

SEQUENCE LISTING

<110> Williams, Lewis T.
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Kassan, Altaf
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Drmanac, Radoje
Crkvenjakov, Radomir
Dickson, Mark
Drmanac, Snezana
Labat, Ivan
Leshkowitz, Dena
Kita, David
Garcia, Veronica
Jones, William Lee
Stache-Crain, Birjit

1-900

<120> Novel Human Genes and Gene Expression
Products II

<130> 2300-1481

<140> 09/297,648

<141> 2000-03-10

<150> 60/072,910

<151> 1998-01-28

<150> 60/075,954

<151> 1998-02-24

<150> 60/080,666

<151> 1998-04-03

<150> 60/080,515

<151> 1998-04-03

<150> 60/080,114

<151> 1998-03-31

<150> 60/105,234

<151> 1998-10-21

<160> 5252

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<212> DNA
 <213> Homo sapiens

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 agngnancaa acangngcac nnnngaata actanannna annccnaaan gatgcacnac 120
 aanacccatn tnnatnngc cntnnatnn annntanatt ttcncanntt ctnanaatcn 180
 naccttcnnn cnnnnntccn ctntntntnt cacncctttn cnnnttnnca ntatnnactn 240
 anancntctn nanncaanan tnnntctatn tac 273

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 aacctcaggg ctgtcagagc agattgatgg gagcgctttg tcctgctttt ccacacacca 120
 gaacaattcc ttgctgaatg tatttgcaga tcaacctaat aaaagtgatg caaccaatta 180
 tgctagccac tctcctcctg taaacagggc cttaacgccg gctgctactc taagtgtgtg 240
 tcagaattta gtgggtgaag gactgcgatg tgtagttttg ccagaagatc tttgccacaa 300

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 <213> Homo sapiens

<220>
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 <223> n = A,T,C or G

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 ctctgtcgcc aggctgaggc gggagaatca cttgaacctg ggaggtggag gttgcgctga 120
 gctgagatca ttacactgca ctccagcctg ggcaacagag tgagactatg tctcaaaaaa 180
 aaaaaaaaaa aaaaaaaann nnnnnnttnn aaanntntng ggggnctnnt nncnnaaanc 240
 caancttnan aaaanccttn gnnnatttgg nnaaccccc anttaaangg cggg 294

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 <212> DNA
 <213> Homo sapiens

<220>
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 <222> (1)...(300)
 <223> n = A,T,C or G

<400> 4
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 tnttgtangg ggcggnnttn tgntgcngtn ctttnanacn ttttgagntn naaaaggnta 120
 angnntnaa ttcngtncct tttgaaccn gatntntcn naaaattnc cttncctanc 180
 aggangnttt tgggnttgna tttgnntann ccngntcntc tttctggttt tgccctgaaca 240
 ccaagtagct tcataatcaa agggtcattt tctggtttgt atcagaccgt atttataaag 300

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 <212> DNA
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<220>
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 <222> (1)...(285)
 <223> n = A,T,C or G

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aaaaaaaaaa	gccaggccga	gcgtgttggc	tcacgcttgt	aatcccagca	ctttgggagg		120
ccgaggcggg	tggatcacga	ggtcaggaga	tcgagttcca	tcctggctaa	cacagtgaaa		180
cgtgttttta	ctaaaagtac	aaaaaactag	ctgggcgtgg	tggcaggagc	ctgtagtccc		240
agctactcgg	gaggctgagg	caggagaatt	gcttgaaccg	gggag			285

<210> 6
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 <212> DNA
 <213> Homo sapiens

<400> 6							
gctactcggg	aggctgaggc	aggagaatcg	cttgaaccta	ggaggcatag	gttgcagtga		60
gctgagattg	caccactgca	ccccagcctg	ggcaataaga	gtgaaactcc	atctcaaaaa		120
aaaaaaaaaa	a						131

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 <223> n = A,T,C or G

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natttttaggn	cnaaaaaatt	tnanatttnn	tnggnantna	aggaaaangg	gnnttttgnt		120
angntgcctn	ancnnacnng	nangttcnaa	aaaccccngt	ttnaaacnng	gcncaggnt		180
ttnnnannnn	acagatatcc	tggttccaga	tgtcttgtaa	gttaacctgc	ctccatttcc		240
ctttctgtaa	agcaaaataa	tgtttacacc	taatctgtct	ctcaggg			287

<210> 8
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
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 <223> n = A,T,C or G

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gagtgtctgtg	accgtgctt	tcctcatgct	ccccgaaagc	ttttctgaag	aagacctctt		120
catagagatt	gccggtctct	cctattcagg	tgactttcgg	atgggtggnn	nnnnnnatga		180
atcctacntg	agctatgttc	nngcccggaa	nataacgaac	ttgattggng	ctncttnncc		240
cacngctctt	ggagattccn	gacttnnnnt	atatgacnct	nnagcactgg	catnaacttg		300

<210> 9
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 9
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 aactcactac tgagtacgat tcagtatgtt cctgtggatg tctgctgtga ctaatatataa 120
 tttcttgtag aatcagctac acttaattat gttgctgata gacaagcatc cacgcttcag 180
 ctggcactaa gtgttttcat tgtaggatca gcagcagggt aaagactgaa cggttagtga 240
 agacaaatgt cttaagaggc tgcgatgtct aggttgggct tgtgacttct tagtggccta 300

<210> 10
 <211> 296
 <212> DNA
 <213> Homo sapiens

<220>
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 <222> (1)...(296)
 <223> n = A,T,C or G

<400> 10
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 caggaaacgat tggaccagca ccttgatctt ggattttcta gcctccagaa cttacagtac 120
 ggggtggctgt nnnnnnnnnn ngnttctgac naggtggnac actnnnnctt ccgtgntctn 180
 tnactgnnt cnntcngctg cngnntctgg acntccagag gttnatgcg cnatcaggac 240
 nnnttgctat ancccttgct cacgatgagn actntgactt tgtgngatgn ccgact 296

<210> 11
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

<400> 11
 gagaaacccc gcctctacta aaaatacaga aaattagcca ggcattggagg cacatgccta 60
 taatcccagc tactcgggag gctgaggtag gagaatcgct tgaatccggg agctggaggt 120
 tgcatgagc caagatcgca ccattgcact ccagcctggg caacaagagc gaaactccat 180
 ctcaaaaaaa aaaannnnnn nnnnnnnngg atgatnancn tgganctgnn tntttttaa 240
 cgtngttttt ngangcttna aactntnaan gctttnatat aangntntca nctgtatgtt 300

<210> 12
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 12
 aaggagtcac ccctgggtca cccaagctga gacatcagtt ggtgggttgt cagaacttgt 60
 gcccaaatat gctgagtcag cggctctgcc cgggcccaaa tgctgagtc gacactctgc 120
 ccgggcagtc tgcaggctgg ccctacctt gctttctgcc tgtggttct atcagggcac 180
 gcacttcagt tctgttgggc agggagacgt gcacagact ctctccagg catatgtgct 240
 gtcttgcgct tgcgcgtggc ctcccaaacc cctagggata cctggggcca gctgggcagt 300

<210> 13
 <211> 300
 <212> DNA

<213> Homo sapiens

<400> 13

gagggatgaa	aatgagccct	gggagggagg	aagggacgag	gaggggtggc	tgcattgttac	60
cgtcccctac	ctctcccac	gtggaggggtg	gagcagttat	gagggaggaa	gtcaactgct	120
gttcagcctc	agaataaagg	tgccgttcac	tggtcagtt	acctcctgtg	taccggcatc	180
ttgtgttggg	aatgttcccc	cctccctagg	gaccaaggac	caccctaca	aaaagagtaa	240
tggttgggtg	atactccctc	aagccaaaga	ggagctcccc	aacctgttct	agggaccag	300

<210> 14

<211> 300

<212> DNA

<213> Homo sapiens

<400> 14

cccacaagag	gtggggccct	tgttgaacac	aatgatcaag	ggccgataca	actagcctgc	60
caggggtcaa	ggcctcctgc	caggtgactg	ctatcccgtc	cacaccgctt	cattgatgag	120
gacaggagac	tccaagcgct	agtattgcac	gctgcactta	atggactgga	ctcttgccat	180
ggcccaggag	tcaggtgttt	ggagcgaggc	agggcagttg	gcactccact	cctatttgga	240
gggacttcat	acccttgctt	cttgtgcccc	agcaccttct	ctctctgccc	cccgcctaaa	300

<210> 15

<211> 126

<212> DNA

<213> Homo sapiens

<220>

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<222> (1)...(126)

<223> n = A,T,C or G

<400> 15

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gcaaaaanccg	cagactggan	aaangtgtca	aaacttttnt	aaacctctct	gggtctnana	120
cattnt						126

<210> 16

<211> 300

<212> DNA

<213> Homo sapiens

<400> 16

agaagttcta	gcacatctta	atttccttaa	tagtttaatt	gatgaagagc	attgatgaag	60
agttaggagg	tctccctttg	tacctacatt	ttccgctttt	ttagaatgag	aagatgagaa	120
cgacctccag	ttcacatgta	cgggtgctgt	gaggatccag	taggggagat	acagtgtctca	180
gcaccaagca	ggtgcaagt	agcacaatcc	aattttacat	caggttacct	ctccaggaca	240
gttgctttga	cgtggaaggt	agagagggag	ttgaaaggag	ggtttgcatg	gttggcagag	300

<210> 17

<211> 281

<212> DNA

<213> Homo sapiens

<220>

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<223> n = A,T,C or G

<400> 17

agggatacgt	gttgttntaa	naagtgannn	nnnngcntnc	anggtgncng	tcantcctat	60
aagatatggc	anctgtnnag	ccctttaagg	ncccttnagc	cncnggctac	ccgtttacct	120

cagatnangt	ttantaangn	gtaagtttta	atcnggaagg	ggggangngg	tgttngnagc	180
tccagtaatn	ttnttantna	anaatacccn	tcctcttgna	ggctcccnag	tntcccagcc	240
ccatnnanaa	ngntnnngnaa	gnnncagacc	atgtacagcc	n		281

<210> 18

<211> 300

<212> DNA

<213> Homo sapiens

<400> 18

ggtaaatggc	agcccccattc	ttgaactgag	aaaacagggt	taaagagtcc	ggtgactaac	60
ccccagaaag	cagagagttg	aagatgaaat	cagaacctga	gtctggtttt	cctgacatcc	120
ggcaggttca	accctcagac	cacagcttat	tagctatgag	cgcagatggt	tctagcggtt	180
atcctccctg	ctcctgtgta	aatcagggct	gatggggcga	caggtgggaa	aactcacctg	240
ggagaacagg	gctctacttc	cttaggcaag	tccttgata	agcaagcctg	gtcctgtcct	300

<210> 19

<211> 300

<212> DNA

<213> Homo sapiens

<400> 19

atacaaatat	tacgttggac	gcaaggctat	gtttgacagc	gattttaagc	aagatgctgg	60
ttatgttgac	ataggaaatg	gagattagga	caacatttag	ttcagcgact	gacttcatga	120
cctacacatc	ccgcatggag	atgacttaga	agcaggggat	atgcccttgg	acctggtgtc	180
aaagctctcg	tttaaacagc	ctcgtgcagt	gtgtcgctac	cacagagctc	ctgtttaaac	240
agcctcgcac	ggcgtgtcgc	tgccacacct	gacactattg	tattagttaa	cgttgctgag	300

<210> 20

<211> 300

<212> DNA

<213> Homo sapiens

<400> 20

tggaggtgct	gacgccaggt	aggtcagcag	tagaccagc	cccaaccac	aagtttcgct	60
ctccagactg	cgcaagcgca	aaggatacga	aaacgcccc	ggcgttctgg	gggctgggac	120
cgaggaaagc	gctgagtata	gctcttgcgc	gtccagtcac	aaatgacgtc	ccttctgtac	180
cccgcctctg	aggcgggagc	atccaatcaa	cttcgagagc	gtaggcccca	cctatcgtgg	240
gtcgagttgc	ttggcggtcg	tggttcggga	ggttcctcgg	gatgtcggtg	gccttcgtac	300

<210> 21

<211> 300

<212> DNA

<213> Homo sapiens

<400> 21

gtccttttga	accaccccaa	agaactcaac	atggcaaagc	aaatggtaaa	agcttcccga	60
ctgttctact	ttgggtccgc	gcgaagccca	ctcacgtgtg	atctgtgttg	cccctgggag	120
gcccggggcg	accggaagag	ggctctctca	agttctgaaa	agagaatctg	ccaccagatc	180
gaatttcgac	ccctgagctt	gttcggacgt	atgggtccaa	ttcagattaa	ggtgggtcacc	240
caacccgaga	tgtcaggaaa	ggccttctgc	agagaaaatg	tccccccacc	cgccatctgc	300

<210> 22

<211> 300

<212> DNA

<213> Homo sapiens

<400> 22

ctgcacctca	agaacgctag	accactcgcc	accagccttc	tcattccctc	ttcctccatt	60
ctaatacttt	ctagctggct	ggcctctca	gagcatagga	aacctgaggt	caggaattcg	120
agaccagcct	ggccaacatg	gtaaaacccc	atctctacta	aaaatataaa	aattagccag	180

gcatggtggc	gcacacctgt	aatcccagct	aatcaagagg	ctgaggcagg	agaattgctt	240
aaatctggga	ggcggaagtt	gcagtgaacc	aagatcgccg	cactgaactc	cagcctaggc	300

<210> 23
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 23						
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ggacaacttt	aaagagatat	tgaatgaagc	tatgatacct	gtagcagtta	ctgccatttt	120
ggaccataaa	actgacaatc	cttaaacatt	accaggaggg	cagagcggaa	agaacattga	180
tgatcatcact	gagttgctgg	attaccttac	tctagaaata	gccaaactctg	catgtttggt	240
tatttttttta	aaaagtcttc	tttattattt	acatcatttt	gaatgggctc	taactctagc	300

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 <212> DNA
 <213> Homo sapiens

<220>
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 <223> n = A,T,C or G

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tatcagactc	ccttcactgg	ctcccaaaaa	ctccagggcc	atgtttctgg	aacagtggaa	120
agcagggaaa	tagaaatggg	gcctcaggaa	ttagaaataa	ggctttggca	ttcaaagtgc	180
gcacctagca	tgctgtgact	agcgataagt	gtgcaaggag	tggtgaagca	gtaggaagac	240
ttgtggtgag	gcggggcagg	ggaatnnnnn	nnnnnnnnnn	ncagagacca	nnggccttcc	300

<210> 25
 <211> 281
 <212> DNA
 <213> Homo sapiens

<220>
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 <222> (1)...(281)
 <223> n = A,T,C or G

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ggtgtaggga	gaggaagggg	agggnnnnnn	nnnnnnggcn	tacnttttcc	tacatttcan	120
tntccctttt	ncctatctaa	gcngtcttat	ctngtcaatn	cacttntcnn	tnnnttaacn	180
ccnttcnnnn	ncanttttcc	cttnntcctn	cctntatact	nttgctntga	nntgctgncc	240
anatntgttt	cccttcctcc	atcctnncat	acccttact	t		281

<210> 26
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 26						
cgaggcagtt	agctagtgtg	ctgtgaaata	aaataactaat	gattgaactt	tctagggaagt	60
acctattctg	ctaatagtgt	aaatatacac	ttatccaggg	tcagaaatac	tcaagtttac	120
ccacttaaaa	gatctagaaa	atacatgaac	ttgggcttac	ttgccagtta	aaattgttta	180
tctcagaatt	gtaccatcac	cttaattaaa	gtagatatgc	taggattatc	ctgataacta	240
attaacatag	cctttcccct	tagtgttctt	cacctgaatg	tagtagtgga	ctcttcaagt	300

<210> 27
 <211> 277
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(277)
 <223> n = A,T,C or G

<400> 27
 gtgctgcaga caacacacct tcctgatgga ggtgtccggc tgatggagaa gtctgtgggc 60
 ttgtaaatca tctttgatgt taaccaggcc gacgctgtgg ccacattccg aaagattaac 120
 cctgtcaaac cctannnnnn nnnnnnnnnn nnnngatttg atnagcctgt nccanacctc 180
 tgcagcctcn ancggtngtn ntaccatagt ggggatgacc ctctgatact ttgnccctggt 240
 ngancatgnt gacanntgct tctacagctt nngggac 277

<210> 28
 <211> 293
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(293)
 <223> n = A,T,C or G

<400> 28
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 gcattggacc catctntanc aaaagtngag gccaaaaagn tnagtgactt gacaagtgnc 120
 agagtaaccg tgtagacaga gcagtgtana cagaaatcaa ncntcagtcg cangngtana 180
 cctgatcctg gngatcactg ccctgagtgg cttgccagca cagccagngc catcagtaat 240
 ttgnangacn tancacnnnc nnnnttaagt taaaaaaccc ccattnnnna agg 293

<210> 29
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 29
 ggctaacttg ccttgtttta ctattgatgt ttgtgtcctg tgtccttaac actttaagca 60
 gcgtgttctc acctaaaggc taatagtttt aagtaagttt ctttttcttt ttttaattta 120
 aaaattaaaa aatttttaat taactttttt taaattaaaa aaaattatta attattttta 180
 atagacagga tcttgctatg ctgtccaggc tggctctgaa ctctgggct caagtgatcc 240
 tcctgccttg gcctcccaaa gtgctggtat tacagggtgt agtcaactgca cctggccaag 300

<210> 30
 <211> 281
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(281)
 <223> n = A,T,C or G

<400> 30
 ttaaaggatt taaggannna nanntncttn tggtttgccc ntccnacnn tnctggggga 60
 aanganncnc nannaggtta ttctnnttcc ctnangccna nanggnaacn tggnttgnc 120
 ttaaacnttt gnnttanatn gggtanntgn ntttttnaaa antnggtgcc ntnaangann 180
 ntttgagctt tgcagtagat tatgctgcat cctcgtggca aaattctgta ttcttagtga 240

ttgttacaaa cccctttatt gctgtctgag aaaggaaaga t

281

<210> 31

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<212> DNA

<213> Homo sapiens

<400> 31

gtcaagggct	gcatgaagtg	cgagggccga	agagtctgtg	tggactcagt	gggacatggg	60
cgtggaagag	cagggaggtc	tgaatgggaa	gtaaagacac	agatgcgggt	atgcacacag	120
ttctttgaag	atgctcggcc	gaggagacaa	gagtaatcag	gtcaggggca	aaaaggggta	180
ctcgcttgag	gaagtaaaca	ttggatgtcc	acagctcaga	gttagttcaa	ggtcacattc	240
aaattagata	ccccgatttc	ccccggcctg	ctgtctaaat	gccaaatcaa	gtcatggctt	300

<210> 32

<211> 300

<212> DNA

<213> Homo sapiens

<400> 32

gagcagaaac	gcaagatatt	tccctttgct	ggctaaacag	aagcctgggc	accagaaatg	60
tgatatcctg	accaatgttt	ttgcaattct	ctcagcgaag	aatctttctg	atgccacagc	120
cagtattgta	atggacatag	ttgatgacct	tcttaacctt	ccagatttcg	agcctacaga	180
aacagttttg	aacttgctgg	taactggatg	tgtataacct	ggcatagcag	aaaacatcgg	240
tgagtctatc	acaataggag	gaagattaat	tctacctcat	gtacctgcaa	ttcttcagta	300

<210> 33

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<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(286)

<223> n = A,T,C or G

<400> 33

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tcacncnnnn	nnnnnnnnnn	nnnnnnnagg	cctaggcggg	tggatcacia	ggtcagcagt	120
tcaagaccag	cctgaccagc	atgggtgagac	cctgtctcta	ctggaaatac	aaaaaaattg	180
gctgggcgag	gtggcaggca	cctgtgtgtc	cagctacctg	ggaggctgag	gcgggagagt	240
ctcttgaaac	tggaaggcag	aggttgcggt	gagccgagat	tgcgcc		286

<210> 34

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(300)

<223> n = A,T,C or G

<400> 34

gtaggttgaa	agcctggcca	gctattctgc	aagacagtca	aaaattgttt	acagggctgg	60
acagcatatt	gctattgaaa	aatagctatt	aggagacctt	gcacaatttg	tgaaacattg	120
ttaggctcat	tgtactgtgt	aaaatcagga	aagaatttgg	gaacatactg	atacaacaaa	180
aagatagggt	gtcaaaccct	cacttcacca	gaaagctaaa	ttaaccagat	aagtctttct	240
gaannnnnnn	nnnnnnnnnt	ttgntcctgc	gctgtacnna	naccttanant	tggtgaatct	300

<210> 35

<211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

<400> 35
 attgaggaag atctaggtaa aacctttaag ttaaccttct aagtctcaga cacgtaaacc 60
 caagtgtggc aaaggaactc attgctctcg aaatgcatat atgttggttt atagactgca 120
 aactcaagaa aagcccaaca ctactgttca agttccagcc tttcttcaag agctgggtata 180
 tcgggataat tccaaatttg aggagtgggt tattgaaatg gctgagatgc nnnnnnnnnn 240
 nnnnnnnaaa ggaaaagctn ancacgaaga ggntaaggag ctgtaccaa gggtacctgc 300

<210> 36
 <211> 294
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(294)
 <223> n = A,T,C or G

<400> 36
 gcttggtcac ccccgaggag agcaggaagc tgcggttctg gaacctggag tttgagagcc 60
 agtctttcct gtatagacag gtacggagga tgacggctgt gctgggtggc gtggggctgg 120
 gggctttggc acctgccag gtgaagacga ttctggannn nnnnnnnccc ctggncagac 180
 acnacacaca tgtngcccca ncccacggct tantcctcan ntcacgcgct gtacnggaac 240
 ctctnctctg cctnctgcac cctgcaggnt nnaaactacn gcacctactg ataa 294

<210> 37
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 37
 gtgaatgctg tgcctgtggc cccacctgtg tgtgatgtcg ccagaaccca gccgactcct 60
 tcagagaaag ctgcaggagt cctggagggg gcccttgggc cacatgttgt cactaacctt 120
 tatctctatc caatcaaact ctgtgctgca tttgaggtga ccagggtggc tgtatgaaac 180
 caagggtgc tatatgaccg gagctggatg gttgtgaatc acaatgggtg ttgcctgagt 240
 cagaagcagg aaccccggtc ctgcctgctc cagcccttca tcgacttgcg gcaaaggatc 300

<210> 38
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 38
 tcttggtcaa cattatatcc ttagggatta gtacataggc ttgcaaatac cagggtatgaa 60
 taaaaaatta ttgaatgagt aaatgaattt aaaatataag ttacttaggc ggtatcttca 120
 ggcatatctg tgtttatgtg gtattcaatg gccacaaat gtctacatcc taattcctaa 180
 gatctgtaaa cattaatttg catgacaaaa gagactttac agatgtgatt aaatgaaagg 240
 attttgaçat gcagataata tcctgtattc ttcatgtgga accaatgtat ttacaagggt 300

<210> 39
 <211> 300
 <212> DNA
 <213> Homo sapiens


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<400> 39
cttctgcccc cggcacttgc catgttccag tggggggcag atcctcagga cttcacgggt      60
atggttgcca gctgtgttcc tggcccttgg acacacagtg tggcatcctc atgtttgcac      120
actttcccca ggctccagtg gcctggatgt caatgtttac aaaggggcaa ggacctctca      180
tggacactgg cctctagccc tctgtttttg tttgatgaat tctgttataa cctatggggg      240
caggatatga gtctggggca ttatttatcc aggaccatc ctcttgggtg ggttttgggt      300

```

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<210> 40
<211> 285
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(285)
<223> n = A,T,C or G

```

```

<400> 40
aatttcnctt tcnnagnttn cgnncgggct taangntttt tngggcnaaa gnccccntnn      60
ggngnctant ttgtgatncn gngngaaaaa atttttctca ttctgaggtc cacatggcac      120
cttctggggc agcagctgtg gccggtgtat caagggcgcc cttaaagctg gaacattcca      180
gcaagcttct tgcgcttctc tgcacccggc agggccactt tcttggcacc ctcgacttta      240
tataaaagtt gcactgcggt tcaaaaaccc acccctgaag aataa                      285

```

```

<210> 41
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 41
gtttcattta agaagaatga gctagataaa tgtgctcttc tggttacccc accctgacag      60
agtgcatttt tacacggcta gcaggggttg agactgcagc ctggcctgcc agccattgga      120
ggtgtttaag gaagggcaga taatgtgact ctttgcgggg tgccatctgc ttaccatta      180
gcgagcagag ggggtttctg cgggtgacct ccagcatatt tctaggttac ttatgggcag      240
atttgttaagt gacaaaactc cagctgatgc tgggaatggg gagagggccc ttgagggact      300

```

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<210> 42
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(300)
<223> n = A,T,C or G

```

```

<400> 42
cgtctgtaat cccagctgct tgggaggctg aggcaggaga atcacttgaa ccctggagggt      60
ggcggttgca gtgagcacag atcatgccac tgcaactccag cctgggcaac aaaacgagac      120
ttcgtctcaa aaaaaaaaaa nnnnnnnnnn nnatcctttg gncgggttct cccaaattnt      180
tttgaggggn ccatggncaa cngcttnagc tttgttttgg caaccccntg ccnaagncn      240
catataggct gtncttnacc ttgtttccaa ggctgaggan canaaagtan cctntgtttt      300

```

```

<210> 43
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 43
ccatagcctg ttgagtgttc ccagatgtga ctcacctttc tgctgccctc ttcatgcagg      60

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cctactgact	cataattcac	ttgtcccaaa	agccacccca	caagcctgag	ccaacctgct	120
gcctgacgcc	acagtcattg	gcagaggtct	gggcattatt	aatctataaa	aatccatgct	180
ttacacctgg	acagtacaca	gggacttcag	agattgcacg	ttggaatata	ttctcccaag	240
actgagggtg	ttcggtttta	attcctgtag	tccaatcaca	caattttcta	tggaaaacct	300

<210> 44

<211> 300

<212> DNA

<213> Homo sapiens

<400> 44

caaaagataa	tgtgaaactg	ttggtggact	ctctggtgag	gggtgggcag	aacttgctgc	60
tacttagagtt	cttgggttct	ccatgatgtt	caccttggg	ctggccctact	gtgtcctgaa	120
tgtttttgtt	atthttttgtt	ttatthtttta	aacaaactgc	tgthttttata	tacctggaat	180
ctgttggttg	cttcagagcc	agtggtttaa	gagcagggtc	ccaaggattg	ggagatctag	240
tgtctgctct	cctgccttgc	aactcaattg	ggcctthttc	ggtgacctca	tccaaggcca	300

<210> 45

<211> 300

<212> DNA

<213> Homo sapiens

<400> 45

cttgatggca	gtagaaagac	ctcattttca	taacataact	actcttgata	ctttctttaa	60
aaacactttt	tattaaagat	tctatcatga	ggtatttggc	tgggagctgg	gaggctaaaag	120
cgctcatgtc	ctggctcttc	agtgaattta	actgtgtgac	cttgggcaag	tcacttaacc	180
tctctgtgct	tcagtctccc	tgtcttgtaa	aatgggagta	atacctacct	cacagggttg	240
ttgtggggat	taattagaga	taatgtctgt	aaagcattta	aggttcttga	agaaggcact	300

<210> 46

<211> 300

<212> DNA

<213> Homo sapiens

<400> 46

ggccggttat	tctctcttta	cagatagcta	tagacatcat	tttaggaagt	gttgcaagtct	60
ggcatttgtg	ctattgttca	ttctctgtga	aggetgttca	tagttgctat	agcctgtgtt	120
tagttttgtg	atttcatcaa	tcccatcttt	ctgtgtgagt	aatgcattct	aaacatccta	180
ccccacttta	gaaacggacg	tggggaacgc	ttggtcattt	aagccaacaa	taaatttagg	240
tgaatgtccc	taagtgttta	ctgtttttat	ccagtcaagg	atttgctttt	ccttgaacat	300

<210> 47

<211> 300

<212> DNA

<213> Homo sapiens

<400> 47

gttatattaa	attattcttt	gtttttcttt	ttcttttaat	aaagcctgca	agttactaaa	60
ttgtagtthc	ataaattctg	tagtaaagta	tcatcttggc	agtgtgccaa	aggtgaaaat	120
gatgctttct	ctaacagaga	aattcttagt	gactccagtc	gtagaaaaac	gtctttacaa	180
cctgaataag	attgaagaat	tgtgaacata	ccatggccta	ttggatgaat	catttgccgt	240
aggctaaatc	agactgtagg	gtttgctgat	gatttatgga	gtatgtgggt	atagaaatca	300

<210> 48

<211> 300

<212> DNA

<213> Homo sapiens

<400> 48

gatgtcacta	gacaactggc	agtttaaatgc	tcacaccctt	gaactagaag	aggttccaca	60
ggatccctgg	ccaatgccag	ggatcttttag	gtcagcagtc	atgtcaagat	gctctgattc	120

tccacaaacc	cagcttcttt	cccaaactgc	agggaggtcg	gtctgcagtg	acttacctag	180
tattttgttg	tatccctggc	tcacagtgtc	tccccggtct	aggatcttcg	aatcgaaatc	240
ccatgaagca	catattgcag	tgctctctga	ctctcaccce	tgaaatagag	ctggtgggat	300

<210> 49
 <211> 297
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(297)
 <223> n = A,T,C or G

<400> 49						
ctgtttcnnt	cctaattggat	agttagctga	tttctgttgt	ttttctctga	naaccaatgt	60
tgcaatgtgt	ctttagtctg	gatagtctatt	gttaaactgc	ctacaaagtg	agcagatcta	120
ttaatatcag	tttacacttg	ggcctttggg	gtttgagagg	acctttttct	ctgcaaccat	180
ctgtgggctg	atttttgcat	tttacttggt	ataacaaggg	agggtactg	ccccctttcc	240
atcatcccc	aaaaggga	aaatgagcac	tagcataaaa	gttctttgga	gaaatat	297

<210> 50
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 50						
ttccttgccc	actctaagtc	agatagtcca	gagccaggcc	ctttgggatg	tgacaccgag	60
ataaatcaga	gaaaagctgt	gaagcttggg	gaacagaggg	acttttggtg	aagtaggtgg	120
tctgcagttt	ctatcttctt	gggaaaagca	agctggaaaa	gtgaacagtg	gttggtaggc	180
catagtgtct	ccagctgggt	gacataatga	ccacacagca	cagtgatgtt	attagcaact	240
gtgtggtgga	gtagtgtgtg	gctggacaaa	tcaatcgtgg	gaaattgtta	ggagttttat	300

<210> 51
 <211> 288
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(288)
 <223> n = A,T,C or G

<400> 51						
agttctntta	acaggatnnn	atcgattcna	attnggentn	angnntggcc	nccttgggg	60
ncncaccaga	agntcggana	aaggcccaag	gnngangcca	cgcccagcag	tggttattgc	120
ccccactcc	ttttttgagt	ctatnagcat	tgnttggttt	tagctgtcat	cagaagctgt	180
gagggacca	cagatttttg	aaacgacctg	gacacactat	tgggaaggag	atgtggacgg	240
cctgtctcct	cctgcagggc	ccaccctaag	aatgtatttt	taaacaca		288

<210> 52
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 52						
agaaaggata	atggagtttc	tgtacaagat	ttaccagaaa	gagagtgggt	tgtagacatg	60
cctggagcag	acaccttgga	gccgctgaca	gaaggtgaag	cagtccaaga	aaatgtggaa	120
acttttccgc	tgctctacac	agtcacaaaa	cctgtccatt	ttatttcgtt	gaagctttgt	180
ctgagagata	accaaataga	cagtcaaagt	aagttatctc	agccacatat	ggggagtggg	240
tgctgctgaa	ttgtgattaa	ttgggggagc	catataggta	catttggcat	gatctgggcc	300

<210> 53
 <211> 298
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(298)
 <223> n = A,T,C or G

<400> 53							
gctactctta	cgactcacg	ttcattaact	gcgttctgat	ggcagaaggt	agacagcaac		60
tggaacaagg	tgaatttacg	gagaagtacg	tggtcccgcg	gacaaggctg	gcatccaagt		120
tcatcacact	ctaccgggcg	atacgggagc	atggcttcta	cgtcactgac	tgtcccagc		180
agcaggcaca	acccctgag	ggcggcggtt	tgtgctgaga	gctatgtaag	cgcagcctnn		240
nnnnnnnnnn	nnnnnnnngt	tgntaccttt	natcataact	atggatatct	aatgcat		298

<210> 54
 <211> 268
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(268)
 <223> n = A,T,C or G

<400> 54							
agtccttgag	aggtggtggg	aatggctgct	tcattcctcg	aggatgcccg	ggccccacct		60
gggcttgctt	ttctgttttag	aggggaagtgt	aacntatctg	ccatgaggaa	cataaattca		120
tgtaangcca	ttttctctta	tncannncnt	ntctttctan	gtacantcnt	tntctaggat		180
ttgngaagct	ncttgcnctt	gnaacaggnc	tcangtnngn	gnancnnttt	ngnnnttncc		240
ncnnntcntg	ntgntttttt	cntntnnt					268

<210> 55
 <211> 278
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(278)
 <223> n = A,T,C or G

<400> 55							
aatgtgaaat	ccacattggt	tcacaggca	ccatcagtaa	tgtcgaacaa	atggagaaag		60
ttgcagggtg	ggctaggaaa	gctgtattcc	tgtggattac	tctagctggt	catttgcccc		120
gattgtgaac	tgcttgaaag	aaaaacgaaa	cttctaagat	gtttgtcctt	tcatgtcctt		180
tctgttggga	tttcttattt	ggngcncttn	netgnntanc	ntnnnnctnn	ttnattnggg		240
ntcctntna	nctnttgtnn	ncatcgnnta	agttagtt				278

<210> 56
 <211> 254
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(254)
 <223> n = A,T,C or G

<400> 56
ggaaattggc ctataccagg agagcggatc ccagacgtgg ctgcattgtc catgggcttc 60
tctgtgaaag aagacctttc ttggccagga ctgcagtggt gtaacctgtt tcatcgtcct 120
cgggctaccg tcatgggtgat ggtgaagggg gnnnnnnnnn nnnntntacn cncaggcntt 180
nnntnttnat nncennngtc nccttnncan tnnatnttna ntncnnnnnt ngnagntatc 240
tngtcgtntt cctt 254

<210> 57
<211> 300
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(300)
<223> n = A,T,C or G

<400> 57
gagacatcat gtcaacagaa atggagatgt gcactgggga aactgccggc cgggccgctg 60
gcccgtggac gcctgggagg tggccaaggc cttcatgccc cgaggactag cagacaaaca 120
aggacctgag gaatgtgatg cagttgctct ttttaagtct atcaacttct nnnnnnnctn 180
tgnngcnnat gtntacantg ccaccaacgt gnttntgtgn actcgcnan tcatggacta 240
tctctatgat natgannntt ctagganent ngnggataat actacnttnn antccttctg 300

<210> 58
<211> 300
<212> DNA
<213> Homo sapiens

<400> 58
acaagtgctt ggcagtgaa ggggggcaga ctgagcctgt gtagtgaagt gtcttgagga 60
acgtcagctg tatcttttag gaaacaaaaa ctgcatagac attgaaccca ggcagaaggt 120
catgaagtca gagctaagaa atgctagtgg ggataggggg tgagatagag ttgggaaatg 180
tttcagagct acaggtgaca gttggttggtg tccagttgga tatgtaccat gaagggaaga 240
agcagtcaga gtgggcacca agctttctag cctggaggac tgaatgggtc tgtgcacatt 300

<210> 59
<211> 300
<212> DNA
<213> Homo sapiens

<400> 59
ctctcaaata gaaatgggag ataagaaata tatctgtgca atattaaatt gaaaaaaaaa 60
acccataaaa agtgtcaaa gcaataatt tgctctagat cacaaaacta gttagcacia 120
ggctaggatt ataaccaggg tctaggaaaa aatcctgaag gtgatttaac tgagtgttag 180
gccctgtcaa gccacctgct aaggctcatg gtctttcaga ctagcttcaa cattccaaat 240
caggcaatag ctacaacgga aagataattg gacggggaat cctgagatca gagtccatg 300

<210> 60
<211> 300
<212> DNA
<213> Homo sapiens

<400> 60
aacgtgctgt acaccagcct gcccgtgctc ctcatggggc tgctcgacca ggtaggagcc 60
tcgcacaagc agggacactt ctggacagat gagaatgcgt tagagaagtc ccaagcaaac 120
gtttcaatgc attcttctgg tgtttacttc tttctgatca aaccctatta taattctgtt 180
gtcaggcatc aagggtcatg gctgtgcttc ttgttttgta ataaggaaag aggatttctc 240
tgtagtccca gctactcggg aggtgatgac aggagtatga cttgagccca ggtgttcaag 300

<210> 61
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 61
 ctgttcctaa ccctttcaac tgggggggtct caagtgggtg aggactccat ggccacggca 60
 gcagaactgt ctcttctgaa aaccagactc cgggggccct gggtcagcac ctctaggtca 120
 ttccacagac ttacacagtt taaagaaaga gccagcgaac atgggggtgat cctgggggtgc 180
 cactgggatc ccaagccagg cccggaggtc tgctgtttc gtccccagaa acttgagctg 240
 gcatcctccg ttggtttgca ctgggcacgg ggactggaga gccaccaggc cactgagcgc 300

<210> 62
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 62
 cctgtctcca ggtctccctg tcccccttgc ctgccttctt ccctgctctg tccccctaagc 60
 tcctccagg cagggaaaag aggccagggtg ctaaaaatga gcctttctca agcacgtgag 120
 cagcgggaag cagacaggcg ccagagccca gcactccctt ttccagcagc tgtggtgggg 180
 gagggttccc ctccagtttg tcaagagttg aaggaggctc tgtggccagg tgacctgggt 240
 gccttccact ccttgtacct cagtctaaac atggagtggc cgctgacaag gcgctccagc 300

<210> 63
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

<400> 63
 cccactcgg ggtatgtgaa tgcccagctg gagaaggaag tgcccatctt cacaagcag 60
 cgcattgact tcaccccttc cgagcgcatt accagtcttg tcgtctccag caatcagctg 120
 tgcattgagc tgggcaagga tacactgctc cgcattgact tgggcaaggc aaatgagccc 180
 aaccacgtgg agctgggacg taaggatgac gcaaaagtgc acaagatgtt ccttgaccat 240
 actggctctc acctgctgat tgcttgagca gnacggangt ctttacgtga acccatttga 300

<210> 64
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 64
 gagttttttg tgatattgag gcattcatac agagctgcag ttagacgggg ttacgggggc 60
 taaaagcaga aaaaaaattc catttcatcg ggatggaact gaaggatttt attctataaa 120
 gggccctgg ttgaatctgg caattctttt tgccaagatc cctagcagaa gatttagcca 180
 tgccttccc ctcaactgtg tgagtggccc cttctgaatc tctccagcag ccagaggcac 240
 cgtgagaagc agaaagagct ggtaaataaa gccttgggca agcgacttct tagatcagaa 300

<210> 65
 <211> 299
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(299)

<223> n = A,T,C or G

<400> 65

cacctgacct	tggcctgcac	ccccggcagc	tccccacac	ttttgcgctg	gttccacgac	60
tgccctgggct	tttgccactt	gccgctgagc	ccagggtgaag	atcccagagct	gggccttgaa	120
atgacagcag	ggtttgggct	tgggggaatg	agagggttaca	gcnnnnnnnn	nggccatgan	180
gggcananat	tgatccccac	atatttgann	ngngcngaga	ncccttttng	ggggngtaa	240
angtacaacn	angaagcnct	nttaggacta	aggtttaana	aagntgcttt	ttaccatt	299

<210> 66

<211> 300

<212> DNA

<213> Homo sapiens

<400> 66

atttgtacca	actgtaccat	ctgcttgcca	ctgctccaaa	cttttaccac	cttgcctttg	60
gtaaagaggt	cacctgcgta	tttaaaatat	ccttttgtaa	tgtattggga	aggtgcgaga	120
acatatgaaa	atggttgta	atggagatgg	aaggggcttt	attctcactt	aagagagccc	180
tgggaggaat	aaggttttat	ctggatcagg	tatccaattg	cattggataa	acgtggcctg	240
aggcaggata	aaatttaaaa	acacaataat	aagcctcctg	gtgacatctc	tgctcctttt	300

<210> 67

<211> 297

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(297)

<223> n = A,T,C or G

<400> 67

tgtatcggt	cctgttccag	ccggcatcgc	cggttggtct	ccaggcctca	gagctgtgtg	60
gcaggggccc	ctgctggggc	tgacatcac	tgagctccag	tgcaaagccg	nnnnnnnnac	120
ccagggtgnc	ccccaaacta	aacnaaactg	gnngcttggg	agccccnncn	natgggaang	180
tncaaaaaaa	ggtcttggnt	ttctcttcta	atgcctttct	taactcctga	antcgtttgc	240
tcctaaatct	tggttaattct	ttttctctgg	attttgggtt	cttttggtct	tcccttg	297

<210> 68

<211> 300

<212> DNA

<213> Homo sapiens

<400> 68

ccccactcgg	ggtatgtgaa	tgcccagctg	gagaaggaag	tgcccatctt	cacaaagcag	60
cgcattgact	tcaccccttc	cgagcgcatt	accagtcttg	tcgtctccag	caatcagctg	120
tgcatgagcc	tgggcaagga	tacactgctc	cgcattgact	tgggcaaggc	aaatgagccc	180
aaccacgtgg	agctgggacg	taaggatgac	gcaaaagtgc	acaagatgtt	ccttgaccat	240
actggctctc	acctgctgat	tgccctgagc	agcacggagg	tcctctacgt	gaaccactt	300

<210> 69

<211> 300

<212> DNA

<213> Homo sapiens

<400> 69

ccccactcgg	ggtatgtgaa	tgcccagctg	gagaaggaag	tgcccatctt	cacaaagcag	60
cgcattgact	tcaccccttc	cgagcgcatt	accagtcttg	tcgtctccag	caatcagctg	120
tgcatgagcc	tgggcaagga	tacactgctc	cgcattgact	tgggcaaggc	aaatgagccc	180
aaccacgtgg	agctgggacg	taaggatgac	gcacaagtgc	acaagatgtt	ccttgaccat	240
actggctctc	acctgctgat	tgccctgagc	agcacggagg	tcctctacgt	gaaccactt	300

<210> 70
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

<400> 70
 gtttgtttcc ccgagatgtg aacttgctga aggaaaacag tgtaaagagg aaggccatac 60
 agagaactgt cagctcttca ggatgtgaag gcaagaggaa tgaagacaag gaagcagtga 120
 gcatgttggt taactgccct gcctactaca gtgtgtctgc tccaaggct gagctactga 180
 acaaaatcaa agagatgccca nnnnnnnnnn nntgaggaag aggaacaggc anatgtcaat 240
 gaaaagaagg ctgatctcat tggaagtctc acccacaagc tggagaccct ccaggaggcg 300

<210> 71
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 71
 tcaggccggt gggtgacggt gtgctggcca gatagttcct ggggctgcag gtggcttctt 60
 tcgccccatc cctcccatcc cctttcattc ttctgtcaa cacatctcag accctggaca 120
 ccgaatgagc cgtegggtacc cacaccccag ggcaattcag tggaggggta ggtggctcgt 180
 tccccacgt tgccccagga agaggaccct gtccccggca tcctgaccca cctcccttag 240
 agaccgagag cctctaagga taaaccatt caccctgtgt tcagaggctt ttttttctc 300

<210> 72
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 72
 gttcagggtt ggtgggtctg tggaccttga gctagttttt aatcaacatg gaaactccag 60
 tgatctatctt aaaaacttgc attgggtcat gccagggtta ttggagggtta taccctccaa 120
 tgtatttcca actcagggtt aaagccaagg tccttatggt ggaagatggg gcatataaac 180
 tggcattctg gcgctcacac actccaatat ctactactct cccctcttgc tcgctcagct 240
 gtggcttgc tttcagctt tttgctcttc ctggaatata tcaaacatat gtaggcccag 300

<210> 73
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 73
 ctttgaagag aggaggggga ctttagagag ggatgaaaat gagccctggg agggaggaag 60
 ggacgaggag ggggtggctgc atgttacgt cccctacctc tccccacgtg gaggtggag 120
 cagttatgag ggaggaagtc aactgctgtt cagcctcaga ataaagggtc cgttacttgg 180
 ctgagttacc tcctgtgtac cggcatcttg tgttggaat gttccccct ccttagggac 240
 caaggaccac ccctacaaa agagtaatgg ttgggtgata ctccctcaag ccaaagagga 300

<210> 74
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1)...(300)

<223> n = A,T,C or G

<400> 74

gggattaaca	atgctgaagg	actcttagta	gtagtgactg	tcattctgtgc	ccctctaact	60
ttcctgagcc	tcacacacaa	cctgtgggca	ggatggagta	gatcatgttg	ctgactgctg	120
ccgtaggcaa	gtaaatggag	ccagaaagtc	ccactgttga	cagggtgcca	cagctgacca	180
gggactgtca	ttctctccac	ccacaggctg	tggaggggta	ccacagcatg	tgcccacctc	240
caccaatccg	caacgagcag	ccggnactgg	tgctgnggca	gaggntgccg	tcattgccca	300

<210> 75

<211> 300

<212> DNA

<213> Homo sapiens

<400> 75

tgggggctct	gaagtttcac	caggtggacg	ctggggagcg	ggctcccag	cacttgtcta	60
cctcccgcc	gtcctgacaa	cttttctggc	caacctaccc	agcttcgctt	ggctggcgag	120
cgcattctgt	gctggggttc	gcggtgcaga	tggagacgca	gtggtggcca	gaggggtgatg	180
gagaagacgg	gaaaagcgac	agccacgctc	ctggctgaag	ccgcaggacg	caaataactt	240
actttgtacc	tgacagtctc	tcacgttggt	gtggaggccc	tgtttcctgg	aaataaactc	300

<210> 76

<211> 300

<212> DNA

<213> Homo sapiens

<400> 76

gcagggcagg	gctaaagtgt	gaaatggaaa	tgaaggagca	ggtagccatg	cagccttgtg	60
ctttccagca	acaggggtga	cacttggtcc	caagaggacg	cagctgaaag	accctctggc	120
agggagaaag	tgtgaggact	ctgtgggtga	ttctgagttg	tgctctctctg	gcttaatctc	180
atctgattct	agcagtaact	ccaagaggta	agcacatttg	tgagtcctgt	tttccaatgg	240
aaaagctaca	tgaggccccc	caggtcccag	aactcaacaa	tggtggggct	ggggttcaaa	300

<210> 77

<211> 296

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(296)

<223> n = A,T,C or G

<400> 77

aaaggaccta	agtgtgaaat	accccgaaga	cgccccatc	acccttccaa	acctgttgag	60
gttcattttg	catcactcag	accctgcttc	cagccccag	aatgtggcta	actctctac	120
caaggagtgt	cttcagagcg	aggcagtctt	acagcggggg	cacatctccc	acttgagag	180
agagatccag	aaactgagag	cagaaataag	cagcctccag	cgagcacaag	tcaggggtga	240
gtcccagntc	tccagtgtcc	gcntanntgn	ntacnttgnt	ngtngtngnt	gatttt	296

<210> 78

<211> 300

<212> DNA

<213> Homo sapiens

<400> 78

tgaaaaaat	cacagctcct	gcagcaagtc	tatgcctggg	taacaaccaa	cccacaaaat	60
ccaagaggag	gtccccctct	cccgcctctg	tgaggcttga	ggagcagtat	gtatctgggc	120
cagcctggtc	ctcagagtgt	ggaattaaca	cctttcctct	agcaactgtt	tgtgctgctg	180
agaacagcac	agactctctg	gcagcctggg	tctctccaga	gggaagcctg	tgaagcagaa	240

gaaacatatg gcacatctgcac tcaggggcgcc cagttccatc cggccttgct ataaaatgac 300

<210> 79
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

<400> 79
 caaaaagctg ctgctgggca gccccagctc gctgagcccc ttctctaagc gcatcaagct 60
 cgagaaggag ttcgacctgc ccccgggcgc gatgcccac acggagaacg tgtactcgca 120
 gtggctcgcc ggctacgcgg cctccaggca gctcaaagan cccttcctta gcttcggaga 180
 ctccagacaa tcgccttttg cctcctcgtc ggagcacgcc ccatattagt ggtccgggcc 240
 cgggcaggcc cagctcaaaa gagggcagac gcagcgacac ttgttcttac acaccccat 300

<210> 80
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 80
 ctcccagcct cctcctccaa cgcccttttg atccaagatt gagtaagaga cattggcaga 60
 tgctgagaag gacaacccaa ttgttttaac ttgcagaccg agggggagat gggttccagt 120
 ctgcacatga ctgctgcaca gtccccccac cccacctga cttagaaaat tccaaaccga 180
 ctacaagacc agaaacaaac cacatgccag tcgccccctt gtctgtacac acatgtggag 240
 ttcagagcca cccttgagga gaggtgctc aggtcagct cctgtgctg ggctttctag 300

<210> 81
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 81
 acatagcccc caccctgag ggatgagaca gctccctgca ggcaggctgt gccagtcac 60
 ctcaagccta cagctgggct gctggctgca ggggtctggag ggcgggtggg aggggtggcag 120
 acagagtagc aagaccccca cttccctggc cttcttcaca gacctgcgtc atgcgggcct 180
 gggaccgcag caagccctg ctcttctgcc cggccatgaa caccgccatg tgggagcacc 240
 cgatcacagc gcagcaggta gaccagctca aggcctttgg ctatgtcgag atccccctgtg 300

<210> 82
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 82
 ggaagaggat gactgggtat gctgtgccac ccttgagggc catgaatcca ctgtgtggag 60
 cttgggcttt gaccgagtg gccagcgctt ggcgtcttgt agtgatgacc gtactgtgctg 120
 tatctggcgt cagtatctac caggcaatga acaaggggtg gcacgcagcg gctctgaccc 180
 cagttggaaa tgatctgta ctttgtccgg cttccactca aggaccattt atgacattgc 240
 ttggtgtcag ctgacagggg ctctggccac agcttgtggg gatgacgcga tccgcgtgtt 300

<210> 83
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

<400> 83
 cagagctgta tcttcagtgg tgtgatgaag ctacagtagg ggagatcact catgctaggt 60
 atggatctcc ttacccttgg cctctgaatc atattttggc ctatcaaaaa cagtggnnnn 120
 nnnnnnnnnn nngtaaaaaa attttnggng gggggagaaa aaatcnggac ccggtgttan 180
 aggatgtaga ccagtgtgtt caagctctct ctcaaagact gggaacacaa ccgtatttct 240
 tcaataagca gcctactgaa cttgacgcac tggattttgg ccatctatac accattctta 300

<210> 84
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 84
 gtcctaccca aacctgtggc cgccactttt gaattctcag attgccctga attttgccac 60
 ttttaaataa tgtgctgaat aagctcagca actaaaaacc attaccaag aacgtttctt 120
 gtgagtgaac tgatttattc tgattcatta tattcctttt ggtagatttt atacccttg 180
 gggaaataat acaacaaaaa catctcttaa aaatgctggg atggggccat atctactagc 240
 agaggccaga tggtcagata tgatttctgc aaacccatct tgaccttgag tatgtgaagg 300

<210> 85
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

<400> 85
 tggtgcccat attgatgtgg atanacagaa agataagaat ggagagagaa tgatcacaat 60
 aaggggtggc ccagaatcac caagatatgc agttcaacta atcaatgcac tcattcaaga 120
 tctgtctaag gaactggaag acttgattcc taaaaatcat atcagaacac ctgccagcac 180
 caaatcaatt catgctaact tctcatctgg agtaggtacc ccagcagctt ccagtaaaaa 240
 tgcatttctt ttgggtgctc caactcttgt aaattcacag gcaacaacgt tattttacgtc 300

<210> 86
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

<400> 86
 gaattccatt accanatgct actngctctt tgttgcttta tcncnangcc atcgattcga 60
 atnaggacg agncganngg tategncann gatngntntn ntncgctcnt gacctatang 120
 cttngnatng ggatnnagng acagtntcnt gnnaaacatc tatnacnntn atganggcta 180
 tcnntttaat gatnttgaga atnatgacng gcttgatgac tanaacaatg cngaagatna 240
 ncgccactga tgggtgnaca tacttccctc ttttactact cgctnacaa tcacaatctg 300

<210> 87
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 87
 gtgcgctgtc caggaatgac gtgctgaagc aggaggtgcc agagggcttt ccctttgccc 60
 atgtcctttg ggcaggatgt ggatgcagct gtcggggcag ctctgggtcat gctccggaga 120
 cacctcaacc agaaggaatc ttagacagca aactctttcg ccaaagcact gctgtgaatt 180
 ttacctgatt aacattctctg acaccatctg tgggtcatcc tttccctgga ccgttcagtg 240
 gacagctttc aagcagtgtc tgttgtgagg tcccatcttg gccaagaact taccttcaga 300

<210> 88
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 88
 ccaaggagtt ttccaccctg ctctcatggt cacagcgcta gtcattcatt tttgagaagt 60
 tgcttctttt acatcagaaa accagtcaat catatggaga cttcttttgt gatgaaaaag 120
 ggcttttagaa gttaaatata tgcattgcaca tgaaaacatg cacaaccaca gcctcaatct 180
 tgtatttagt ttggggaaag agaagagaat ttctgtgga ttattttttc ctcaagtgca 240
 cctctctggt taacccaaac tctgcaagaa agcactgtga ctaaaacata cataacgcct 300

<210> 89
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 89
 agaaatcgga acaaaagtag aagttgtgga aaggaaagaa catttgcata ctgacatttt 60
 aaaacgtggc tctgaaatgg acaacaactg ctcaccaacc aggaaagact tcaactgaaga 120
 taccatccca cgaacacaga tagaaagaag gaaaacaagc ctgtattttt ccagcaaata 180
 taacaaagaa gctcttagcc cccacagcag taaagccttt aagaaatgga cacctcctcg 240
 gtcacctttt aatctcgttc aagaaacact ttttcatgat ccatggaagc ttctcatcgc 300

<210> 90
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 90
 ttgattgtca taacaattag tggatgtgtc cagttctctg tatctttgac ttgatgcttt 60
 atacatcatt tcatttgttg cttctaaggg aataagccat agaggcttct ccaggtttaa 120
 aagaacagta aagtacctgg aaaaccaaca tttttgaatg tatggacact ggacatgaga 180
 tatgtacaat gaaatcttaa aagaatctaa gaatttgccc tctttgcccc actccaccca 240
 gtaatttgac attactagtg ccatgtatag gacccaactg agtattagaa tcagttttga 300

<210> 91
 <211> 267
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(267)
 <223> n = A,T,C or G

<400> 91
 ataggaaagg gaagcccatt tcccaggtca aagcctttgc ttactcgttt atgtttatatt 60
 tatttttgag acagagtcta gctttgttgc ccaggctgga gttgcagggt caatctcggc 120
 tcattgcaac ctccgccttt tggattcgtg cagttctcct gcctcagcct ccaagtgggtg 180
 gggatcgag gcacacgcca ccatgcttgg ctaatttttg nnnnnttann ggctgnncn 240
 gngaancctn nnnntnctn nnnntnc 267

<210> 92
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 92
 aaaaattgtg atgtaagtgg tacagtgggg agaatttagg gctctcagaa tgcagaaaac 60
 tagccacctc cagttctgtg cctgaccacc atctgacttt ggataaatcc cttctgctct 120
 cccacctagc tttatcattt gtaaaatgag tctctaggta cagcccttcc tgggttgaga 180
 cagagtttct gaggagtaaa agccatgtca ttgtggaaac aggagctat tctcacagct 240
 ggcagtagcc cactactccc ctataatcag tgctgataaa ctgctctcat ttgttgact 300

<210> 93
 <211> 277
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(277)
 <223> n = A,T,C or G

<400> 93
 agtgtatcca gatctaagta atctcagtga actatacatt gcctaaaaag tggttttgta 60
 atgatttgta gtcacatttc tattgggata tgnnnnnnnn aaggcgaaat gcttaaagtt 120
 ctttttattt tttaaaagca gntagataga cacagacttg ccacctnata catctgctcc 180
 ttggcaacat cnnnggggaa nnactagccn acatgcctat ggctaaaaac ttnctttg 240
 nnactancgc nctgnttggn gcttcngntt ntannnt 277

<210> 94
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

<400> 94
 attcggcacg ancccaatcc ctgggagccc ctggtatcca aagggccag ggaccctgtt 60
 gcgctgccct ggccctcgga ttcgaggctc ccctagggcc gtgcctgtgc gtgtgcgtgt 120
 gcgtgtgtgt gtgtgtgtac tgcattgcca ccgggtagc aagctggtgg acagatctgc 180
 tctgtggagg ggcgggcacc agntccactt atgtgcctgt gctccgagg ccaatgggct 240
 gcagggcctg cttggaggaa ggatttgtgt gtaggaggcc tctccgagg caattctgtt 300

<210> 95
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 95
 aaaaactgct gtcaaggctt gaagagccgg cacactcaat ggcaaacaca gcaccgagtc 60
 tgctctgaat cctggaggat ctggccctcc tctcaacccc cactcacagt caccgtctta 120
 caactcaggg ccacctggga tcagtcatca gtcagggtgc gtaagccttg aataccaggt 180
 agcctcagga gtgaaaagat aaatgtccta gatcattacc ttattcagtg tccccacctt 240
 gcagcgcatt ccaaccacct gggagcattt aaaactccag atgccacac cacaccctgg 300

<210> 96
 <211> 283
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(283)

<223> n = A,T,C or G

<400> 96

gtaacctgac	acccagggag	ggagggaggg	aggggctggn	nnnnnnnnnc	ctgnannngn	60
ggnetcacct	gttctnnntt	ntntntntt	tnntntang	ntcacntng	ttancatntt	120
ttntancttg	ntttatttn	ntttntttt	ntnanccttn	ttntnttgt	tnntttctt	180
ttttncntt	tatttttgn	ttctncctn	ntntttntg	ttttanttn	ntntttntt	240
ttnttttn	ntttnnntt	ngnttctnt	ntntgtctt	ttt		283

<210> 97

<211> 277

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(277)

<223> n = A,T,C or G

<400> 97

gtttcacatt	tgctgccatg	agcaaagagg	aggctgcacg	gtacaatttt	gtgatgctgg	60
ccctgtcctc	ctcattcctg	gtgttatect	atctcttgac	ccgttggtgt	ggcagcgtgg	120
gcttcattct	ggccaactgc	tttaacatgg	gcattcggat	cacgcagagc	ctttgcttca	180
tccaccgcta	ctaccgaagg	agccccaca	ggccccctggc	tggcctgcac	ctatcgnnnn	240
nnnngnncgg	gacatttgcc	ctcagtgggtg	tggttnc			277

<210> 98

<211> 300

<212> DNA

<213> Homo sapiens

<400> 98

aagactttgg	aaacacacat	taaaatattt	catgctccga	acgccagcgc	accaagtagc	60
agcctcagca	ctttcaaaga	taaaaacaaa	aatgatggcc	ttaaacctaa	gcaggctgac	120
agtgtagagc	aagctgttta	ttactgtaag	aagtgcactt	accgagatcc	tctttatgaa	180
atagttagga	agcacattta	cagggaacat	tttcagcatg	tggcagcacc	ttacatagca	240
aaggcaggag	aaaaatcact	caatggggag	ttcccttagg	ctcgaatgcc	cgagaagaga	300

<210> 99

<211> 300

<212> DNA

<213> Homo sapiens

<400> 99

gctagactca	agctgtctgg	agagtgtgaa	acaaaagtgt	gtgaagagtt	gtaactgtgt	60
gactgagctt	gatggccaag	ttgaaaatct	tcatttggat	ctgtgctgcc	ttgctggtaa	120
ccaggaagac	cttagtaagg	actctctagg	tcctaccaa	tcaagcaaaa	ttgaaggagc	180
tggtaccagt	atctcagagc	ctccgtctcc	tatcagtcgg	tatgcttcag	aaagctgtgg	240
aacgctacct	cttcctttga	gaccttgtgg	agaagggtct	gaaatggtag	gcaaagagaa	300

<210> 100

<211> 300

<212> DNA

<213> Homo sapiens

<400> 100

aagtcctatg	aagcttttgg	acagcatgtc	atcgaagacc	atgaacgtat	aggctatcag	60
gtcactgcc	tgattgggca	cacaaatgta	gtgggtcccc	gatccaaacc	cttgatgcta	120
attgtcctca	aacctcaaga	caagaagagc	atgggactcc	caccaaggat	cggttccctt	180
gcttctggaa	atgtccggtc	tttaccatca	cagcagatgg	tgaatcgact	ctcaataacca	240
aagcctaact	taaattctac	aggagtcaac	atgatgtcca	gtgttctgta	taaaatgcaa	300

<210> 101

<211> 300

<212> DNA

<213> Homo sapiens

<400> 101

atgttgccca	ggctggtctc	aaactcttga	cctcaagcaa	tactcctgcc	ttggcctccc	60
aaagtgctgg	gataatagga	atgagccatc	atgcctggcc	gaacttattt	ttaaattctt	120
tgggaatcta	aaaggactat	gtgctttctt	ttttactgga	ttatgtgaga	agataatagt	180
ttgcagagaa	attcagtga	gcagctgata	aaatgcttta	aaaatatatt	tcagagaatt	240
gagcaataac	agtgatgtca	aaatagtagc	cccaccttct	ccagcccacc	taaaccaaca	300

<210> 102

<211> 300

<212> DNA

<213> Homo sapiens

<400> 102

gatgcaaggg	ctgaagctga	aacttcagag	agcatcggca	tttaaggaag	aaccttggct	60
gggcgtggtg	gctcacgcct	gtaatcccag	cactttggga	ggctgaggcg	ggcggattgc	120
ttgagcccag	gagtttgaga	ccagctggcc	aacgtggtga	aaacccgtct	ctactaaaaa	180
tacataaatt	agctgggcgg	tagtggcatg	tgccgtgaat	cccagctact	cgggaggctg	240
agagaggaga	atcacttgat	tctcctggga	ggcagagggt	gtggtagctg	agatcgtgcc	300

<210> 103

<211> 300

<212> DNA

<213> Homo sapiens

<400> 103

atttttagtgg	ttttacagtc	atttttcatt	taatatttac	agaagtccta	tgaataaatg	60
actgtgatta	gatactgtta	ttattaagga	aactgagcct	tagagagggt	aggtaacttg	120
tctaaggtag	agctatgata	caaaccggg	tctcattggt	tgggcatttg	tgtcagtcac	180
tgagtataag	gtaactggga	caaggagctc	aagcagctcg	tcgttttagta	tcagagacag	240
agagctcagg	ccatggcccc	actatgaaca	aagtggctct	aggacacaga	aaaagagtga	300

<210> 104

<211> 300

<212> DNA

<213> Homo sapiens

<400> 104

gcctgtagtc	ccagctgctc	gggaggctga	ggcaggagaa	ttgcttgggc	ccgggaggcg	60
gtggttgtag	tgagccgagg	ttgcgccact	gcactccagc	ctgagcaaca	gagcgagact	120
ctgtctcaaa	caaaaaccaa	aagacatcag	gaaacatgcc	tcttatggaa	tttgaggggg	180
aaaagtcagg	gtcttggcag	tgaccttgga	caagccatta	gcctcttgat	acctcttttc	240
tcatctgtaa	aatgaagggtg	gtagttacct	acttcacagg	gttattaggg	gattcaatgt	300

<210> 105

<211> 300

<212> DNA

<213> Homo sapiens

<400> 105

cagaggcttt	gctagtatcc	ttcaaccaat	ttctagtaaa	aatatcctat	ataaccataa	60
------------	------------	------------	------------	------------	------------	----

ttatcaaaac	cagaaaaaca	acattggtag	gatactataa	agtactaatc	ttatTTTtTgga	120
tttgacgaat	ttttacatgt	ttttttcttt	tttagtttgt	actctaagaa	gttggtattac	180
atgtacagat	tcgtgtaacc	actgcaacca	cataaaacta	atgaacacaa	agtcacctcat	240
gctacctttt	tatgcttaca	ctccatccaa	acctaactct	gcccaaccact	tttctcctat	300

<210> 106
 <211> 287
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(287)
 <223> n = A,T,C or G

<400> 106	
acctgagcta	gggttgagc agaaattgag ttgcagcttg cccttggtcca gacctatTTTt 60
ctgcttgCGt	ttttgaaaca ggagggtgcac gtaccaccca attatctatg gcagcatgca 120
tgtataggcc	gaactattat cagctctgat gtttnnnnnn nnnnnnnnna taatgcgana 180
gangccatca	cnntnctatt gtgtctnaa ntnngccntg ngntattcca tgnctntctn 240
ntatnnanct	ntacnaatan gttttacgtn atncnnttcg atttttg 287

<210> 107
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 107	
ccctggatga	aaacctaggc agtaccattc aggacatagg catggggcaaa tacttcatga 60
ctaaaacacc	aaaagcaatg tcaacaaaag ccaaaattga caaatgggat ctaactaaac 120
taaagaactt	gtgtgcagtt ttatTTTtTgga gtgtgtgtgg ggtacctctg agtttcaaaa 180
atgaagaaag	taagtagtca tgctttctcg actcttttgt agacatagcc tttaagacag 240
tcattctgag	ctgttatggg cttagggttc cctatactac taaaacttat tgatgacatg 300

<210> 108
 <211> 285
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(285)
 <223> n = A,T,C or G

<400> 108	
atgcccntag	tacgcaacaa ntccttctntg ctccaagagt aggaaaatta ctgttctntn 60
tgccagttag	attcctcttc tggattacc tttgcttcaa agtcacctgaa ttgcccattc 120
cccacttcat	agcacttatt gctatctgga attacactaa atgtcacctt catgatggta 180
ggcaatttat	tgcttagtgc acagttatgt ctagagaaca agcagctggc tcatagtagg 240
cactcaacaa	atatttggtc aatgaatgaa tttataaatg aatgc 285

<210> 109
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 109	
aattgtaact	tattccagga taaatgtcat atgcatatga ttttcatatg actttgatga 60
gtatcttcag	ggaaaattcc taaaaatgaa attgctggat taaggggtaa atgcatgtat 120
agttttgtta	gacagggccca catacccttc cttagaggta gtaccctttt gtattcctgc 180
cagtaataata	tgagagtcca cagagtatgt ggtaaagctt tagaatgctt gtccatctga 240

tagggaagaa atcgtgttgc cttaatttgc ctttctttta ttatgaatca gattttaatc 300

<210> 110

<211> 300

<212> DNA

<213> Homo sapiens

<400> 110

cagccaatag	ccatgtaact	gagcttggaa	gaggatcttg	ctgtcctggc	caacatctca	60
ctgcaattct	atcagttgaa	ttccctggat	agtccaagct	ttgtggatcc	ctccaccaga	120
acaactggat	cccagtacct	gaatcctgaa	tcttagactc	ttatacttca	aacactgatc	180
acgggaacag	ccggctcagc	agctcctgag	ttcctaattg	tcagaacatg	gatgagatga	240
taaatgtttg	ttgtgttaag	ctgccaacct	ttggcggggg	ggtattcgtc	acaggcaaca	300

<210> 111

<211> 300

<212> DNA

<213> Homo sapiens

<400> 111

aagcaacttc	ttgcctcttc	tcaatataga	attcaaagat	ttgagagggt	ctgcaagctt	60
tttctgaaa	ccaagtacct	ctggtgacag	tttacaaagt	ggaagcattc	cattggcaaa	120
tgaatccttg	gagcacaac	ctgtatccag	tttagcagaa	cctgacttga	tcaactttat	180
ggacttccca	aaacataacc	agatcataac	tgaagaaaca	ggctctgcag	ttgaaccaag	240
tgatgaaata	aagagagcca	gtggagatgt	ccaaactatg	aaaatttcat	ctgtgcctaa	300

<210> 112

<211> 300

<212> DNA

<213> Homo sapiens

<400> 112

ggccggttat	tctctcttta	cagatagcta	tagacatcat	tttaggaagt	gttgcagtct	60
ggcatttgtg	ctattgttca	ttctctgtga	aggctgttca	tagttgctat	agcctgtgtt	120
tagttttgtg	atttcatcaa	tcccatcttt	ctgagtgatt	aatgcattct	aaacatccta	180
ccccacttta	taaacggacg	tggggaacgc	ttggctcatt	aagccaacaa	taaattttatg	240
ggaatgtccc	taagtgttta	ctgtctttat	ccagtcaagg	atttgctttt	ccttgaacat	300

<210> 113

<211> 300

<212> DNA

<213> Homo sapiens

<400> 113

gacttgaaaa	aaagtcacat	ccagcaaattg	cagggtcaca	tgaaatatgg	gcctcctgga	60
atccctacag	tgatgggaga	ctggctcata	ccttgccaga	tccctctctc	agttccagcc	120
ttctggacaa	ggcctgggct	aagaggagct	gattcgttat	ctcttcaccc	actgccctct	180
cagtatcacc	agtcccaaag	acaggatacg	tcctgttaac	ccaatctctc	ggttgattga	240
tagcagaaca	gctcttggtg	gtctgagaag	gcaggataag	tgaccacata	tttatgccac	300

<210> 114

<211> 291

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(291)

<223> n = A,T,C or G

<400> 114

gggggggnnaa	aaaannnatt	tnannnnnttt	ttttncaaan	nanagggggn	tntngntttt	60
tnnattaaaa	nnnccggggn	nnnnccatnn	ngtttttttt	aaaaannntg	gnaannctnn	120
ggngtngggg	cccctnaant	gttttnaaag	acnccccctt	ccaaattttg	aaaacattgt	180
aattggagaa	gaaggtanct	ctgcaagggt	aatctgtcat	tctcaatttg	ccttattgtc	240
ttgtttatta	agatgttgga	aaagcaggag	gtagctgtgc	ctcaattatt	g	291

<210> 115

<211> 300

<212> DNA

<213> Homo sapiens

<400> 115

aaacagaatc	cctttttcct	ttttttgtta	aaagtactca	tccctaatat	tacattgttc	60
tggaaggact	gaaaataaca	gaactcagca	ccatgatcgg	accgggacaa	tcagattatt	120
tcattcctca	gcaaacggag	atcgatccga	aaagtggaaa	tatgagctct	tctttggtgt	180
tggcatatgg	accctgagag	aaagaacttt	aattttttct	cttggactgc	aataaagtat	240
agctgcctaa	aatacgtttc	ctgacacttg	gaggtttgtc	cacaatcggg	aaaaaaggca	300

<210> 116

<211> 300

<212> DNA

<213> Homo sapiens

<400> 116

aacagaatcc	ctttttcctt	tttttggtta	aagtactcat	ccctaataat	acattgttct	60
ggaaggactg	aaaataacag	aactcagcac	catgatcggg	ccgggacaat	cagattattt	120
cattcctcag	caaacggaga	tcgatccgaa	aagtggaaat	atgagctctt	ctttggtggt	180
ggcatatgga	ccctgagaga	aagaacttta	attttttctc	ttggactgca	ataaagtata	240
gctgcctaaa	atacgtttcc	tgacacttgg	aggtttgctc	acaatcgggt	aaataaaggc	300

<210> 117

<211> 298

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(298)

<223> n = A,T,C or G

<400> 117

caaaggccct	ggggctcctt	ctagctggag	gaatgcaagg	ctagcttgct	tggagcactg	60
agaggatggc	ctgaactgag	tggagagaga	cagaccagga	ccaaaccatg	cagaggtcaa	120
gggccacatt	caccttttca	gagtgactca	atcaaatttg	tagtttgtaa	aagtatttta	180
acagetctgc	ggcaaagtgc	aaatgaaaag	tcttgatggc	atggactgga	gcggggacag	240
tggggatgga	gaaaggggaa	tggattggtn	gnnnnnnnnn	nggtanatnc	atgtgaac	298

<210> 118

<211> 300

<212> DNA

<213> Homo sapiens

<400> 118

cccgtctgagt	ggcagtggca	ggaagtcggt	ggaagcagat	ccctgtgcag	aagttgaatt	60
accaggcgcg	ccacacacgg	gtgcacacac	ctttgcagtc	gtgcacggca	agtgggatgt	120
ggcctccgcc	catgattggg	cacctggtca	ggctgggaga	tccaaatagc	acccagtggg	180
cagctgtccg	accctggag	gggcaagcca	ggaaagaaac	ttagggcccg	ctgtgaccag	240
atgtccctcc	cagttgggaa	gactaaactg	gtttggccaa	tatctcccag	gattccccctg	300

<210> 119

<211> 300

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(300)
<223> n = A,T,C or G

<400> 119
gaaagcagat gtagtagaca tctactgttt ttgcctaaac agaatccctt tttccttttt 60
ttgttaaaag tactcatccc taatattaca ttgttctgga aggactgaaa ataacagAAC 120
tcagcaccat gatcggaccg ggacaatcag attatttcat tcctcagcaa acggagatcg 180
atccgaaaag tggaaatatg agctcttctt tgggtgttggc atatggaccc tgagacnAAA 240
gaaccttaat tttttctctt ggactgcaat aaagtatagc tgcttaaaat acgtttctctg 300

<210> 120
<211> 300
<212> DNA
<213> Homo sapiens

<400> 120
at ttgagaca ctggtttaaa tgaaaatgga tataaggat gtataactgg ggggtggggtg 60
agggtaggag gcatttaca ctcagatttt atttattttg aaattatcaa ttgtataaat 120
ctaatttatt accaaatagg gtctttttaa aaatattttt atcgttgaaa ccttgacagg 180
tacttcatat tcttctaata atttaaacag tccaataatg tgggtatacac tttgacatcc 240
aagaactcac caagatgttt ttcagagatt tattctcgat ttaactatca tagcatttaa 300

<210> 121
<211> 300
<212> DNA
<213> Homo sapiens

<400> 121
ggagaactgc tcactccttt tccctcccca tacaaactca aagtcccctg ggccccaatt 60
cagagttagt ttttttttgg cacatactag aaaggcagt cctcagccct tccctgaatc 120
catggagggtg ttctgtttgg ggcttttttag actgctgctg ctcagctggt tgcttgaact 180
gacagtaggc cagcctgttc tctgccattc cctagtcatc ctgtgcctca ccacagcttg 240
cttagagcaa gccttttctc agaccttagg cacagcctct cctctttacc tgatcaatgt 300

<210> 122
<211> 300
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(300)
<223> n = A,T,C or G

<400> 122
ctttagaaca tatcactact aagtatcagc ttatcttcag aacattacaa cattcaccgt 60
gttcatatgc tttctgagaa gtcaccactt gtaatttcag atcacatata cctgaaggca 120
ttttatagtt cctaaagtta acatgttaga tctttttttt ccaccccatg agggctctcac 180
tctcaccctg gctggaatgn nnnnnntga ttgtagcaca ctttgccac caactcctgg 240
gctcaagtga tcctctgctt ttggcctcct ctgagaagct gggattactg gggcacacca 300

<210> 123
<211> 300
<212> DNA
<213> Homo sapiens

<400> 123
 caccttttcc cagttttcca ataacacatt cctcttttcc acctgagacc tcaccagaat 60
 cacctttaat gtctatatcc ctaccaatag tctttttaag gcaatatagg ctttctctaa 120
 catgcacttc aaacttcaag atggagggga tgccatacaa caggactatg tgatgggttt 180
 tggctgtgtc cataggaagt cacaacaggc aagggaaaga aaccagaacc cagtcatgga 240
 gttagaagt gagtcaaga gtagatgggt agggacagtg aggtaaggcc tctttctaag 300

<210> 124
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 124
 ggaactatgc ccctccact cccatcattg ccaattaagt ctttttcct taaaaatcag 60
 ctaaacatct ttcccttga tcccttagtt atgtactctc attcttcgtg tactccatgt 120
 gattcaatag cacagatact tcagtagcac ttaccataat tgccatgaaa taattgtgta 180
 gtttgcttaa tattgtttc tcatattaga atgtaagctc catgagagct aggatcatgt 240
 ctgatttctt tgccattgta ttgcagtgc taaaacaata ttttacaat ttaagtaatt 300

<210> 125
 <211> 276
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(276)
 <223> n = A,T,C or G

<400> 125
 accatttctg tacaacacaa gctggccttg gcagtttcgg tgcatagaaa atcaggtcct 60
 acagctcgag agggcagagc cacagtcctt ggacggcgtg gactgaggcc ggatccttcc 120
 tggaggcctn nnnnnnnngg ggaccccagn anctcatcat cancattgct ggagccaagg 180
 agtctgntac ccacgtnnnn tngnggatgc ccgatgncng ntttggtntt nttgaentgt 240
 tntgtntnaa ntnnttnnng nttctantnn tctgat 276

<210> 126
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 126
 cctggcagtg ttgtcagctc aacctgggtg gttcagttct gtcctgaggc ttctgctctc 60
 attcatttag tgctacgctg cacagttcta cactgtcaag ggaaaaggga gactaatgag 120
 gcttaactca aaacctgggc atggtttttg ttgccattcc ataggtttg agagctctag 180
 atctcttttg tgctgggttc agtggctctt caggggacag gaaatgcctg tgtctggcca 240
 gtgtggttct ggagcttttg ggtaacagca ggatccatca gttagtaggg tgcagtgcag 300

<210> 127
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 127
 cataatcgca aagtgaaca tgaagctcta ggcagtagtc tcttgactgg cccagagggga 60
 cttttggcca aagaacgaga gaacttaaag cgattaaaat gtctgcgacg ataccgccag 120
 cgctatggag tggaagcctt actgcatagg cagttgaagg aacggagaat gctggccaca 180
 gatggtgctg cccaacaggc ccataccact cgttccagtc agaggtgctt ggcctttgtg 240
 gatgatgttc gttgttccaa tcagtctctt ccaatgacca gacactgcct taccatatt 300

<210> 128

<211> 300
 <212> DNA
 <213> Homo sapiens

<400> 128
 aggtgcatag agttttgcct ataateccaa cactttggga ggctgagatg gggagatcgc 60
 ttaaggccag gagttcgagg ccagcctagg caacatagca agaccccat ctctattaaa 120
 acaaacaaac aaacaaaatg ttaaataaag gaagcagatg agtatgtgct aactaggctg 180
 gcatgtgtct ttgttggtga catggagcct ctgtcatccc ctcacagact gcatacgagg 240
 attggttcat caccctctac aacgtgctgt acaccagcct gcccggtgctc ctcatggggc 300

<210> 129
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 129
 gacccaggta gaccagctca agagttcatg ttctttgtca tcctcctgtg agctctctgt 60
 aagtctcttt cttgcccac accacatccc tagtactggg tatcagtctg gccacttggc 120
 tttctggttt gccccaatgt ggtctattct tgatgcagct accaaagtaa tgttttaaaa 180
 ccattatacc aagttactat ccttgtcaaa acccccagta actgccaatc tcacttagaa 240
 taaaatccgg actcctgtga agcacagcat aaactggcca ctgcctatgc agcaacctca 300

<210> 130
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

<400> 130
 gtcgaatgaa tcctttgtcg ccttttagctt ttagtccttt gaagagaggt gagagtggaa 60
 atcaagagat ttttttccac ggggaagttc tttttacaaa gcgttgattt ctcggcaccc 120
 cgcggggcgg gcaactgaca cggcctccgg tgcaccttct gcgtgtgga gcctctgggg 180
 ctgagctggn nnnnnntcgg gtcgtgnngc ggtagggcgg gagcgngnga agggaaaagc 240
 naangctgga aaagaagcag ggcagttgng aaccagacat ccagacctcc tgaagggctc 300

<210> 131
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 131
 ctggactctg agtcgtcttg gtcccaggag ccagtagtga aggcaacagt ctgcccacct 60
 gtggacacca gatcctggga gtccttggtt agcaagttag atctctggga tgtcagttag 120
 gctggttgaa gaccagaggt aaactgcaga ggtcaccacc cccaccatgt cccagggtgat 180
 gtccagccca ctgctggcag gaggccatgc tgtcagcttg gcgccttctg atgagcccag 240
 gaggaccctg caccagcac ccagccccag cctgccaccc cagtgttctt actacaccac 300

<210> 132
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 132
 aaaacttttg gccatttcag aatttagaga gtttaatgaa tgtgcccttg ttttaagtata 60
 aaagtacagt tcaagtttgt aactccatac tttgtccaaa gactggacgg gaaaaaagaa 120
 agtcaccgga aaaccggttc ctgagaaaag tcctcaaacc agacatagaa agagaaagac 180

ttaagaattg	cctgggctca	ccttgatcgt	aagttgacag	tgctggactg	gcagcaaagt	240
gaccgttga	gtttaatgag	aggaatatac	tcatcatcag	tctatttaga	agagatttcc	300

<210> 133
 <211> 294
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(294)
 <223> n = A,T,C or G

<400> 133						
tagggttaann	cngnannaaa	angngcanta	ngttnagacn	ngncnnncnn	tnacnatnnn	60
ngantagaac	atntctatnn	ngnnnnnana	tnnnnnngn	nnaanagggt	tnatggnnag	120
nacntctnc	ncnnnnatcc	attctcatca	gcactgtccc	aggatcctgg	agagggagaa	180
cccctggccc	caggggaaag	agggcggggt	ctcccgtttc	ctgtgcctgc	accagccctg	240
ccccattgc	gtctgcacac	ccctgcgtgt	aactgcattc	cataccaact	aata	294

<210> 134
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 134						
ccaatggatg	caggaaaact	gagatgggat	ttccccacgt	tgcccaggct	ggtctcctga	60
gctcaaagca	atccagattg	ctgggattac	agctgtgagc	caccgtgcct	ggctgagatg	120
acttttaaaa	aaagacttct	ctaaagtaga	aggaagggtg	gaattgtatg	cacaagaaga	180
aaaaaacctg	gaagaaaaac	atactaaaga	ggctggagtg	caatggcgcg	atcttggtct	240
accgcaacct	ccgcctcccg	ggttcaagtg	attctcctgc	ctcagcctcc	caggtagctg	300

<210> 135
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 135						
agactcttca	ttctatcacc	ctgtctcaca	aaagacttgc	ccaaggctac	gaagcaaggc	60
agtgactaga	gtccagacat	cagaactagt	tccatgtttt	ttttttcact	accagtcctt	120
aggcccaaaa	ccgcagatcc	tgctgtgtga	ccattaagcc	cctgactgtt	ctaggctcaa	180
cttccaaccc	tttctgcagg	tcctattacc	tctgcctcat	cctcccaaca	tgataaccag	240
agtcttcctt	cacattgtac	tgccctaccc	cttatgttcc	caggctctcc	cttggtttta	300

<210> 136
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 136						
gtgtgcttgt	gaaagtgtcc	aggcgtgtgc	acagccagtg	cgcccacttc	cgggctcctt	60
gctccctgct	gtactgaagt	tttgattttt	gcatccaatc	ctgtgtgcct	gcccttctgc	120
cgaaggcttg	tgaggggctt	gagtcctctg	cccatcagga	tgacaggctc	cttcctgcag	180
ggccatagga	gggaagtgtt	ggaaacacag	aatgattcca	aggtgctctc	gttcctgagg	240
gggactgggt	tgtaaccat	gacatctgtg	ggcgagagag	gcagctggga	gcaggacact	300

<210> 137
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 137
gctgcatctg caatgaggat gccaccctac gctgcgctgg ctgcatggg gacctcttct 60
gtgcccgtg cttccggtg gtgcaggtgg aatgttctgt gcgagagctc aagggctgcc 120
tgatccctg acttgatcc ctttgttcca cagagagggc catgatgcct ttgagcttaa 180
agagcaccag acatctgcct actctctccc acgtgcaggc caagagcact gaagacaccc 240
tggtcctccc ggaagggcag tcccacaggc agcggcacc atttctgggc cccgccacag 300

<210> 138
<211> 300
<212> DNA
<213> Homo sapiens

<400> 138
gcagggcaga gttctacctt ctcaaaccct ccagccggca catcacacac cggaggccag 60
gaccaagcc cagcagacac aggatctgct aacgcagctg gcagctgagg ttgctatcga 120
tgaaagctgg aaaggaggag gccagctgc ctctctccag aatgatctca accaggggtg 180
cccagggagc actaattcca agaggcagg caactggctc ttggaggagg agaagagcag 240
actgctggct gaggcagcac ttgagttgag ggaggagaac acgaggcagg aacggattct 300

<210> 139
<211> 300
<212> DNA
<213> Homo sapiens

<400> 139
aaaagatgag tgattttgtg tgggaaaagc cttcccaggc gtctgtaccg aaaggagcag 60
caaacaagg gctaattccat gagcagtggt ctgtaggctc tgtgacatct ttggtttata 120
ggattttgga gccttttatg atctggaact atttgagggg ttctattata ggccttggtt 180
ctctccaggg gccagatgag tttattgtgg aatctttgaa aggacaaggc ctctgtgaat 240
gaatcagtc caggaagca tttggtggtg gcggcagtgagg aggttgccc ggtgaacct 300

<210> 140
<211> 300
<212> DNA
<213> Homo sapiens

<400> 140
ctgctccgag tcaggcgagg taaaaggcat tttacatag ttacaaccgt gctctgaggt 60
gggtgtgtgc ttcttttgcc cgaaaaggaa acagagaggt taagaactcc cccagagcca 120
catggacaga gctgggatcg aaccgaggct ccaagtccca gtgttctttc cagtacctca 180
tgcatagacc agccttttcc tcatcaggca gatcctgcag aactggcacc tgggttgac 240
tcagtggcct ctctgacgcc ccgcctgtgt ggacctctcc acccctgcc ttggcagcag 300

<210> 141
<211> 300
<212> DNA
<213> Homo sapiens

<400> 141
gccacattct gaggaacatg tcatgttctg ggagggttaa ggcatcaagt aaggcctgtg 60
gggtgaggag atcccaggca aggtggggca atccagagcc atgggggctt cccatgggaa 120
ttgggaggtc ccaaggcaga gtcagaggtt ccacaggagg agtcagagag tcaccaaggg 180
ctctcctggc ccaggagcga gtcaacacca tggactgaac acttgctggg ctccaacct 240
tgggccaggc tgcccatgtg gggccaggag gcagctcaga gtgggaggca gagagagaag 300

<210> 142
<211> 300
<212> DNA
<213> Homo sapiens

<400> 142

ggagtgtgtt	cctcttgacc	ctggggctgc	atctcctcgt	tggtagcttc	ctggggttca	60
gaccctgcc	cctcctccat	tttggggagc	aagatctcat	ctgtctctgg	gacaggagga	120
cctgggttct	gcactggtga	ggctgagtgt	ggggagcagg	ctctgagccc	ccagctcccc	180
gtgtccctg	ctccccaggt	gtacagtgcc	accaacgtgg	agctggtgac	acgcacacgc	240
acggagcacc	tctctgatca	ggacaagtcg	aggagcaaag	cggggaagac	tccattccag	300

<210> 143
 <211> 300
 <212> DNA
 <213> Homo sapiens

caagcgccca	tggagctgcc	cctggagcag	gtgccccac	cgagagtgat	ggaaaagccc	60
gtcctcgcca	cctccaggca	tggccagcag	cgagcggctg	gctctgcagg	agaagtgtgt	120
ggtctgagct	ccgtcacggc	cgctcccag	agcccagagt	ccaagcccaa	cacgacttgg	180
aataaatgat	caagttatga	attaaacaca	agagaaatgt	aattaccaca	ggagccagct	240
gagaataaaa	tggattacgc	acatcacagt	cattaaacgg	tgatcacatg	cgcttttcta	300

<210> 144
 <211> 298
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(298)
 <223> n = A,T,C or G

gccctgcca	acctgctcca	gggaccagt	gtcttgggaa	gcttgggctg	actgggattg	60
cagactcccg	gtctggtgta	tagggccctt	ggcaaatccc	tattcctttc	tgggcctcct	120
tgaagagaca	gtgggctgag	cttctaggct	ccctttgatt	cttctgtgtg	tggcccagaa	180
tgggacagac	agactgagct	gggcacagaa	ataccatagt	gaçagaacca	ttcgaagacc	240
ctgcctgat	ggaggccccg	ggccagggga	ggaggcnmmn	nnnggctgtc	natctgaa	298

<210> 145
 <211> 300
 <212> DNA
 <213> Homo sapiens

gcgacacttc	cgctgcacg	agttcttccg	gggcggaggt	caccatggca	gctgccttgg	60
ctcggttgg	tctgcggcct	gtcaaacagg	ttcgggttca	gttctgtccc	ttcgagaaaa	120
acgtggaatc	gacgaggtag	gaaggggag	tgggtagaag	cggggaagtg	tgcgccttcc	180
ttcagccggg	gctttaagcc	ctcagcttgg	cgctcctctg	tttttccacc	gtaggacctt	240
cctgcagacg	gtgagcagt	agaaggctccg	ctccactaat	ctcaactgct	cagtgtattgc	300

<210> 146
 <211> 300
 <212> DNA
 <213> Homo sapiens

aattgatgag	ccttattaac	tatcttttca	ttatgagaca	aaggttctga	ttatgcctac	60
tggttgaaat	ttttgaatct	agtcaagaag	gaaaatttga	tgaggaagga	aggaatggat	120
atcttcagaa	gggcttcgcc	taagctggaa	catggataga	ttccattcta	acataaagat	180
ctttaagtgc	aaatatagat	gagttgactg	gtagatttgg	tggtagttgc	tttctcggga	240
tataagaagc	aaaatcaact	gctacaagta	aagaggggat	ggggaagggt	ttgcacattt	300

<210> 147
 <211> 300


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<212> DNA
<213> Homo sapiens

<400> 147
tggtcttcta gtgtttgttg ctattgttag aaagattatt agtgatatgt ggggtgtctt      60
agctaaacaa cagacacatg taagaaaaca ccagtttgat catggagagc tggtttacca      120
tgcattgcaa ttgttagcat atacagccct tgggtatttta attatgagac taaaactctt      180
cttgacacca cacatgtgtg ttatggcatc actgatctgc tcaagacagc tatttggaatg      240
gctcttttgc aaagtacatc ctggtgctat tgtgtttgct atattagcag caatgtcaat      300

<210> 148
<211> 300
<212> DNA
<213> Homo sapiens

<400> 148
attttgccat gtggcagttg gtttgtggag ttgggcaggt gtgaaagggg aaaactccac      60
ttctgaatgc tgcttctgcc ccctgggacc cagcacattg ttagaccatc ttcttgactg      120
aaaattctct cctgatgtcg agccctgcaç caccaccttc cttttcctaa ctatgaattg      180
atggcaaaagt ccactcaaaa caaccagtta agtgctcacg agagagtagt caagcacctc      240
cagaaagaaa ccgggttttt gttcacatag caggaagtga ctccctgggt ggtaatttat      300

<210> 149
<211> 300
<212> DNA
<213> Homo sapiens

<400> 149
ttcaccaata gaaatgtgca cacacgaact ggaaactgat tctgtgggçg acaagagtct      60
atagtaaacy ttatgacaga ttctttgaat gçgçtaatct cagactggac taaagttggg      120
attaaattta atttgtactt gagttcagtg cattgctggt ctgggcatag gaaatccagg      180
ttgctgggtga tgaacagctg aaaagagctg tgtcaccatg gttgtctctg tcagtcatgt      240
gaccaccctt acccttgtaa aatcaagcaa gggagagatt attttctaata gtaaagaaaa      300

<210> 150
<211> 300
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(300)
<223> n = A,T,C or G

<400> 150
gcaggagaat cacttgaacc ctggaggtgg cggttgçagtg gagcacagat catgccactg      60
cactccagcc tgggcaacaa aacgagactt cgtctcaaaa aaaaaaannn nnnnnnnnnn      120
atcctttggg cggttctcc caaatnttt tgaggggncc atggnaacn gcttnagctt      180
tgttttggca accccttgcc cnaagncgca tataggtggt tcttnacctt gtttccaagg      240
ctgaggaaca naaagtancc tntgttttga ggagnggaa gtttaagtatn cnttaatttt      300

<210> 151
<211> 300
<212> DNA
<213> Homo sapiens

<400> 151
agaaattaag gcctctgggt tcaatttttg gccccagtggt tgacctctgt gtaagcctgg      60
caggatgtct catttctggg tcaccttttc cttgccaaca tagtgaggtg tgtagacca      120
atcattgcta agagccttct aactcctaag acactaggtt tagtcagcca aaagcatgtg      180
attttcccag atttcccaaa ctçcttgtaa cctaattgaa agtacacaat gaacttgcaa      240

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gaatttaagc atccttagat gccagtcttc accttgggta ttttccagcc tcctcagtga 300

<210> 152
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 152
 gcaaaataaa tcatcagcag ttgggccacc tgaaaaagtg agacggttta ctctggatag 60
 acttaagcaa ctgggagtag atgtttccat taaaccacgg ctagggtgct atgaagattc 120
 ctttgtgata cttgaacctg aaaccaacag agaactggaa gccttgaagc agcgtttctg 180
 gaagcatgct aatccagcag ccaaaccag ggctggctcag acagtgaatg tgaacgtcat 240
 agtgaaagac atgggcactg atggaaagga agagctaaaa gcagatgtgg tacctgtgac 300

<210> 153
 <211> 293
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(293)
 <223> n = A,T,C or G

<400> 153
 gagcttcgga agctgccagt gccacaggga cccaaccccg tgggtggtggt gctgcagcag 60
 gtcttccagc ttatccagaa ggtgctgagc aaatggttga atgatgccca ggttgnnnnn 120
 nnggtgtgct ctatctttga taagtttgnt nntanactgc tgnatgactt tnanntcatg 180
 gtgcanaaat gtgaaagatg ctttgccaaa tatgntaaat antgcttggg gccttgttnt 240
 gaattttcnt caatntnnc atanatgatg natctttann gntcacccta ttc 293

<210> 154
 <211> 270
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(270)
 <223> n = A,T,C or G

<400> 154
 tatcagacaa tattttatta ttttttata gatgttctgc cacacaaaga acttggggtg 60
 taaggataag gcaaaagctc caateccatt attcagttct cctaggatgc accctcagg 120
 gagcctggcc agagttccga ggccnnnnnn nnnnnntgn cncntgntcn acnntgnnng 180
 gctncggcgc aggcnnngct gagnantncc atgangctga tagnannctg antctgccgg 240
 ngaacngtna gganagagac nttactcgga 270

<210> 155
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 155
 ctgcccggtg gagcgggtgc ttctcacctt ctgcaaccag tatggtgccc gcctctccct 60
 gcgcagacca ggcttggtg aggtgtgtg tgtgaagttc ctggaggatg ccctggggca 120
 gaagctgccc agaaggcccc agccagggcc tggagagcag ctacagttct tccagttctg 180
 gagttttgtg gaaaccttg acagccccac catggaggcc tacgtgactg agaccgctga 240
 ggaggtgcta ctggtgcgga atctgaactc ggatgatcag gctgttgtgc tgaaggccct 300

<210> 156

<211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

<400> 156
 ttgattaaaa acngcctcct taacctctga agactgattt tgctttatca tgtttcaata 60
 ataacatttc agaggttact ctgtagcccc agttgtaagc ttataaaaac aaactggaag 120
 gctgaggagg ttatgggctg gcagccaggc tatgtttaca gctgctggag atggcagtag 180
 ccttatactt tgagcaggta gtacatccca ggctgtgcta gaggtagatt tgttttttca 240
 cgtttgatct gtggctggtg gccacctttg ttgatttggg cttacgagtt tcatagtagc 300

<210> 157
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 157
 gttggcttgg tgtggatgca ggttgctctc aaggaggatc tggatgccct caaggaaaaa 60
 tttcgaacaa tggaatctaa tcagaaaagc tcattccaag aaatcccaa acttaatgaa 120
 gaactactca gcaagcaaaa acaacttgag aagattgaat ctggagagat gggtttgaac 180
 aaagtctgga taaacatcac agaaatgaat aagcagattt ctctgttgac ttctgcagtg 240
 aaccacctca aagccaatgt taagtcagct gcagacttga ttagcctgcc taccactgta 300

<210> 158
 <211> 295
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(295)
 <223> n = A,T,C or G

<400> 158
 ggtgtccaca ctgaagggcc agctgcagca ggagcttcga aggagctcag cacccttctc 60
 cccaccctcc ggccccccag agaaatgagc tcctgctggc atctggagaa caccctgtg 120
 cctgggacag gggaggaccc ttcttttggg cagccccccc ccagagcccg gtcccttggn 180
 nnnnntaagc tgnnnnnnca ctgggagact ntgnntantga aatnctnntc ctnggcta 240
 ttantcttan ncgngnggtn tcttncctgn nnccaagnca ncncatgcat gtttt 295

<210> 159
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 159
 aagcccgcca ccactgtgg gactttcttg tgggctcctc agctcccacc ccaggctggg 60
 gccagattg tgaggctgt gtgcatgtgt gtgtgtatgt gtgtgtgcat gcgtgtgtgt 120
 gttgtgggga tctggcctgg cccttgggga tggggctgct ggggactgcc ccccttccc 180
 ccgtggccag gcgctctgtg tgetgtgtgt gccccaggct ctgttgacct cgtccaggaa 240
 ctaacttacc cagcttggtc tctcctgagt cctccaccct ggccctgggat tggccaggga 300

<210> 160
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 160
 tgccctcagg cagccaaagc actttaaccc ctgcataggg agcagagggc ggtacggctt 60
 ctggattgtt tctactgtgat tcctaggttt tttcgatgcc acgcagtgtg tgctttttgtg 120
 tatggaagca agtgtgggat gggctcttgc ctttctgggt agggagctgt ctaatccaag 180
 tcccaggett ttggcagctt ctctgcaacc caccgtgggt cctgggttggg agtggggagg 240
 gtcaggttgg ggaaagatgg ggtagagtgt agatggcttg gttccagagg tgagggggcc 300

<210> 161
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 161
 cccagctgga cctgggtggc ctttcttagt gcctctgctg ggggaggaga gcctgtgtgc 60
 acgtggaggc taggaggtct caggtgctgc cctggcagca ccagagtgtg ggccggggccc 120
 gagtgtctgc cctcgggcc tcagggtggg gcacttagca ccagaaggg accaaaagca 180
 gggcatggcg gtgcagagga gtttgggagg tgtaaacagc cccatgcacg tggaggagga 240
 gctggccttc agccccagac cccacgctag cactttccac gctgcttgcc cgctgatgat 300

<210> 162
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 162
 gtccttgtcc agcctccaag acccacaagt cccttctctt gggaagcccc cctggcctgg 60
 aggtgcacca ggaagaagtg gtctggggct ggcactaagc catggcccag ggaagactgg 120
 gggacccact aggcaggat gagacctgca cgcagtggct cacagcagca cgatttgtga 180
 cagcccagg cggaagacac cgaacaccca gtgaagggtga ggggatcagc acggcgcgcc 240
 caccacgca cccacgcgct ggaatgagac tcagccacaa ggaggtgcga agctctgacc 300

<210> 163
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 163
 ctgacggagg ctttgctggc tgtggtgatg gggattgagt tgggggcaag ggtccctgcc 60
 tagactgttg acgtcccctg ggaaggggac ccaaggatga attggctgtg aaggatcctc 120
 cctgagactg gcaaggagg aggctgagca gaaggagtca tcatggagga gcggtgagaa 180
 catggaaccg gactccaaga tgacgatcta aagaccggg agcgagaagc caaggccagg 240
 ttctgggtgt agggccaga gaagcagaac agcccagagc cccaggtgcc tggcctggcc 300

<210> 164
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 164
 aggcagcagg tgaagaggca gggcccctga cggaggcttt gctggctgtg gtgatgggga 60
 ttgagttggg ggcaagggtc cctgcctaga ctggtgacgt cccctgggaa ggggacccaa 120
 ggatgaattg gctgtgaagg atcctccctg agactggcaa gggaggaggc tgagcagaag 180
 gagtcatcat ggaggagcgg tgagaacatg gaaccggact ccaagatgac gatctaaaga 240
 cccgggagcg agaaagccaa ggccagggtc tgggtgtagg gccagagaa gcagaacagc 300

<210> 165
 <211> 300
 <212> DNA
 <213> Homo sapiens

```

<400> 165
agacaaagaa aaggtggcaa tcatagaaga gttagtagta ggttatgaaa cctctctaaa      60
aagctgccgg ttatttaacc ccaatgatga tggaaaggag gaaccaccaa ccacattact      120
ttgggtccag tactacttgg cacaacatta tgacaaaatt ggtcagccat ctattgcttt      180
ggagtacata aatactgcta ttgaaagtac acctacatta atagaactct ttctcgtgaa      240
agctaaaatc tataagcatg ctggaaatat taaagaagct gcaaggtgga tggatgaggg      300

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<210> 166
<211> 286
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(286)
<223> n = A,T,C or G

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<400> 166
cttgacttcc aactgcccct gagatttgac ctccagtata aggggcaggc gggtgccctg      60
gagcgtccag tcctcattca ccgagcagtg ctcggttctg tggaaagact gttgggagtg      120
ctggcagaaa gctgcggggg gaaatggcca ctgtggctgt ccccgttcca ggtgggtggtc      180
atccctgnnn nnnnnnnna agaggaatac gccaaagagg ctacagcanat gcctgcgggc      240
tgcaggactg gncantgacc tggatgctnt antctggact gatcct                       286

```

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<210> 167
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 167
ggattctttc actgagcaca aagagttgtt ggggcttttag catctgactg atttttttac      60
ggggttgatt ctgaccatag gaagtatgca atgtgaatca ctatttacag agaaacctac      120
aacagatgct tgatgttgta gaaactggga catatagata ccaagcaaaa ttataagaaa      180
cctataaggt gttcaatacgt cttgtgtttc caaaattcac tgtacatgat cagtttggtg      240
ttcttgtagc acagttttta actgaaggaa ccagttgtaa cagtctcaat tttaactaaa      300

```

```

<210> 168
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 168
caaggctgca gtaagctacg atcacaccac tgcactctgg cctgcatgca ctctggcctg      60
catggcagaa caagaccctg tctctaaaaa aagagaaaaga aatcaaaacta atcatgctgc      120
tcatggattt ttccaataaa tttcttgttt tggcagggaag aaatgaacac tgggtattaga      180
cttaaagatt aaatttcctc aaacatgtcc tatctgtagt agttcaacta gacacctttt      240
aaagtgcctc taaattcatc agatggccaa actgtattta taatccactt aggcattttg      300

```

```

<210> 169
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 169
gcaagccagg agtgctggca caggcctgtg gtcgcagcta ctggggaggc tgaggccgga      60
ggatcgcttg agcccaggag gtcaaggcta cagtgaagccg tgatcatgcc actgcactcc      120
agcctgggtg acagagcgag accctgtctc ttaacaacaa aacccatgag cggcagcccc      180
ccagtccctg atggtggtaa agaatcctca agatcaaacc cacgcagtgc tgagagcttg      240
gcctgattct agggctgggg ctggagaaac tgctagagat gatgccgata gccagtgtga      300

```

```

<210> 170

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<211> 300
 <212> DNA
 <213> Homo sapiens

<400> 170
 caagagagag tgatagaatt ggcagtgaag tatacgaacc accctcctgc cctctggggt 60
 cacaatacgt gtacacttga ctgtgaagt gctgtgagag tgggtggaga gttcttcttt 120
 gaccctcagc ctgctggatgc ctctagaaac ctctgttga ttgcaggagg agtcggaatt 180
 aaccctctgc tttccatcct gcggcacgca gcagatctcc tcagagagca ggcaaacaaa 240
 agaaatggat atgagatagg aacaataaaa ctattctaca gtgcaaaaaa taccagcgaa 300

<210> 171
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

<400> 171
 ttgacagccc cccctagggt gaccnttaa ngatttgnt tttccctgg gcanccaacc 60
 tgcccanag gcnccagacc tgggntttca gctttgggnc caggctgccc aaaggnactc 120
 cnttatacnc ccggncctt ncncgaaana nggncttnc caagcaagcc cctangattt 180
 gtccctatan anggaaangt gtggcangcn catgagttna aattntttta ngcnattctt 240
 ataatacaaaa tctgaaggga aaaaaatgtt ttagttcttt cccactcgt tgggttcaac 300

<210> 172
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 172
 cctagtccca gagtcctgga gcggcatact gggggtggct gtgcagtccc agcatcccca 60
 acccagcatg tatagagagc atccatcctt acatccagct gacccatgcc catgctcctc 120
 cctgtggctg gaggttcaac aataacataa gtctcttctt tgccctccag atatttctcc 180
 ctgcagtggc tgggaaactt ggcaagagac cagaggaccc aaatgcagac ccttcaagtg 240
 aggccaaggc aatggctgtg ccctatcttc tgagaagaaa gttcagtaat tccttgaaaa 300

<210> 173
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 173
 cgtgctaagt gaaaaattgt tagtaaaaat aggttcatgc agtcttattg atcatgcttg 60
 taattctgaa gattccactt gtactttttg taaccatatt tctcttctct tccattctct 120
 agttgtgaga aaacccagtt gtccaataat tgtcaagctt tcctcggcct tagggaatga 180
 gactcaaga cttttctggg ccaagtgtgg tcgccgactc ctgtaatcct agcacttttg 240
 gaggccgagg agggagagct gcttgagcct aggagttcaa gactagcctg agcaacagca 300

<210> 174
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 174
 ggaaagagaa gcatgcaaca attagatccc tcaccagctc gaaaactgtt gaagcttcag 60
 ctacagaacc cacctgccat acatggatct ggatctggat cttgtcagtg actttatgag 120
 agtttctgcc acaagggtgcc caagaggaga ggaatgggaa gagggtccca gcacgtggtg 180

actgctgat	ttctgctcgt	tgcccttgaa	gataactggc	aggactgact	gtagaacact	240
ttgacttttt	tcaaaaagtg	atggaatttg	tacatccaaa	tgaatattgt	atagacaatt	300

<210> 175
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 175	
ctggaaacca	60
tttaccagaa	
agtgacgggc	
aaggagctga	
gatacgaggg	
cctgatgggc	
aaacccagca	120
tcctcactta	
ccagtatgcc	
gaggacctga	
tcagggcgaca	
ggcggagagg	
cggggctggg	180
ccgcccccat	
ccggaagctc	
tatgctgtgg	
gtgataacct	
tatgtctgac	
gtatacggcg	240
ccaacctgtt	
ccaccagtac	
ctgcagaagg	
caacgcatga	
tggggcgcca	
gaactagggg	300
ccggggggcac	
acggcagcaa	
cagccctcag	
caagccagag	
ctgcatctcc	

<210> 176
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

<400> 176	
cgaaagccca	60
tttcaagctt	
tgtgctgcct	
cttgatctac	
ctctttgtcc	
aggtggnnngc	
gctttgcctg	120
gaggatttgc	
atgcgtttat	
tgcgagggcc	
ttgtgcctcc	
aaggaaaatc	
cacctgcag	180
cttgtaaate	
tacagcctga	
ttacatcaac	
cccagagccg	
tgcagctggg	
ctcccttctc	240
gtccgcggcc	
tcaccactct	
ggtttttagtc	
aacagcgcat	
gtggcttccc	
ctggaagacg	300
agtgatttca	
tgccctggaa	
tgtatttgac	
gggaagcttt	
ttcatcagaa	

<210> 177
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 177	
accctctctg	60
gccacatgga	
ggcagtttcc	
tcagttctgt	
ggtcagatgc	
tgaagaaatc	
tgcaagtcat	120
cttgggacca	
tacaattaga	
gtgtgggatg	
ttgagtctgg	
cagtcttaag	
tcaactttga	180
caggaaataa	
agtgtttaat	
tgtatttcc	
attctccact	
ttgtaaactg	
ttagcatctg	240
gaagcacaga	
taggcataac	
agactgtggg	
atccccgaac	
taaagatggg	
tctttgggtg	300
cgctgtccct	
aacgtcacat	
actgggttgg	
tgacatcagt	
aaaatggtct	

<210> 178
 <211> 298
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(298)
 <223> n = A,T,C or G

<400> 178	
actgctcctt	60
cattcccaag	
aagaaaagac	
aagtactgct	
acttccaaaa	
ctcagacacg	
acttgaagg	120
gaagtgactc	
ctaattcctt	
gtcaaccagc	
tacaagacag	
tgctattgcc	
attaagctct	180
ccaaacataa	
agctgaatct	
cactagccct	
aaaaggggtc	
agaaaagaga	
agaaggggtg	240
aaggaagttg	
tacgaaggtc	
aaagaaattg	
tctgttccag	
cctcagtggt	
gtcggaggat	298
aatgggaaga	
ggaggatgcn	
ncatcnctgc	
nntacaggat	
gttactgg	

<210> 179
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 179
 gcaaggttgt gacattgtca cttttttgtt ctagactctt ttaaattttc tgcatttgcc 60
 tgaaaagcac ccttgtaaga atagatttct catggctcta aaaattattc ccaagaatac 120
 cttacttggt tcaaaaagcag actgtttctc ttcatttcat ctcaaatcag acttctgggc 180
 aagatgttct ttagagtaag caaacctaca acctaaaaat ctcttcaaga ggcatctctg 240
 gtctgtgac aagacctctt caaaaaccca cagtaaaact cccctccctc cagttggcca 300

<210> 180
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 180
 attacttaga agcttataac gaaagctaaa aagcaatttt aataggttca gtaaagccaa 60
 ctaccacata gattttactt aatatgtata agaatacaag ataaaagatc tttagacact 120
 ttacaaaact gccaaacttg ctaaagaaga tgaacctgat aaacagccac aggtacacag 180
 cctgtacact gaaatgtacg tgggaaagca cagtgcaga atttcttgag ctgtcctgag 240
 ggttatgtta accagagctt ctcaacctca ctacatattc aaatggcccg ggagcttttc 300

<210> 181
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 181
 cttctaaatg tctcctccc cacttgtttt attattactg tttttttctc tctttaatgt 60
 ttttttttat agagacatgg tctcactatg ttgcctgggc tgatctcaga ctctctgggc 120
 caagtgatcc tctgcctca gcctcccaaa gtgctgggat tataggcgtg agccattgcg 180
 cctggctctg ttactggttt tctaacctga gttacttagg atcatatttt cattcttttt 240
 taaaaagatg ggagttttct gaacttttcc ttaactaaaa agttggaatg catcttaata 300

<210> 182
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

<400> 182
 gtacggtttt gttgaaccat atcctgacaa cacagatgac acagctgaca ttcagatggg 60
 gacagtctgt gaggcagcat tacagggaac aaaaactgaa gctgaaaggc acctagtgtg 120
 cgagcgctgg gatttcttat gcaaactgga gatggtaggg gaagagggag cctttgtgat 180
 agggannnnn nnnngctgac tgaagaggag ctgaccacca cactaaaggc actgtgcatg 240
 cctgctgagg agttcagaga gcttaaagac caggatggag ggggagatga taaaagggaa 300

<210> 183
 <211> 298
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(298)

<223> n = A,T,C or G

<400> 183

gtctaatttt	ttccattttt	ctctcctctt	tctcaagtct	tctttttgat	tttacttttg	60
cttttcttgc	agttccttct	ttatcatgta	tgtgcttttt	ggaactcttt	ctgtcagtg	120
taaagtctgt	agagtttcca	gactgaagac	tcagctctaa	gcaaggtttc	acttgcgctt	180
caagattttc	ctgatacaaa	gacttttcca	tgtaactttc	atcactnnnn	nnnnnnngtn	240
tgtaaatcct	tttgattntt	gattnttccc	ancatataaa	nnntctntan	nncctcct	298

<210> 184

<211> 300

<212> DNA

<213> Homo sapiens

<400> 184

gaacagacaa	gttctgtccc	agcctctgct	acctctaacc	ccatggcatt	ctatcctttt	60
ctacactggg	cttccatttc	ttaccccaac	aatgatctgt	tcttccaggt	gctgtcattt	120
aatttcccag	acacttgacc	tccttctgat	ttgtgtactc	cctccaaggc	tgagttgcag	180
tgagtacaa	taatctgtgc	taattactta	tcttgccaga	agactcaaag	ggtttatggc	240
ttttactaac	tgaactctat	gctagatggt	agggataaat	ggttaacagg	acacagttct	300

<210> 185

<211> 300

<212> DNA

<213> Homo sapiens

<400> 185

aaggccttag	gctttttttt	tgtagggtga	gagtggggga	gagatctctt	gctctgttgc	60
ccaggctggt	ctccagctcc	tggcctccgg	cagtcctccc	acctcagcct	cccagagtac	120
taggattatg	ggcatgagcc	accacaccta	gccaggcttt	ttatattgag	ttgggtatat	180
atgcttcata	gccacacttt	ataatattgg	agtatagtat	taaattacag	cttggtgtca	240
agtcagtgtt	tctgtaagac	agtatatcca	atattggtta	gagtaacacc	tatttggtga	300

<210> 186

<211> 300

<212> DNA

<213> Homo sapiens

<400> 186

aaaactttta	gaaaaccaat	gtttggggcc	aagcaatggg	gagcttggcc	gacctcattt	60
ttttagtgat	tttgaactca	atctttaaaa	tcttggaaga	gaaggaaaaa	aagggtgtat	120
attcgtgtaa	tgacatccag	atctcactgt	tctcttggct	cctagtgtat	ggggaaaaaa	180
ggtgcgcccc	gggttgaccc	ttcagtaaca	cctgcagcca	tgcatcatga	cctccaggtg	240
ttcagaggcc	ctgcccatgt	gacacgtgcc	tggtacttcc	catacatgtg	cctctttaat	300

<210> 187

<211> 275

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(275)

<223> n = A,T,C or G

<400> 187

aannatnnna	tatnttannn	aacnnnaacn	naccnannnn	nnntanngaa	nntaanaatn	60
aangnacnnt	aangannnnn	ntgaaanacn	tncannnaan	tcnctaaaaa	nggnngtanat	120
gacttcccct	gctccgcatt	ttgtaaaatg	gcccctgggg	gagtgttttt	gctggatctg	180
ctccctctcg	ctctctcact	ccactacttt	ttggaacaaa	gtgatggcag	aatgcgggtg	240
tggtgggggg	cttttgtact	gttggtattaa	taaaa			275

<210> 188
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 188
 cctcctgtcg gggaggcaag gtggttttgg accagacagg cgtgtctaag ggttatggtt 60
 ttgtgaaatt cacagatgaa ctggaacaga agcgagccct gacggagtgc cagggagcag 120
 tgggactggg gtctaagcct gtgcggctga gcggtggcaat ccctaaagcg agccgtgtaa 180
 agccagtggg atatatgcag atgtacagtt atagctacaa ccagtattat cagcagtacc 240
 agaactacta tgctcagtgg ggctatgacc agaacacagg cagctacagc tacagttacc 300

<210> 189
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 189
 gaacaagcac agcccaagcc agatgtacag cacacacagc atcccatggt ggccaaagac 60
 aggcagcttc ctaccttaat ggcacagccc ccgcaaactg tagtacaggt gcttgacagt 120
 aaaaccacgc agcagctccc taaactgcag cagggtccga accaaccaaa aatctacgtg 180
 caaccccaaa cccccagag ccaaagtgcg ctcccagctt cttcagagaa acagacggca 240
 agccaggtgg agcagccaat tataacccaa ggatcctctg ttacaaagat aacttttgag 300

<210> 190
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 190
 cgaaagccca tttcaagctt tgtgctgcct cttgatctac ctctttgtcc aggtggatac 60
 gctttgcctg gaggatttgc atgcgtttat tgcgcaggcc ttgtgcctcc aaggaaaatc 120
 cacctcgcag cttgtaaatc tacagcctga ttacatcaac ccagagccg tgcagctggg 180
 ctcccttctc gtccgcggcc tcaccactct ggttttagtc aacagcgcat gtggcttccc 240
 ctggaagacg agtgatttca tgccctggaa tgtatttgac gggaagcttt ttcacagaa 300

<210> 191
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 191
 gaggatctgc cttctgagga agtggatcaa gagctgattg aagacagtca gtgggaagaa 60
 atactgaagc aaccatgccc atcgagctac agtgctatta aagaagaaga tctcgtggtc 120
 tgggttgatc ctctggatgg aaccaaggaa tataccgaag gtcttcttga caatgtaaca 180
 gttcttattg gaattgctta tgaaggaaaa gccatagcag gagttattaa ccagccatat 240
 tacaactatg aggcaggacc agatgctgtg ttggggagga caatctgggg agttttaggt 300

<210> 192
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 192
 gatctgcctt ctgaggaagt ggatcaagag ctgattgaag acagtcagtg ggaagaaata 60
 ctgaagcaac catgcccata gcagtacagt gctattaaag aagaagatct cgtgggtctgg 120
 gttgatcctc tggatggaa caaggaatat accgaaggtc ttcttgacaa tgtaacagtt 180
 cttattggaa ttgcttatga aggaaaagcc atagcaggag ttattaacca gccatattac 240
 aactatgagg caggaccaga tgctgtgttg gggaggacaa tctggggagt tttaggttta 300

<210> 193
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 193
 ggctctgacc ctgcaggact gggcagccca gcggtgcacc atctcctacc gagccccaga 60
 gctcttctct gtgcagagtc actgtgtcat cgatgagcgg actgatgtct ggtccctagg 120
 ctgCGtgcta tatgccatga tgtttgggga aggcccttat gacatgggtg tccaaaaggg 180
 tgacagtgtg gcccttgctg tgcagaacca actcagcatc ccacaaagcc ccaggcattc 240
 ttcagcattg cggcagctcc tgaactcgat gatgaccgtg gacccgcatc agcgtcctca 300

<210> 194
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 194
 gaagaatact gtgaattcta tgactttatc aaaatccagc cacatccagg agcttgccagt 60
 tgttgaccaa atgaatgatg acatagagta gttcagatct atcatgtgct cttctatcta 120
 atcagtcaat atttccttgg cctcgaagcc aacattcatt ttttatgtat aaccttcttc 180
 atgattttga aattttgata gggtaactgc taatgagttc acaaagttag cactttaaaa 240
 ggaaaaataaa tggagagtga aaacaacttg gctacgtata attgtgggtt ttaatttttc 300

<210> 195
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 195
 gttgagcaat atgaatataa tgccaagtac tgataaaaata cggaattcat ttagaatcaa 60
 cataggtaga cagactgttt ttagtaaggt tttgtttttt ggtgaatacc atgtttgggc 120
 tgtcagactt acttttcccc tgagatccat attttgtaca tgacatacca gatatatgca 180
 atatgaaacg gaaacagttt ttcaatctaa tatccaggag tttgtgttaa tatcttgtag 240
 acttgtggct cttgggtatct ggcattgata aggtgtgcta ctaatcctag agaaagggaa 300

<210> 196
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 196
 ttgagaacct gcctctatcc cagaatgtgc tggagatttg aactcfaat cagtgttttag 60
 tcttctgctt ggcaccatag cttaacctgc agtttcttca aaatgcccaa tgccttggtt 120
 cctattacct tagattgcaa accagtctag ggaagtctat gagaaagtag catttaatta 180
 aagtttaaaa aaaaaaagggt tgggcgttgt ggctcatgcc tgtaatccca gcactttggg 240
 aggtgaggc ggggtgatca ctaggtcagg agttcaagac cagcctggcc aacatggtga 300

<210> 197
 <211> 264
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(264)
 <223> n = A,T,C or G

<400> 197
 ctaaaggcag cccccaagtc ccagaaagct gactccccta gcacgcacta cgcagagctg 60
 ctgcagcact ttgagaagggt ccagaacaag cacctggaag tgcggcacca gcggagcggg 120

cgtggggacc	acctggaccg	gaggggtgtc	ctctgacagg	cctggcacgg	aggagggccn	180
anncgannng	ntncatgant	nnttnntgnt	gnnnncnntn	cngatgannn	nntngganna	240
ngnngntnnn	actngntggn	nctg				264

<210> 198
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 198						
cactcatttg	gaagagtgg	ttttgtgagc	acaaagtatt	aagggccaag	actggggctg	60
cacatgagca	attatggggt	ggagttgaga	aaaaaaagt	tagcctgatg	gaggtctctg	120
gaatagaaca	agccttgccc	atgcaggctt	ccgagcagcc	ctgggtgggg	ttgtggggag	180
gccccacg	gcttgtggca	gccttcagct	ctgcaggagc	ccgtggggtc	tagagtcacc	240
gcctctgtg	aactggaagc	tgctctaata	ctgtgcacgt	tttgatgtca	caactatatt	300

<210> 199
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 199						
cctagaat	gtggagctgg	gttgtatcat	aggaaatgca	agctgtgctg	gtgttcacag	60
ctagagagga	gaatgggttg	atgtgcacct	ggctctgcag	gaagcccata	tcaggttatt	120
gctgaggata	agaagctggc	actggaatgg	ttggaaaggc	tgtaagagct	ccacatgcca	180
cctggccctt	tttgggtatg	tggtgcccag	acctgagctg	ctatttagtc	tgacaaagat	240
agagggat	ttttcttcc	ccctttgggc	aacctgcca	tgtattgtac	agaggaaggc	300

<210> 200
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 200						
gagaggttca	cagccaccaa	gaagaagttt	gcgtgaagtt	ctccaggact	atggaaacct	60
tacaggatac	tgacttagaa	cctctgttgg	aatgtggctg	agtcaaagcc	tcctgttggt	120
gttaggggta	tctacagtaa	ggagatgata	cttcaggaga	ttatatttca	ctcaatgatc	180
ttttctcatt	tcagggctct	tctcaaataa	gctaaaagaa	aaaggatcag	gagacaggaa	240
aagtcttccg	ttttgagtca	tgagttagggc	aatagacaag	gttctcttca	aaaccatcat	300

<210> 201
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 201						
gcctggaccg	ctcattcgga	ctcgtcgggc	agagcttttg	tgctgccttg	caccaggaac	60
tcagagaata	ctatcgattg	ctctctgttt	tacattctca	gctacaacta	gaggatgacc	120
aggggtgtgaa	tttgggactt	gagagtagtt	taacacttcg	gcgcctcctg	gtttggacct	180
atgatcccaa	aatacgactg	aagacccttg	cgcccttagt	ggaccactgc	caaggaagga	240
aaggaggtga	gctggcctca	gctgtccacg	cctacacaaa	aacaggagac	ccgtacatgc	300

<210> 202
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 202						
aaatatgcta	cttagaaatt	aaggcctctg	ggttcaattt	ttggccccag	tggtgacctc	60
tgtgtaagcc	tggcaggatg	tctcatttct	gggtcacctt	ttccttgcca	acatagttag	120
gtatgtagac	caaatcattg	ctaagagcct	tctaacttta	agactctagg	tttagtcagc	180

caaaagcatg	tgattttccc	agattttccca	aactccttgt	acctaattga	aagtacacaa	240
tgaacttgca	agaatttaag	catccttaga	tgccagtctt	cactttgggt	attttctgc	300

<210> 203
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 203						
aattagtgga	gtgatctctg	aagacctagg	gctatgatct	ggagctgctg	tggtgaaat	60
ttggggcctc	tgaagtggca	tgagattga	ggccagaga	gcctgagatc	ttgagggctg	120
acatttgag	agatggggtc	gaggggtgtc	tttgggcctt	gactgctttg	ggcctttctc	180
actctcattc	ccgggatgct	ttgccagaat	ctctgctgga	ttggcctgaa	ccctgtcccc	240
gagcgggctc	acaggggtctg	aaggccacgc	atgaggcaaa	ggtaaagttc	tgagccaccc	300

<210> 204
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 204						
cccggataaa	atatcaatta	tgaagaggat	atctgaatat	gcagctgaca	ttttctatag	60
tagatatgga	ggaggtccaa	gactaactgt	gaaagccctg	tgtaagggaat	gtgtagtaga	120
acgttgctgc	atattgcgtc	tgaagaacca	actaaatgaa	gattataaaa	ctgttaataa	180
tctgctgaaa	gcagcagtaa	agggcgatgg	attttgggtg	gggaagtcct	ccttgccggag	240
ttggcgccag	ctagctcttg	aacagctgga	tgagcaagat	ggtgatgcag	aacaaagcaa	300

<210> 205
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 205						
cacaagcaac	tttgcttttag	aactctagaat	tcctttgcag	gcagagaagt	ctctacctcc	60
cagtgtttcc	tagctaagaa	cgtaaatgtg	aggaggga	tgtacttgca	gaggtttcat	120
aattatttac	ttataaaaat	agtcttcata	gccgggcgcg	gtggctcacg	cctgtaatcc	180
cagcactttg	ggaggccgag	gtgggtggat	cacaaggtca	ggagttcgag	accatcctgg	240
ctaaccagct	gaaaccccg	ctctactaaa	aatacaaaaa	attagccggg	cgtggtggca	300

<210> 206
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 206						
ggccaaagag	gtgctacatg	cattgaaaga	aaaggttact	tcactacctg	acaaccataa	60
aaatgccctt	gctgctaaca	tagatgaaat	tgtatttaca	tcaacaggag	acatctccat	120
ttactatgat	gagaaaggaa	ggaagtttgt	taacatcctg	atgtgctttt	ggtatctaac	180
cagtgccaac	atccccagtg	aaactttaag	aggagccagt	gtattccag	ttaagttggg	240
gaatcagaat	gtggaaacta	aacaacttct	tagtgcaagc	tatgagtttc	agagggagtt	300

<210> 207
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 207						
gaaatcagta	gccccagaga	tacctggcaa	tagctttttg	agaatctgga	atacagttag	60
cactcaaaca	ttttagaat	gaagggcagt	agaattatca	tttctcctcc	tgtctaataa	120
ctgtgacaag	ggagtggccg	gtgacttttt	ttggtagagc	tttttcaaga	aaaagtttag	180
tcctacggac	agttcggtag	ttattctact	tcagacactg	ggcatgtttc	atgttcttca	240

aaaagcccag ttatactttg gttttttgtt gtttgagacg gagttttgct cttattgcct 300
 <210> 208
 <211> 300
 <212> DNA
 <213> Homo sapiens
 <400> 208
 ctgctataaa agtatgattg tcgtcattac agtgattgct gattgagggc ttgctcagca 60
 cctttctggg ggctcaacga atgttctgtg atgttgagtt caccacccta taccctggga 120
 gagagatagt gtgtttccat ttcacaggtc agcagactcg agcacagaga ggtgaggtaa 180
 cacagcctgg caggagtggg gttgggattc aaggcctggg ctgaatgggt gtgctctcac 240
 attgcagttg cactccaagg gacccttgca aggtgctaac agatgtgaat gccttttggg 300
 <210> 209
 <211> 300
 <212> DNA
 <213> Homo sapiens
 <400> 209
 catttgtaaa gctgcagggg aagaggttcc acttcccagc aaccccatcc taatggctta 60
 tggcagtatc tcaccttcag cttatgtatt agagattttt aaagggatca agtcgagtga 120
 gctggaagaa tctctacttg tgctgccttt ctcttatgtc ccagacattc ttaaactctt 180
 taacgaattc attcagctgg gctctgatgt tgaacttata tgccgggtgcc tcttcttcct 240
 ccttaggatt cactttggac agatcactag caatcaaatg cttgtgccag tgatagaaaa 300
 <210> 210
 <211> 300
 <212> DNA
 <213> Homo sapiens
 <400> 210
 ttcatcttct gctccaaagg tggtagcaag aggagtaccc agttaggggt tggagccccc 60
 atataacatc ttctgtcag aagactgatg gatctttttc attccaacca tctccctttc 120
 ccccgatgaa tgcaataaaa ctctgtgaca ccagcaacca ttgctcttta gaaatgggtt 180
 ttctgatcat atggctgatg tgttatgggc agtatggatg tcttcatttg ttgcttctgt 240
 ttttcatctt ttttgtttta ttaataaaaa tttatgtatt tgctcctgtt actataataa 300
 <210> 211
 <211> 300
 <212> DNA
 <213> Homo sapiens
 <400> 211
 gttacatcaa gagataaata gagtgaagca gaactagtgg tgccgaccag ctgccagca 60
 acagaagggg ttgtagtcgg cctggcagtg gacagggagg ttggctagaa ctattacctt 120
 aggtccgtga taatatccct gaatccaact tttcagaaag aaataggtaa catatttttc 180
 accaggaagc ttcaccaga cactgaacag aatggtctca gtgcactaat ggaggctcag 240
 ttaaaggggt gtggtagcac aaggaagaga cattctgact tggaaatttg gagaaggctt 300
 <210> 212
 <211> 262
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1) ... (262)
 <223> n = A,T,C or G
 <400> 212

gtccaatagc	tgtgaagctg	gcagcccttc	caagcctggg	cagatcctaa	aaagacagca	60
ggcagagggc	gcagggttta	tggcctggcc	ggagttggga	ggtgaagcag	agggcacagg	120
gcttatggcc	tggccggagg	tgggaggtga	agcagagggc	gcggggctta	tggcctgtct	180
ggaggtggga	ggtgaagcnn	nnnnnnngag	gangttncnt	ntgnatnnnn	ntnntnanna	240
nanantnnnt	ntnnnannnc	tt				262

<210> 213
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 213						
agcactggat	gaaaacaagg	atggcaaggt	caacatcgac	gacctcgtca	aggtgattga	60
gctggtggac	aaagaagatg	ttcacatctc	caccagccag	gtggctgaga	ttgtagcaac	120
actggaaaaa	gaggagaagg	tggaggagaa	ggagaaggcc	aaagagaagg	cagagaagga	180
ggtcgcagag	gtgaagagct	agaaccactg	gcctgggcac	ctgtcctcct	gctgtgccgt	240
caccctggca	agggccgtga	gggcgattgc	tttgtggtga	ttctcagtgg	ctcatctaata	300

<210> 214
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 214						
cttttctgga	gggagacacc	catctcctgc	ccttggacat	caggactcca	ggttcttcgg	60
cctttggact	caggcttgcc	acagaggcct	cccagggctc	tcggccagtc	agcctcagaa	120
tgagagttag	accactggct	tccttggttc	aaccaccttc	ttacctggac	tgagcctcac	180
ttacagcttc	tctaggtctc	cagcttgtag	acagcctatg	ggaggacttc	tcagcctcca	240
taagtgtgtg	ggccagttcg	cctaataaat	cccctctcct	ggccggggcg	ggtagctctc	300

<210> 215
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 215						
cctgacggag	gctttgctgg	ctgtggtgat	ggggattgag	ttgggggcaa	gggtccctgc	60
ctagactgtt	gacgtcccct	gggaagggga	cccaaggatg	aattggctgt	gaaggatcct	120
ccctgagact	ggcaagggag	gaggctgagc	agaaggagtc	atcatggagg	agcggtgaga	180
tcatggaacc	ggactccaag	atgacgatct	aaagaccgag	gagccagaag	ccaaggccag	240
gttctgggtg	tagggccag	agaagcagaa	cagcccagag	ccccagggtg	ctggcctggc	300

<210> 216
 <211> 272
 <212> DNA
 <213> Homo sapiens

<400> 216						
cttagccaga	tcgggactta	cagaagtcta	ccaatggtat	ctggaccttc	gtcgatttgg	60
atctgtgcca	catggaggtt	ttgggatggg	atttgaacgc	tacctgcagt	gcatcttggg	120
tgttgacaat	atcaaagatg	ttatcccttt	cccaagggtt	cctcattcat	gccttttata	180
gctggaagat	tggttaagga	aaagcaccac	ccatggcaga	gacactgcac	atgattgtgc	240
atacagcaga	atgcatgttt	ggattttaga	aa			272

<210> 217
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 217						
gaacttttga	agagaaaaat	tcgagctaga	gggattctta	aagccttaag	ttacttgaaa	60

tctatgtatt	tgcaaccctt	tgtctctgga	atcatattac	actaaactgg	aatctcaggc	120
tgaatgagaa	taaccaagtg	gagtaaaaag	aagaaaaccg	tttcttgatc	accacttaat	180
taacgatgct	ctttctccaa	aggatcagca	cgttcttcct	ctgagaactt	gaaaatacaa	240
atggacccca	tgttttttta	agcattacct	tttcttagaa	gactgccatc	atcttttata	300

<210> 218

<211> 300

<212> DNA

<213> Homo sapiens

<400> 218

cccaggcgta	aatagagctc	cctactccag	accacctgcc	acccacctcc	caagttgaga	60
acacaagctc	cagctgggct	ggagagtcag	gcttggtgca	gggtgacttt	ggcgaagttt	120
tgtcagatcc	ataaagcaaa	ctggaatttg	agctttcact	taccctagta	tacgtttctta	180
aaaaaaaaaa	aagtctatgg	ggtataatcg	agatggatac	ctgggtcttt	aaattacgta	240
gggaattttg	tatgttttaa	taattgtact	gggtccata	aagcttatct	taaaaacttt	300

<210> 219

<211> 297

<212> DNA

<213> Homo sapiens

<400> 219

ggagatccag	atattcttag	acctgctggt	tgaacctgtg	aggcatttca	agaatggaga	60
gtgccattct	gcagtcattc	aagcagtaga	agacttggat	ttgtctaaag	ttcttccttt	120
aggtcgtcag	cacggtatct	taaacagcct	tgagatagta	ttgaaaaaca	ttagtcatct	180
gatcagcgca	tacctgccga	agattttgca	gatactgctc	tgtatgacag	caaccgtatc	240
acacatcctt	gaccaacgag	aaaagatacg	gctgagattt	attaatccat	tgaaaaa	297

<210> 220

<211> 300

<212> DNA

<213> Homo sapiens

<400> 220

gtggggtagg	catgggggtg	gacaggggtg	acgggctcca	cagagacagg	atgggtggagg	60
gagttgtgtg	cagttgaact	tgatcctgta	gttggttttg	acctgggtgtg	gtccctccat	120
gctgtggaag	tgaaatgtga	gggaacaggc	ctgggggcag	tgaggagagc	aggacaagcc	180
tttcatctaa	aaggtggcac	agagcttaag	gccagggagg	aaggtatgaa	gaaaagggtga	240
ttgagaacta	attaccaagg	gaaactggca	agacaactgg	atgcgtgtaa	tccgaatggt	300

<210> 221

<211> 300

<212> DNA

<213> Homo sapiens

<400> 221

taaagctgct	gtgatggcca	cccttctctt	tccaggacgg	gagtttaaaa	ttacacatca	60
agagatgata	aaaggaataa	agaaatgtac	ttccggaggg	tattatagat	atgatgatat	120
gtagtggtga	cccattattg	agaatacacc	tgaggagaaa	gacctcaaag	atagaatggc	180
tcatgcaatg	aatgaatacc	cagactcctg	tgagtagctg	gtcagacgtc	atggagtata	240
tgtgtggggg	gaaacatggg	agaaggccaa	aaccatgtgt	gagtgttatg	actatttatt	300

<210> 222

<211> 300

<212> DNA

<213> Homo sapiens

<400> 222

gagaggagca	ggtgcagtga	ttcataccca	ctctaaagct	gctgtgatgg	ccacccttct	60
ctttccagga	cgggagttta	aaattacaca	tcaagagatg	ataaaaaggaa	taaagaaatg	120

tacttccgga	gggtattata	gatatgatga	tatgttagtg	gtacccatta	ttgagaatac	180
acctgaggag	aaagacctca	aagatagaat	ggctcatgca	atgaatgaat	accagactc	240
ctgtgcagta	ctggtcagac	gtcatggagt	atatgtgtgg	ggggaacat	gggagaaggc	300

<210> 223
 <211> 271
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(271)
 <223> n = A,T,C or G

<400> 223						
attggggact	gacatcttaa	gctctcacct	ggctgcagta	ggaaaggcca	aactgacgac	60
aaaaaaaaaa	ttctttataa	agatgatatg	gtaacatgta	tctttgccct	gggtctgggt	120
gggtccagtc	agtctcagat	ttacaagcat	ttatgagcct	aggtaaaagc	tgctaataatt	180
cttttaaaag	cnnnnnnnnn	nacttgccctg	atagaaaact	ccttccgggg	ggngggattt	240
tataatanta	cgtgngnnct	naacanagtn	a			271

<210> 224
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 224						
aagtctgttg	ccattccatc	tctgtgttaa	cacttcatat	ttttatgaaa	ttcagataat	60
ttgtgagagg	ctggcatgga	tctaaggatt	tattatTTTT	attctagtcc	atcagttcag	120
tcgcagtttt	tatactagga	ctttaggatg	tacataaatg	tgtgactggt	tgtcttgatt	180
aaaagtgcac	tttggcctgg	gcatgggtgg	tcatgcctat	aatcccagca	ctttgggagg	240
ccaaggcggg	tggctcactt	gaggctagga	gttcaagact	agcgtggcca	acatgaggaa	300

<210> 225
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 225						
gctcagcagg	cagacgaatg	aggaataaaag	gtcagagaag	gtcagagctg	agtgcgttt	60
ggaatccacc	ccgtttattg	tagaactggg	ggttcagagg	gcagggtgct	cagagttgag	120
gccacacagt	gaggtctggg	gggtgaaagg	accaggaac	gaggcggtca	ggaaagcagg	180
ttgtcagagc	tatgtggagt	ctgtgggtgg	caggggcagc	cgctccagcc	tttgaagact	240
ttgaaagcca	gagattcctg	gcgcaggctt	ggacttcctg	ggagctcctc	caagtaccca	300

<210> 226
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 226						
gtggtttcct	gcacatcttt	ggagtagtta	tgacttctca	gtttttcccc	ccttaaactg	60
cattgcctat	tcctttttcc	tgacatgcta	tcaggatca	gtgtgttgaa	tacatactgc	120
ttgtgtatca	gacttacgtt	actgtcatca	ccattaaaag	aattgcagct	ttgtgccccca	180
tgaccttcag	ctcagttggt	gactgtcatt	catgaatgcc	taaagcatac	tgacaccagg	240
tataagtact	tgaagatcaa	gaactagtca	ataaaacatg	agcaacataa	tggttaactat	300

<210> 227
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 227
acaggggtcaa aatttttcatt ctgcataagg taggttttagt ctttttcaaa acatttctagt 60
aggcaagtct gtagctgaat cttggaagaa aggcaaccat agtaatatat ttgagttcct 120
actgtttatt ttttcaataa aaactcaggt tctcaggtta gcagatcatg gtcttaggaa 180
ggtagctgta gaacccaaat ataaattcct aagcttctac caattgggtc ttactgaaat 240
ggcaattgag agagaagtaa atctcttggt tttcaccata gttactttat gtttccttcc 300

<210> 228
<211> 300
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(300)
<223> n = A,T,C or G

<400> 228
gacttgtgtt caggcaggtt ttcnggacat gnacataaaa naacagattc aggaacagca 60
ccaggctgcc attattattc agaagcattg taaagccttt aaaataagga agcattatct 120
ccacattaga gcaacagtag tttctattca aagaagatac agaaaactaa ctgcagtgcg 180
tacccaagca gttatttcta tacagtctta ttacagaggc tttaaagtac gaaaggatat 240
tcaaaatatg caccgggctg ccacactaat tcagtcattc tatcgaatgc acagggccaa 300

<210> 229
<211> 300
<212> DNA
<213> Homo sapiens

<400> 229
ggtgccatgg agttcaccat ctgcaagtca gatatcgtca caagagatga gttcctcaga 60
aggcagaaga cggagaccat catctactcc cgagagaaga accccaacgc gttcgaatgc 120
atcgcccttg ccaacattga agctgtggcc gccagaaca agcactgcct gctggaggct 180
gggatcggct gcacaagaga cttgatcaag tccaacatct accccatcgt gctcttcac 240
cgggtgtgtg agaagaacat caagaggttc agaaagctgc tgccccggcc tgagacggag 300

<210> 230
<211> 300
<212> DNA
<213> Homo sapiens

<400> 230
aatcccacaa agcctagcac caaacttctt tttttcttcc tttaattaga tcataaataa 60
atgatcctgg ggaaaaagca tctgtcaaat aggaaacatc acaaaaactga gcactcttct 120
gtgcactagc catagctggt gacaaacaga tgggtgtctca gggacaaggt gccttccaat 180
ggaaatgcga agtagttgct atagcaagaa ttgggaactg ggatataagt cataatatta 240
attatgctgt tatgtaaatg attggtttgt aacattcctt aagtgaatg tgtgtagaac 300

<210> 231
<211> 300
<212> DNA
<213> Homo sapiens

<400> 231
cacaaggaga agaaagttaa ttaacattga aagatgagaa gacatcttgg aagaacttga 60
attgggcctt ggaagaagaa cagccattca aatagataga attgtggtag caaaggcata 120
gaggtaggaa agtatagatc tccagggaca gtagtcatgg gggtggggca ctgttggaat 180
ttaaggttgg aaggatatat tggagccctt tgaatacggg aacaaggcac accttgggca 240
gtggagagtt atcagagtgt ttgaaaagga ggggtattga gtaaataaat agactggtac 300

<210> 232
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 232
 gttaaactgt cagtattgga tcttagaagt aaatgattat taggactgta atagtaatta 60
 ttaggactgt aaaagtaaag gattattatc tgcattagat atcattatat ctaatgatat 120
 agagactgca gacataacta cagggctctt tttctttaat cagaaaatcc agattcaata 180
 gaaatagggt aaagtgatag gaggacaaat agccttccat ccagtgggta tcaactgacg 240
 actacaagtc ggcctcactt gctttaatta ttctattcta tcctttgatg ctgcttgaag 300

<210> 233
 <211> 273
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(273)
 <223> n = A,T,C or G

<400> 233
 ggcagctaga gtcaggaaaa tgaccctcat atgcttttaa tctttgtttc agttgtctgt 60
 cagggttgaa ttaagaagct actggtttat tcccaattgt tgatgccttt aggtatgttg 120
 gaatcttttt ttttgcttag gaggggccag ttgaaaatct gtgactcaag aggcagtga 180
 cagaatactg ttttctgggg aaaaattggt tggctacttg atgttaattn nnnnncagta 240
 acagganaag gntgtgtctn ngctattntg nng 273

<210> 234
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 234
 ccacctctca gacgtgagta aggaattgcc ctccctgtct cagtgggaca aggcttgaag 60
 ctaattggag gaggtggaga gaaatttaga gggggctctg gttagggtag ccataaaaat 120
 agagatgctt gggatgttct gagcaaagga gccagaatgc agagaacagg accacagccc 180
 tagtagctag ggggggagtt tgagatgcag cctgggggtg ccctgcctaa tttcagagac 240
 ttaagggcca gtgtcagtga cagggtcagc aggggtgggt gagaatctgc ttaaggctag 300

<210> 235
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 235
 ccttcacagg ttatttcaca gatatggaga gctggaagca gggagtgagt ctctgagtgt 60
 tggaattgta agggatcaga agcagggatc agaagcagtg gtgaagttca tccaccataa 120
 aacacacagg tgactttgcc ttgaatctgc aggactgaag ccaactcttg ggcacagacc 180
 cttagtcctt tccttgacca ctctaagtca gatagtccag agccaggccc ttggggatgt 240
 gacaccgaga taaatcagag aaaagctgtg aagcttgggg aacagaggga cttttgggtga 300

<210> 236
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 236
 cagtgaagatt cctcttcttg tattaccttt gcttcattgc tgaatcttct ccaatatcat 60
 cttctaaaaa gagcctttta aaatcacctt ttctattatg ccttactcat ttccagtccc 120

tgaattgccc	attccccact	tcatagcact	tattgctatc	tgaaattaca	ctaaatgtca	180
ccttcacgat	ggtaggcaat	ttattgcctt	tgtcactggt	atgtctagag	aacaagcagc	240
tggctcatag	taggcactca	acaaatattt	gttcaatgaa	gaatttataa	atgaatgcct	300

<210> 237
 <211> 274
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(274)
 <223> n = A,T,C or G

<400> 237	
ctgggctgca	tctggccctg gctggaggcc ttgctttgag gggctgagac cctcttcccc 60
caggccctcc	ccagccgacg acagccaccg gagaggagat cggaacacga ttgnnnnnnn 120
tgcagggcgc	tgggcggaac naatccncaa ggactctgan atnnnccctt gnnantnncn 180
angngannna	nnananannn ntatacatan anccnnanac ccnaannaca nacannnggc 240
anancnannn	nancannnnn aannagnnna nnna 274

<210> 238
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 238	
tgtcaccttc	tcccacagcc atttcacccc atcgttgtct agaatctctt tcattagcac 60
attccaaccc	ctctgccact tggtttagaa atgagctccc tggctcagtg ggcctttcag 120
aatctggaac	cagacggagg tggagttaag aagataggac agaacaggca ggcccagggtg 180
ctatggttcc	actggggaga gaccatttaa ttctccagat gctttactcc ctgattgtct 240
tttagccatt	attcttttcg ttttaagaga catggtctca ctctgtcacc caggctggaa 300

<210> 239
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 239	
caggattggt	cattttgtct tttgtttgtt ttggggaaca gggtcaaaat tttcattctg 60
cataaggtag	gtttagtctt tttcaaaaca ttctagtagg caagtctgta gctgaatctt 120
ggaagaaagg	caaccatagt aatatTTTTg agttcctact gtttattttt tcaataaaaa 180
ctcaggttct	caggttagca gatcatggtc ttaggaaggt agctgtagaa ccaaaatata 240
aattcctaag	cttctaccaa ttgggtctta ctgaaatggc aattgagaga gaagtaaadc 300

<210> 240
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 240	
gcactgcgtc	aagccactcc tggagaagaa tgatgtggag aaagtgggtg tggtgatttt 60
ggataaagag	caccgcccag tggagaaatt cgtctttgag atcaccacgc ctccactgct 120
gtccatcagc	tcagactcgc tgttgtctca tgtggagcag ctgctccggg ccttcactct 180
gaagatcagc	gtgtgcgatg ccgtcctgga ccacaacccc ccaggctgta ccttcacagt 240
cctggtgcac	acgagagaag ccgccactcg caacatggag aagatccagg tcatcaagga 300

<210> 241
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 241
 gggatgaata tttaaggtga agcaaagtag ctgtggctac ttggggccaa aagcttccca 60
 gatgctcctg ctctaagcac atgatgtttt ttggggaaaag tggtagcagg tagagggtag 120
 cagaaaagtgt gagaagcact tggttaggt gaccagaca tgcctcttga attgaattcg 180
 gtgatctgct tcttcagctg ctttcttgct cctgcccagc aggatgccag gaaacacata 240
 gccctgtaga aaatcactgg agaagaggat gattggagtt cttcatttct taaaaaacag 300

<210> 242
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 242
 aaatgaagtc cttgagccag aaaaggatac cagccccact gttaagtgat gatttgtgtgc 60
 taaagcagcc taagagttct atcctaacac aagagcctag aaagtaactt cttaggcagt 120
 gtccaaagaa tgccagtagt ccttggggac ttttcagagg tgcttggtt gaatcaattt 180
 ctagatccca aagcagagtc ttcatgcaca ttttgcggt gtagtgtaca gcaaattggct 240
 cttggctagg tttagaatgc tgcttttacc attctctgta cctgaccagc tttgagtctc 300

<210> 243
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 243
 agaacgttct caggttgacc agctgctgaa tatttcttta agggaggaag aacttagtaa 60
 gtcattgcag tgcattgata acaatcttct gcaagcccgt gcagcccttc agacagctta 120
 tgtggaagtt cagaggctac ttatgctcaa gcagcagata actatggaga tgagtgcact 180
 gaggacccat agaatacaga ttctacaggg attacaagaa acatatgaac cttctgagca 240
 cccaggtttg gcatagaaat ggtacccctt gttcaaaatg aacaagaagc cttagatttg 300

<210> 244
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 244
 ctccagtata acctcatctg tatccgcagc aaccgtttac caataaggtc acattctgag 60
 gtactagagg ttgggacttc aacatcgga tttgaaagg acagcattca gcccatgact 120
 ccagataaac gtgaggtatg ctatatcatt cctaatttac agatgagtca atacaaactt 180
 gagttagctt gctcacaatt ccatcaaagg cagggttcag acccaagttt cagcatttag 240
 ggcaggtgtc ctctgcatgg aagaaccata ctcaatagcc gtaaacgctg acaaattccc 300

<210> 245
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 245
 gctgtctggg tctacattc actactttca ctgcctaaga atcctggacc ttctcaaagg 60
 cacagaggcc tccacgaaga atatttttgg ccgatactct tcacagcgga tgaaggattg 120
 gcaggagatt atagctctgt atgagaagga caacacctac ttagtggaac tctctagcct 180
 cctggctcgg aatgtcaact atgagatccc ctactgaag aagcagattg ccaagtgcc 240
 gcagctgcag caagaatata gccgcaagga ggaggagtgc caggcagggg ctgccgagat 300

<210> 246
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 246
 tggctgctca ccactccatt ggcctgcctg cgcgccaatt cccttcggtg ggccccggtt 60
 ggctgcaggc tgaggtctat tccactgacc acccctctcg gtgccgcca cagtgatcct 120
 ggtgcacgcc tcgttgcgcc tgcgcaacct taagaacaag attgagaaca agatcgagag 180
 cattggtctc aagcggacgc caatgggcct gctactagag gcactgggac aagagcagga 240
 ggctggatcc taggcccctg ggatctgtac ccaggacctg gagaatacca cccaccccc 300

<210> 247
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 247
 agaaaaacaa cagagagaaa aagaatacct gagatatgta gaagctttac gagcccaaat 60
 ccaggagaaa atgcagctgt ataataattac ttacctcca ctatgctgtt gtggtcctga 120
 tttttgggat gctcatcctg atacctgtgc caacaactgt attttctata aaaaccacag 180
 agcatatact cgggcactac attcattcat caattcctgt gatgtccctg ggggtaattc 240
 aactcttcga gtcgcaattc ataattttgc ttctgcacac aggcggactt tgaaaaatct 300

<210> 248
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 248
 ccaccttggc ctctcaaagt gctgggatta caagcgtgag ccactgtgcc cggccagaag 60
 gagtgttttg agaatggcta agagaagata gggtgaatag ctatgcctac atgtcactaa 120
 ttaacatctc agagatctct gctacagggt gtcgtcctca ttttgtctaa tatttttcca 180
 atggcatgag tataggaaga taaacgggga atgttttgaa gtaataaaaa aattccatcc 240
 ataaagaaga acaacatgta ttaagctttg tgcaccaaac aacacaacag gaagacacat 300

<210> 249
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 249
 tgttactggt gcccatatag atgtggataa acaaaaagat aagaatggcg agagaatgat 60
 cacaataagg ggtggcacag aatcagcaag atatgcagtt caactaatca atgcactcat 120
 tcaagatcct gctaaggaac tggaagactt gattcctaaa aatcatataa gaacacctgc 180
 cagcaccaaa tcaattcatg ctaacttctc atctggagta ggtaccacag cagcttccag 240
 taaaaatgca tttccttttg gtgctccaac tcttgtaact tcacaggcaa caacgttattc 300

<210> 250
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 250
 ggggccgctg ctcaagttcc agatttgtgt ttcttgaggt tataggcggg tgtttgagga 60
 gtacatgcgg gttattagcc agcggtagcc agacatccgc attgaaggag agaattacct 120
 ccctcaacca atatatagac acatagcatc ttctctgtca gtcttcaaac tagtattaat 180
 aggcttaata attgttgga aggatccttt tgctttcttt ggcatgcaag ctccatagcat 240
 ctggcagtggt ggccaagaaa ataagggtta tgcattgtat atgggttttct tcttgagcaa 300

<210> 251
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 251

tgaagaggag	atcggtgacc	tgggctcctt	atgtgcctga	aagagtttga	gtttcctgtt	60
aactccaaat	caacagtatt	ttcaacaaga	aatgtgcaat	tgaaatcaag	tgctgtttaa	120
gtgcagctag	gatttccaca	ggaagacact	tgcaagtgaac	agagttatgg	agcagcaaaa	180
acacagatct	atttggaaaa	agagaaaaca	tatgcgttgt	attttgcttc	aattataaaa	240
taccatcctc	tcaaaggtgg	ttctaaatta	caaaggactt	tgatttctag	gtagattctg	300

<210> 252
 <211> 300
 <212> DNA
 <213> Homo sapiens

gaacaaagaa	ggaatgtctt	cctcatgttt	gggtctatag	aagacgttaa	agaaaacttc	60
cagaaagtgg	gtttgaggca	tgagccacca	cgcttgcca	aaggatttaa	tgaattaatg	120
gatgtacagt	gctggggctg	ttattctagg	gcctgcattg	agactcacat	tttgccatca	180
aaagcctttt	aagaggtgga	ggttgcggtg	agctgacatg	gtgccactgc	actccggcct	240
gagtgcacaga	gtgagactct	gtctcacaaa	aaaaataatg	ccctttaaat	aatgaataat	300

<210> 253
 <211> 300
 <212> DNA
 <213> Homo sapiens

gaacaaagaa	ggaatgtctt	cctcatgttt	gggtctatag	aagacgttaa	agaaaacttc	60
aagaaagtgg	gtttgaggca	tgagccacca	cgcttgcca	aaggatttaa	tgaattaatg	120
gatgtacagt	gctggggctg	ttattctagg	gcctgcattg	agactcacat	tttgccatca	180
aaagcctttt	aagaggtgga	ggttgcggtg	agctgacatg	gtgccactgc	actccggcct	240
gagtgcacaga	gtgagactct	gtctcacaaa	aaaaataatg	ccctttaaat	aatgaataat	300

<210> 254
 <211> 300
 <212> DNA
 <213> Homo sapiens

gttacccttc	agataaagaa	gggaagaagc	ctaaaggaca	gtcaaagaag	cagcccagtg	60
gaaccacaaa	aaggccaatt	tcagatgatg	actgtccaag	tgccctccaa	gtgtacaaa	120
catcagattc	agcagaagca	attgaggctt	ttcaactaac	tcctcaacag	caacatctca	180
tcagagaaga	ttgtcaaaac	cagaagctgt	gggatgaagt	gctttcacat	cttgtggaag	240
gaccaaattt	tctgaaaaaa	ttggaacaat	cttttatgtg	cgtttgctgt	caggagctag	300

<210> 255
 <211> 300
 <212> DNA
 <213> Homo sapiens

gggctcttgt	cattttctcg	ctctgtggca	ctgttcagag	gatatcacgg	gccccttgat	60
ttgtatccag	aattttaccg	aattgctaca	gacccaacca	tccacactgt	cccagaaggc	120
agacctgtga	atgtctgagt	gggaaaagag	tggtatcgat	ttcccagcag	cttccttctt	180
cctgacaatt	ggcagcttca	gttcattcca	tcagagttca	gaggtcagtt	accaaaacct	240
tttgcagaag	gacctctggc	cacccggtat	gttcctactg	acatgaatga	ccagaatcta	300

<210> 256
 <211> 300
 <212> DNA
 <213> Homo sapiens

gctttggaaa	ttattagata	tatcctattc	ccttcctccc	atttttttcc	tgctagtgcg	60
------------	------------	------------	------------	------------	------------	----

aaaggtagat	gagtaggaag	attaggactc	ctgagttgcc	catgatttca	tctaattttt	120
ggattcagaa	tgtattttat	gaataatatg	cagagatgca	tattaggaat	gtgaagccag	180
aatgggtcag	ttgtagctgc	tgcaaagtgc	tgtagctgat	ggtcatttaa	ttgcatgggg	240
gttattttat	ctttcatgat	tgtggtgcac	ctgatgctgg	cggggatttg	tgtgtttttg	300

<210> 257

<211> 300

<212> DNA

<213> Homo sapiens

<400> 257

gccaggtgta	ttaggatctt	ttagatgtag	tttaatgaag	agtttatggc	ttaaagtgaag	60
acagtattac	ttcagagctc	agcttctctc	cttggatttt	ctctcagcaa	atggggagaag	120
taacgtctgc	ccttcggagt	tgttacaagg	agacaagata	aacacagggt	ccaagtgcct	180
ggtaaatggg	aagtgtggt	attagagtca	gggtttctag	tcacagggtc	tcaacagata	240
cagctttggc	agtaggaggt	gcagctgacc	tgagctgttt	ttaaattaaa	attaaagcca	300

<210> 258

<211> 300

<212> DNA

<213> Homo sapiens

<400> 258

atthgatgct	acaaagagct	ttgttgaatc	ttcagaaaac	aaaatctgaa	gggcagagcg	60
aaggaaatgct	ggcatttttg	aaaccctttt	gaggcttatg	ttgtcatgtt	cataattcag	120
ccgatagaga	aaaaaccgag	aaactgtaga	ataggctatc	caactccac	atggggagat	180
acagctacag	ataatgttct	caggaccctt	tgtctttagg	tgagtaaat	gatctgcatt	240
tttagagagt	ggaagagtat	ccccattctt	gcctgttgca	actgtggatc	ccagtcgcca	300

<210> 259

<211> 291

<212> DNA

<213> Homo sapiens

<400> 259

ctacacagtt	cccattcatt	accttaacat	tgtactgaga	gagaccagc	tctgacctgt	60
atagcagttt	gagtcgaggg	gctgtcaaag	gggttgccaa	agtcattctaa	aggacttggc	120
aacagaagta	gcattatgac	ttggatccac	ttctttatag	accaatattg	gcagccatga	180
aggctggctt	gtcctgggtg	cgggaattcag	ttttagtggc	tgaatgcaca	gacagcagga	240
agagagaata	ggggacaatg	aacaacagag	agagaagaaa	tgagtggtgt	a	291

<210> 260

<211> 300

<212> DNA

<213> Homo sapiens

<400> 260

tgtacttatt	cttgattgcc	acgtctcatt	tggattcccc	agactctgat	tagaggcact	60
gccaccagga	gagattttat	ctaaccaata	gtacttcacg	gaagatcctc	acccttgtac	120
tttcaagaag	cacttgtaat	taatgttcag	cttctgaac	actgagtggg	acttgaaaat	180
ctctgtgggt	tatagcctta	caaaagctac	tctggaggct	gaggcaggag	aatcgcttga	240
acctgggagg	cagaggttgc	agtgagccga	gatcacgccg	ttgcactcca	gcctgggcga	300

<210> 261

<211> 300

<212> DNA

<213> Homo sapiens

<400> 261

ccggacgcag	gccctcgggc	aggagcatct	ggcagagtgg	ggggcggtgg	aggcaccctc	60
ctttgcaggg	cgaggtgggg	cctctgcagc	catcctggac	aggccggggg	ggcggcagct	120

ttgcccacgt	ggaagcgggg	tgggtctcac	ttgcgtgggtg	gccccgggc	ccatcttgcc	180
tgctgcggcc	tggggagcag	gcgctgggtg	gtggttctgc	ctgcttgctg	ctcgttcccc	240
gggcatgcgt	gggcagcggg	gggcatgcgt	gggcagcagg	gggccgtggg	cagcgggggc	300

<210> 262
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 262						
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tttaaatccc	tgggcagcac	cgcagggaca	gatattaccg	tcaacagtgt	gattctactt	120
cctaaaaacc	ctgagcactt	tgtggtgtgc	aacagatcaa	acacgggtgt	catcatgaac	180
atgcaggggc	agattgtcag	aagcttcagt	tctggtaaaa	gagaagggtg	ggactttggt	240
tgctgtgccc	tctctccccg	tggatgaatg	atctactgtg	taggggagga	ctttgtgctc	300

<210> 263
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 263						
atttctactt	gagctaaggt	agtattgtgt	atcctctttc	cttcttaggt	atccataatc	60
cacaaagcat	atttaaaagg	ctcttggcac	gggcagcatt	ggttgagcag	gtaggtttgg	120
ctagggggaa	atgtttaact	tgttctgaaa	gaaaaactta	tgtctgtagg	gtccaagaaa	180
cagctattcc	agagtcagtg	tcagctgagt	ctggaacata	tgaagtgagg	tttacttcta	240
agaacacaag	tgactgcaca	ctaattttgt	caaggcatct	tttactact	ttgctgtaga	300

<210> 264
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 264						
gctcttgggt	tttatgtccg	ctgcttcttg	gttgccgaga	cagagagatg	gtggtctcgg	60
gccagcccct	cctctccccg	ccttctggga	ggaggaggtc	acacgctgat	gggcactgga	120
gaggccagaa	gagactcaga	ggagcgggct	gccttccgcc	tggggctccc	tgtgacctct	180
cagtcccctg	gcccgccag	ccaccgtccc	cagcacccaa	gcatgcaatt	gcctgtcccc	240
cccggccagc	ctccccact	tgatgtttgt	gttttgtttg	gggggatatt	tttcataatt	300

<210> 265
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 265						
gacttctaaa	tatatcttgg	atataatagg	tgataagttc	tgtcaattag	taacatctga	60
aaaaacagct	ttgtcctggg	tgaaaaagga	tgccaaaatt	gcctggaaaa	gagcagtgag	120
aggagtccgg	gagatgtgtg	atgcatgtga	agcaacattg	tttaacattc	actgggtctg	180
ccaaaaatgt	ggatttgtgg	tctgcttaga	ttgttacaag	gcaaaggaaa	ggaagagttc	240
tagagataaa	gaactatatg	cttggtatgaa	gtgtgtgaag	ggacagcctc	atgatcacia	300

<210> 266
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 266						
gtcacctcca	ctagaggggg	ataaaaagga	taataggaaa	tcagaatatt	ttgatttcta	60
gttcaactgt	tgatcaatta	tctttgagac	ttttaacatt	catgactaag	gaggattaat	120
aattaacatg	agctgtagaa	ttaaggtttg	tatggcatga	taagtataaa	ccagtttttg	180

gaccgctata attctaaaaa agcaggtaga ctagatgatt agttgtacac ttattactgc	240
taattcttga ttgtagaaca aattttccta tgaaaaccat gttgtgtatt ttatatctct	300

<210> 267
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 267	
gatctctata ctagtgaaca gtgccagttc cacacttttg acttagaact gttctctagt	60
tatttgaaca cagaatactg tcaatcccta atttacttaa tgttacttat tggaagtggg	120
gctgatgaaa tacgcacagg agggaaatct actgtgttta ggcacaggca gccccagtgt	180
ataaggagat catattccaa aagggtgtca gttggtgtt tgcaacctgg aatgtatgtt	240
cctttagaga ccaggttatt catggtgtgt agggccctag agcagctgga aaagatgatt	300

<210> 268
 <211> 276
 <212> DNA
 <213> Homo sapiens

<400> 268	
gaggccactc tgctggccac ctccagtggg tgctgaccac aggatgggct ttgggtacac	60
tcattttcac cctgattctt gccccactt tcataaaaaga aacttcaaaa tgctgacgct	120
ttggagagta agaaaaatcaa tcttggtctg gcacggtggc tctgacctgt gatcctagca	180
ctttgggagg ctgaagctga aggatcactt gagctcagga gttggagacc aacctgggca	240
acataacaag accctgtctc taaaaaaaaa aaaaaa	276

<210> 269
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 269	
gctgccacca cccccgggcc cagcctgtct gaaagttcag gggttaggcc gagaaacccg	60
gtggggaggg gtggggagcc ggagctctgt ggcggggctg gagggctggg gtgcacttta	120
gtttggggcg ggacgggagc cggcgttgtg actggcgtgg tctggctgct gctcccgaac	180
ggaggggtcg ggggttgctt gctgggccct cagagccag tgggtggctc tgactcggct	240
ccctactccc tgcaccagc tgggcgcagc cttggggcct gcggtctgaa tgtatccctc	300

<210> 270
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

<400> 270	
gactcatntg cagtgttgct agaaacaaat aataaagccc caaaagataa actagttgaa	60
aaaactggca aaatctgtat acgtggaaat ttaccaggac agagactgaa gaataaagaa	120
aatgagtttc attgccagat catgaaatcc aaagaaactt taaagaagat gagttgtgta	180
aatggaactg aagggaggga agagctgcct tcgctggta caaagcacac atgtgtatac	240
acatgggtca agcagtgtct gtctgtggct gcctgtccag aggaatggaa atatcctttg	300

<210> 271
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 271
 agtggctgga taaaaggatg tgtgggaaag aactgagttg aaattaggag ttagaatddd 60
 attcttttgt actaaggaat cattgaagat tttaaaatta gggctgacat aatcagattt 120
 gagtttgga acctatagtt tgggactgga ggaagacagg tgccagacac cagttaaaaa 180
 gctgttattt tctaagcagt agacaaagg tttactgac aatagctgtg gagatagaga 240
 aaagctgcga gatttcagag ttttccaagg tgtaaacaaac taaattttgt gatcaaatg 300

<210> 272
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 272
 ggaacctact agatggacag gctgaggtgt ttggcagtga tgatgaccac attcagtttg 60
 tgcagaaaaa gccaccacgt gagaatggcc ataagcagat aagtagcagt tcaactggat 120
 gtctctcttc tccaaatgct acagtacaaa gccctaagca tgagtggaaa atcgttgctt 180
 cagaaaagac ttcaaataac acttacttgt gcctggctgt gctggatggt atattctgtg 240
 tcatttttct tcatgggaga aacagcccac agagctcacc aacaagtact ccaaaactaa 300

<210> 273
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 273
 ctggttttga ttggtcagat tcttttttca ctageggcgg tttttctttt atgtcttggt 60
 ataaagaagt atctcattgg accctattat cggagctgc acatggaaa caaggggaac 120
 aaagaaatcc tgatcttggg aatatctgcc tttatcttct taatgttaac gggtcacggag 180
 ctgctggacg tctccatgga gctgggctgt ttcttgctg gagcgctcgt ctctctcag 240
 ggccccgtgg tcaccgagga gatcgccacc tccatcgaac ccatccgcga ctctctggcc 300

<210> 274
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 274
 ccacgactca tttgtttcat tcacattcct cacgtgcaac aacataatta tattttaaga 60
 aaatgtaact ttgttacatc aaaatatgtt gtctagtaaa aagttgatat tcagtagaac 120
 aaggatcatg taaataaaca tctatttcac atgtacccaa aagcatttaa aaagcagaat 180
 ccagggccca gagcatgagc cagggaggag gatgtttttc ttcttttctc tatttttccc 240
 taaattgtgc aaacataggt gagtctctta acctttctgt gctcagttt ttctacctct 300

<210> 275
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

<400> 275
 ccacgactca tttgtttcat tcacattcct cacgtgcaac aacataatta tattttaaga 60
 aaatgtggct ttgngcatca aaatatgttg tctagtaaaa agttgatatt cagtagaaca 120
 aggatcatgt aaataaacat ctatttcaca tgtacccaaa agcatttaaa aagcagaatc 180
 cagggcccag agcatgagcc agggaggagg atgtttttct tcttttctct atttttccct 240
 aaattgtgca aacataggtg agtctcttaa cttttctgtg cctcagtttt tctacctcta 300

<210> 276

<211> 263
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(263)
 <223> n = A,T,C or G

<400> 276
 gtggcaactt gatgaaacag ccaaatgcac cagggcaggt cactttccca ttacactgat 60
 tccacaatta aaaaaaaaaa aagaaaaaaaa actcattgaa atagctacag ttctataggt 120
 taatttaaag cctccttttt ctactcattt ttgaaaccaa aattacattt tactatttta 180
 cataaccagt gaaaagacgt tgaaagccta cagnnnnnnn tntttgngc tctgaaaatg 240
 ntnangnnnn ntntntnnnn ttt 263

<210> 277
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 277
 tcactacact taaaaatata agggacatgt taggcaatca gatgctttgt agaaactgag 60
 ctatttgtcg gcctggcgcg gtggcccaca cctgtaatcc cagcactttg ggaggccgag 120
 gcagtggctc acgaagtcaa gaggttcaaga gcaacctggc caagatgggt aaaccctgtc 180
 tctactaaaa atacaaaaat tagctgagca tgggtgggtggg tgcctgaggc tgaagcagag 240
 aattgcttga atttcaggag gcggagggtta ccgtgagcca agatcgcgtc acagccctcc 300

<210> 278
 <211> 296
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(296)
 <223> n = A,T,C or G

<400> 278
 cctgtctcta ctaaaaaata aaaaatgacc tgggcatggt ggtgggcgcc tgtagtccca 60
 gctactcggg gcgctgaggc aggagaatcg ctccaaccca ggaggtggag gttgcagtga 120
 gccgaggttg cacaattgca ctccagcctg gcgacagagc gagactcgtc tcaaaaaaaaa 180
 aannnnnnnn nngggaanc ntntnnantgg ggnnnccact tgccttttgc cnggnnnncc 240
 cangtntnc ctngttttcc nggnatttta ncccctttcc atttttgana aaagac 296

<210> 279
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 279
 ctggctcaga tgtgggatgt gtatggaaga atataaatga tgggtgtggat gtcaggggtga 60
 gggaggagac aaaaccacga tgacccttag ctttgtggcc tgaactgtgg gtggctgagg 120
 ggatcgttaa ttgaatgggg cagactgagg cttgtgagga agatcagagt ctggttcttg 180
 acatgagatg cccttcagac atctcttcac tcagggtccaa ctagggatac agaaacactg 240
 aatatttcaa cagcagaaat tgaatggggg gattgatagc gctggcgagg gaagcagctg 300

<210> 280
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 280
gaaatataga gagatgtggg atttgaatgc ccatgaaaga cattttatct tacttgaata 60
tattcttgct tcactttacc ctccataata tggtgtacat tagtgctgat caagtttaca 120
gagttacatt ttgctttcct aaccattcag tcaggaatta aaatatggca ttgtataaca 180
actgggaaga agctcatagt ggatataaat tagagtagat aatgggtcac cttgatagcc 240
tctgtttaca ttacttgtat atgggcaaaa taattattac ctatacgtgt atttaagctt 300

<210> 281
<211> 300
<212> DNA
<213> Homo sapiens

<400> 281
atcttttaggc tccgtgtgtg aaatgcagca agcctgcccc cagcagcctg tgggctaate 60
ctgagctgtt ccttcgttta ggtacacagg tgaccctgaa gttcccactc ggccctctgt 120
tttctgagtc ctgtctcctc tgtagcacag tggggattgt tctgaaccgt ggacgcctt 180
cttggcgagg caggctctct tatggaacca tagtctgtta cctcatttct tccaactgct 240
ctgtccccta aatgtgtgtt cccaggtgca gtgcagcaag ggtgctcgct gttggccttt 300

<210> 282
<211> 261
<212> DNA
<213> Homo sapiens

<400> 282
cctgtttcca ggagatatgt gtgtccatca gcagtataa aaatcttggg caggtgttat 60
tgcactgttt gtatgattca gaccaccta ctctgctgga aacaagcagg ttgttgctta 120
cttgcccttc ccaggcagaa gtggccagtg tttgggtga aaggatccag gaacatccag 180
ctatttatga tagcatttgc ttcattatgt caagttcaac aaatgttgac ttgctggtga 240
aggtgggaga ggtgtgggag g 261

<210> 283
<211> 300
<212> DNA
<213> Homo sapiens

<400> 283
gaaagtggtgc gcgcttctca cggctgagtt gctgcgctg cagacggaag ctccccacag 60
gcagagctgc ttggatgtgt gagtcatgaa gccagagaag ccccgctcca tgagcagtga 120
ctccccaggc cctgtgacct cctcctgtgc ttgcagctcc tctggcacc agtccccagg 180
gctctcctgt tggtagttcc tgcttttctt cttggaaatt cctcgtggac ctcgagatct 240
ttaccctaaa atagttctgt tgaatttcac cctggcaatg taaattgata gcttatcttc 300

<210> 284
<211> 300
<212> DNA
<213> Homo sapiens

<400> 284
gaagacacca gtggtggaat cgagtgtttg gccacagttc gggacctatg gtagaaaaat 60
actcagtagc taccagatt gtaatgggtg gcgttactgg ctggtgtgca ggatttctgt 120
tccagaaaagt tggaaaactt gcagaaactg cagtaggtgg tggctttctt cttcttcaga 180
ttgctagtca tagtggctat gtgcagattg actggaagag agttgaaaaa gatgtaaata 240
aagcaaaaag acagattaag aaacgagcga acaaagcagc acctgaaatc aacaatttaa 300

<210> 285
<211> 300
<212> DNA
<213> Homo sapiens

<400> 285
atgttaaatc atgtcttaaa catctgtgaa aaagatggta cttttgacaa cttttatctg 60
catgtccaga tcagcaatga gtcggcaatt gacttctaca ggaagtttg ctttgagatt 120
attgagacaa agaagaacta ctataagagg atagagcccg cagatgctca tgtgctgcag 180
aaaaacctca aagttccttc tggtcagaat gcagatgtgc aaaagacaga caactgaaca 240
aattacaaat gaactttctt gcacttgctt gtcgccaaat aaaagagagg cccattgatt 300

<210> 286
<211> 300
<212> DNA
<213> Homo sapiens

<400> 286
ctaaaaatgtt aaatcatgtc ttaaacaatct gtgaaaaaga tgggtactttt gacaacattt 60
atctgcatgt ccagatcagc aatgagtcgg caattgactt ctacaggaag tttggccttg 120
agattattga gacaaagaag aactactata agaggataga gcccgcagat gctcatgtgc 180
tgagaaaaaa cctcaaagt tcttctgggtc agaatgcaga tgtgcaaaag acagacaact 240
gaacaaatta caaatgaact ttcttgctt tgcttgctgc caaataaaag agaggcccat 300

<210> 287
<211> 300
<212> DNA
<213> Homo sapiens

<400> 287
aagtaatacg tcctttcatc ttttctttca agatatttct gcattaaatc atcctcagta 60
tatttttttg aaagccaagt tttcccaaag ctccctcattt cctcatctcc ctctgtgcca 120
ctggtttttc agttgctggg ggctacagac cctctctcta gaaagatgga catgtgaaca 180
taagcactgc attttgcaca caatttcctt gggttcagaaa ccacctgaac ttttccttct 240
agaggaccct gcttaaacac ttccattcta ggggtgtccag cccattaaga tggccaagaa 300

<210> 288
<211> 300
<212> DNA
<213> Homo sapiens

<400> 288
actttataaa taaattatat gtctgatact agccttccat tgccctggatc acatctgatt 60
gtcctggtaa tttgagaaaa gggtagcccc ttgggtatgga tagtagcttg atgacatgga 120
attcagggaa aagactatga tgggtgtcact tgtaactgct tttgtgctgt aaaattgtca 180
tggattaaga agagagttgg ctgggtgcgg tggctcacac ctgtaatcct agcactttgg 240
gaggccaaag taaggactgc ttgagcccag gaggttccaga ccaacctggc caacacagcc 300

<210> 289
<211> 300
<212> DNA
<213> Homo sapiens

<400> 289
ttactgactg caacaacttc agattatacc tcttctactc caagtgcctt caaagaaagt 60
cctctgccaa gacaaattca ttacgttttt tccctctacc tgtttgcctt tattctcttt 120
tgtatttcac cttctcatct agattgaata atctttgaga gcacagatgt ttatttatat 180
tttccctttc catttctact cagcatgagg tgtccattga acaaacttga tgaattttta 240
ttgcttaata tcttgctaga ggtggggaga gaggttgggg gcggttaagg aactatcagc 300

<210> 290
<211> 300
<212> DNA
<213> Homo sapiens

<400> 290

ccactgcgtc	cctttgcgtt	cagccctcc	tctggcttcc	agttacacca	agctaaaatt	60
tcaggttccc	agctgcagct	ctctgggtcc	cccggtgccc	cagtggggct	ccccgcatct	120
gaatgtgtgg	tccctggggg	tgggcacttg	ggggcatcct	ggcactgct	ggccctagca	180
ttggacccta	ggagacctga	ctggaactgg	ctccctcccc	atcagctccc	agctgtcact	240
ctctcccacc	cccgggcagc	tgttttgccc	aagaccactg	ctacctgttt	accacacctg	300

<210> 291
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

<400> 291						
aataaacgta	tgtgttcata	ttcgatcacc	gaaatgagag	ttcttaattg	ctaattgaca	60
aacgcgttag	caatttcagt	tagggagtca	tctcccttga	ttgtgttctt	ttcctgtcaa	120
ttttcataga	cctaatttgc	aaactcaatc	ggggactaaa	atttcccact	gaaaatgtta	180
aacatttttag	ataactgtga	agatagttta	tttttatctc	ttgccaatct	gggaatatgc	240
ctttttnnnn	nnnnnnnnnn	nnttnttaag	tgctgtatta	ataatacttt	ctgaaagaaa	300

<210> 292
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 292						
cgccagagca	gcagtgggga	acatcttctt	gtctgctgga	cacctgattg	ggccgggtct	60
ctgccattcc	ttctgcaatt	acatgggttt	cccagctgtt	tgccgggcct	tggagcacc	120
acagaggcgg	cccctgctgg	caggctatgc	cctgggtgtg	ggactcttcc	tgcttctgct	180
ccagccctc	acggacccca	agctctacgg	cagccttccc	ctttgtgtgc	ttttggagcg	240
ggcaggggac	tcagaggctc	ccctgtgctc	ctgacctatg	ctcctggata	cgctatgaac	300

<210> 293
 <211> 289
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(289)
 <223> n = A,T,C or G

<400> 293						
ctgcgctatc	agcgcaaaga	acctcccagc	agtgccactg	acccacacctc	ccccagccc	60
cacagctggg	tctggctggg	cactgaccag	gaggaactga	gccgccagct	ggaccggcag	120
tcccctggcc	cgcccaaggg	ggaggggagc	tgcccctgtg	agagtggggg	aggaggggag	180
ggccctaccc	tggcccctgg	ccctcctggg	ggcaccacca	gctcctcaag	caccctggcc	240
cgaaaggagg	ctggggggcg	gcggaagcga	nnnnnnnttg	ngacatttg		289

<210> 294
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 294						
cagagctgtg	atctgcccc	aggtattctg	acccccaaac	tggtctctca	ccatgtttac	60
atgatgaaaa	gaagaggtga	ctgttgtatc	agctctaaag	gcctcacttt	tggtgaaatg	120
ggacctaaat	ttgattgcat	acttgattac	ttgctgtcaa	tactgaaatt	ggcacttcat	180

aattttaata	ctattgaact	ttcaccataa	ccctgtccta	taaagttgac	ttgcaaatga	240
agaaactcta	tctcttcaat	attataaaat	atatccaaga	gtcacaacta	gtgagaaaag	300

<210> 295
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 295						
ctttccatt	cacttctcta	gaaagctgcc	aagacagagg	cagaaagaaa	tggatgatag	60
ttctgtcaag	cacacttctg	ttctcttaga	acttagaagt	gtttctaaga	gaacagaagt	120
aataagagaa	acagttacgt	gtggaattca	acatctttgg	ttggaacgca	ttggcttttt	180
ttttcttggt	ttgatagaaa	tggaattaa	caaaagtagt	ttttgtcttt	tctgttgtcc	240
tcaaattcca	tgcttttat	ttttaattta	atcccgttca	aataactta	tggtatacat	300

<210> 296
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 296						
gttttgttct	cttctttgac	tattaaaaag	ctcagtgcc	aatatttcta	acatatggca	60
agtgtttctg	tgtaccttac	aagtctatat	ataaattttt	cttctcttga	cagggtttta	120
tctatattta	gcaagtcacc	cctaattctt	ttagaataag	gcagaaaata	aatcaacgta	180
aaggttgaga	ccaagccaga	gacagctggc	caaagtagct	ggttcaggga	tataacctgc	240
aagttgccaa	cccagcgcat	tcttctcacc	cttcttccac	cctacgaaag	gccatatctt	300

<210> 297
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 297						
cgacagctct	ccaatactca	ggttaatgct	gaaaaatcat	ccaagacagt	tattgcaaga	60
gtttaatttt	tgaaaactgg	ctactgctct	gtgtttacag	acgtgtgcag	ttgtaggcat	120
gtagctacag	gacattttta	agggccagg	atcgtttttt	cccagggcaa	gcagaagaga	180
aaatgttgta	tatgtctttt	accgggcaca	ttccccttgc	ctaaatacaa	gggctggagt	240
ctgcacggga	cctattagag	tattttccac	aatgatgatg	atttcagcag	ggatgacgtc	300

<210> 298
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 298						
tttctccatg	ttggtcaggc	tggtctcgaa	ctaccgacct	caggtgatcc	acccacctcg	60
gcctcccaca	gtgctgggat	tacaagcatg	agccaccgcg	cccggcctcc	ctgttccagt	120
tttctataat	ctgttcatat	tatattctgg	gtatatgtgg	gtggtgtgat	tatccatgtg	180
gtcttatttt	cacattcttt	gcattaacta	taatgtactt	aatgttttaa	gataagtttc	240
attctacaaa	gatgtatgta	caataacctg	tatcaggtaa	caatcttaaa	aaaaactaat	300

<210> 299
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 299						
cttcagcatt	cagccacttc	gtttcagtgg	catctgtaat	atactcttta	atatgaagat	60
gttgaattaa	aagtcaaaat	actgatgtga	gttgacctag	tctcaaaggg	taaaagatta	120
tttttccagg	gagcaaatga	gaaggttggg	tgccagagcc	ttttgctgaa	cagttggagc	180
cgtgtccagg	tggaagtgcc	aatacagaat	caggattggg	gggcacacgg	agaaacaggc	240

tatggccctt gagggctgaa cccccaggg tgagggtgca gatgctgccc ctgcttcggt 300

<210> 300

<211> 300

<212> DNA

<213> Homo sapiens

<400> 300

gctttttggg	acagtagaaa	ttttcacatt	aatactgtaa	attctgtacc	atattttgac	60
acctgctaca	tctgattcaa	atgcgggaaa	aaataccatg	tgtgcataat	gaaaaatcat	120
tcatttttcc	ctttcttacc	ccagcaggaa	tagaaagcaa	ttccaagcca	ctctgcaaat	180
gtatccaagg	ttagagattc	gggagctggc	caacatctta	caccccaaat	gactgaagca	240
tttcagtagg	ctgactggct	cgaaataaca	atttaagaaa	ggggggaaaa	aacctacagg	300

<210> 301

<211> 300

<212> DNA

<213> Homo sapiens

<400> 301

gaaatggatg	atagttctgt	caagcacact	tctgttctct	tagaacttag	aagtgtttct	60
aagagaacag	aagtaataag	agaaacagtt	acgtgtggaa	ttcaacatct	ttggttggaa	120
cgcattggct	tttttttctt	tgttttgata	gaaatggaat	taagcaaaag	tagtttttgt	180
cttttctgtt	gtcttcaaat	tttatgcctt	ttatttttaa	tttaatcccg	ttcaattatt	240
taattgttat	acattgacat	taactgctgt	attttgactt	tgttcaataa	ttttgttctc	300

<210> 302

<211> 300

<212> DNA

<213> Homo sapiens

<400> 302

agtaccaga	gttgcgagga	gttttttaac	tgatttagcc	aggtggcaat	catgagtga	60
tgatgaaga	aaggcccctt	agaatggcaa	gattacattt	acaaagaggt	ccgagtgaca	120
gccagtga	agaatgagta	taaaggatgg	gttttaacta	cagaccaggt	ctctgccaat	180
attgtccttg	tgaacttcct	tgaagatggc	agcatgtctg	tgaccggaat	tatgggacat	240
gctgtgcaga	ctgttgaaac	tatgaatgaa	ggggaccata	gagtgagga	gaagctgatg	300

<210> 303

<211> 300

<212> DNA

<213> Homo sapiens

<400> 303

accagtatca	gatttgtgat	taatcgcatt	actgtcaagt	cctcatgcag	gccagtcaga	60
cttctgtgtg	tgttccctca	ccttccattt	aagtttcagc	ctttatctat	gtccttttgg	120
gtgtctgcca	tgctgatgat	agagctcatc	agtctttgat	aaatactgtt	aggctcctaa	180
gtgattttct	gtgaaatctt	acgcatagga	tttctgtggt	caggggttga	cgtctgatct	240
tgttcgtcag	atcccccttg	tcaagaatgc	aagtgcatta	cctcttaaat	tttaaaagct	300

<210> 304

<211> 300

<212> DNA

<213> Homo sapiens

<400> 304

attggagttg	aaattaacat	ttcaaaagtt	tttcgtattt	ttttatggca	gatgatttgt	60
catttattta	tattaggttt	tactgcctat	tgagacaacc	aggtgcataa	ttgattgccc	120
tttgccata	aaaatgcagt	gtcatggatc	ttagagctaa	aaaggactgt	aaaaattacc	180
cagaacagcg	tcttcagact	taaccttctg	caagttatgt	ctgtatataa	gaagattcta	240
attgctaact	gtttatactt	ttctgaataa	aatagttggt	tcctaattaa	aaagtagcca	300

<210> 305
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 305
 gtggaactgg ctcaggctgg attactcttg ctgctgtctt gctgtactgt atgccactgg 60
 gatctgaaca ctaaacattg ctaagaaacc caccaccac caggatattt ggaagtaact 120
 tcacatatgg aaaagttaaa gactcagtct ctgagaaaac aattggactg atgcgaatgc 180
 agttttggaa aaaaactgtg gaagatatat actgtgacaa tccaccacat cagcctgtgg 240
 ccattgaact atggaaggct gttaaaagac ataatctgac taaaagatgg cttatgaaaa 300

<210> 306
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

<400> 306
 cacttgggtg agatccaatt tatctcacct tctgatagtt ttaaaagaga agtaatttta 60
 atttacatta actttaaaat atttgtatgc caaacactag ttattttgag gggatcgaaa 120
 caaatcatag cagagataag gaactttcat actttgggag gatttttttt aaataactgt 180
 atgtttactc taagtagata tgtgtatgca tgcattcact tatgatatgc acannnnnnn 240
 nnnnnnacac acacacacac acacacacag aaatttatgn ngcctttaan aatcttggga 300

<210> 307
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 307
 agaggggtgg gtctggccac ataggtacct ctgtggctct ggtctggggg tagacactgt 60
 tagggactag catttatttg acttgtaaag acagcacctc agaattagta actacttgca 120
 ttttaggtgc tgttttatga agccaacaag tgaatgtaaa ataggctctg catcttttct 180
 gagagcctg tcaactggca gtgagcattt ccaaaattgc agctctgtca gaatgaacca 240
 tgaatactta agaaagggaa agtaggaaca gggagcagag caaagcataa cttgctgtgt 300

<210> 308
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 308
 cttctgttga ttggtttgtt taaagtacct aagtactacc ctttgactcc ctacaaaag 60
 ttcttttgtt ttttaacaa cttttatttg tgacttactt tcttgagaag tgttcttaat 120
 gaattgcata aaatagtggg agcagcttat ttcttaagta ctttattatt tgtgctttac 180
 catttcaggt tcttatcttt aacccttatt tactcagttt tccatctgaa tgatcctatc 240
 tctaaattaa ggatttaata aatgctgcaa attgtccact ttgcaaattg tccaaaagct 300

<210> 309
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 309
 ggctcagagg gggttatgatt cggagggttc tgccgcacgg catgggcccgg ggcctcttga 60

cccggaggcc	aaggcacgcg	cagaggaggc	ttttctctgg	gtaaagttga	ggacgacaga	120
gggtattgtg	gttctggggt	gtccccaacc	tccgactgtg	tgtccttcag	gacccgaaac	180
catgcccac	actggcagga	cagtgggtcg	gcttggggaa	gggggttagc	ttacctacca	240
gagcttgtag	gggctgtgca	ggtgtatggc	tcccaaggcg	gcccttttca	ggtggcaggt	300

<210> 310
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 310						
gggaccagaa	catgaccggc	tgggcctaca	aaaagatcga	gctggaggat	ctcagggttc	60
ctctggtctg	tggggagggc	aaaaaggctc	gggtgatggc	caccattggg	gtgacccgag	120
gcttgggaga	ccacagcctt	aaggtctgca	gttccaccct	gcccatcaag	ccctttctct	180
cctgcttccc	tgaggtacga	gtgtatgacc	tgacacaata	tgagcactgc	ccagatgatg	240
tgctagtcct	gggaacagat	ggcctgtggg	atgtcactac	tgactgtgag	gtagctgcca	300

<210> 311
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 311						
acaagaagcc	atgaggccat	agggagaagc	tccctctccc	cttcattctc	tgctccaaag	60
gtggtagcaa	gaggagtacc	cagttagggg	ttggagcccc	catataacat	cttcctgtca	120
gaagactgat	ggatcttttt	cattccaacc	atctcccttt	ccccgatga	atgcaataaa	180
actctgtgac	accagcaacc	attgctcttt	agaaatgggt	tttctgatca	tatggctgat	240
gtgttatggg	cagcatggat	gtcttcattt	gttgcttctg	tttttcatct	tttttgtttt	300

<210> 312
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 312						
aaagaatcca	attttagagc	tgctaaaaaa	ctcttttgaa	gcacctttgc	atttcatggc	60
tcacagattg	aaaactggca	ctccatcctg	aggaatggtc	tggttggtgc	ttctaataca	120
ccgattgcag	ctccatgggt	caatgtatgg	aagtggaaac	tatcttagtc	caatgtcaag	180
catatcattt	ggttactcag	ggatgaacaa	gaaacagaag	gtgtcagcca	aggaccgaag	240
ccagcttcaa	gcagtaaaaag	cagcaataca	tcacagtcac	agaaaaaagg	acagcaatcc	300

<210> 313
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 313						
gggtgttgga	gcagattgta	gttgatccac	agcaaagagc	atcaccaaag	ccattccagg	60
aggaactaga	tccaccactt	cctctgctgg	gcatgctcca	aaaatgggtg	tggttccag	120
agaggactcc	aaaagaaagc	acaaaaacta	gacagtggga	gggcataccc	aaaagccctg	180
agtttctgaa	aaaatattga	aagtttctat	ggtgaaatag	gaagttaatg	tgcttaggaa	240
gaaaaaagtg	gtaatgattc	aaggaaacat	aatcacacac	ggtttttagt	ttaatggaca	300

<210> 314
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 314						
ggcggaggag	cagaagctca	agctggagcg	gctcatgaag	aacccggaca	aagcagttcc	60
aattccagag	aaaatgagtg	aatgggcacc	tgcacctccc	ccagaatttg	tccgagatgt	120

catgggttca	agtgctgggg	ccggcagtgg	agagttccac	gtgtacagac	atctgcgccg	180
gagagaatat	cagcgacagg	actacatgga	tgccatggct	gagaagcaaa	aattggatgc	240
agagtttcag	aaaagactgg	aaaagaataa	aattgctgca	gaggagcaga	ccgcaaagcg	300

<210> 315
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 315						
aagtatatat	gactccactc	aggggtgtaa	aagcaaccac	agcatcaaag	tctactcagc	60
taaagactaa	cagaggacag	agaaaagtga	cagtttcagc	taggacgaac	aggaggtgtc	120
agactgctga	agccgactct	gaaagtgatc	atgaagttcc	agaaccagaa	tcagaaatga	180
agatgagact	accaagacga	gccaaaaccg	cagcactaga	aaaaagtacc	acttaccctt	240
gcccaatttc	tcaatgaaga	tctaagttag	gaaagacgat	ggaggtggaa	tcctttaaga	300

<210> 316
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 316						
gacctatctt	gatctggata	gtaaagttag	gactttaaaa	aaggttatta	aattactggg	60
agaaatcatg	gagcacagat	tcaagacata	tcaacaattt	agaaggtgtt	tgactttacg	120
atgcaaatta	tactttgaca	acttactatc	tcagcggggc	tattgtggaa	aatgaattt	180
tgaccacaag	aatgaaactc	taagtatatc	agttcagcct	ggagaaggaa	ataaagctgc	240
tttcaatgac	atgagagcct	tgtctggagg	tgaacgttct	ttctccacag	tgtgttttat	300

<210> 317
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 317						
gattgtgaca	tggtgtaata	aaggtataca	tggtgtaata	aaggtataca	tggtgtaata	60
aaggatgtgg	gagcacaat	ccataggaat	ttgagagttt	aggaattgta	tttattattc	120
aggcccttca	ctctcagact	accctgctct	atttgaataa	tgaggcttgt	ggtggctctgt	180
ggaaaagtgg	acagagtaga	atttgggcag	ctgctgaagg	tttgggtctct	ggaatgagtc	240
cacgttacct	taaggacagt	aatcccaaat	tgagacaaaa	actttaagaa	aaccaatggt	300

<210> 318
 <211> 298
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(298)
 <223> n = A,T,C or G

<400> 318						
ggggtcttgg	atggcttttc	caccgtccct	gagactgggg	ttgaggggac	tgacgggggc	60
caccaccgcc	ccgccctcca	gcgcctcctc	ccagggtggc	tgggcctcct	gttctcaggg	120
atcacannnn	nnnnnggggn	ccaacccctt	ccggaaccaa	ggtgcangct	tangnctgcg	180
gctttctggn	tgtgtgctgg	cttctgggct	tcanctcctc	gccccagccg	tccttgccan	240
ggcacannng	accatggggg	ctgggagtc	catnanagca	gtgangtggc	cccggcct	298

<210> 319
 <211> 277
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(277)
 <223> n = A,T,C or G

<400> 319
 agaggggtggg gtctggccac atagggtacct ctgtggctct ggtctggggg tagacactgt 60
 tagggactag cattttattgg acttgtaaag acagcacctc agaattagta actacttgca 120
 ttttagggtc tgttttatga anccaacang tgantgtaaa atangctctg catcttttct 180
 gagagccctg tcactgncaan tnnagcattc ncnanattcg natctctgnc ntnatgtant 240
 atgnctacnt ttnanttntt ttgtttcccc ntttnct 277

<210> 320
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 320
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 atcttggtat aacctccacg agttgtgtct cttttgtttt ctacattata cccaacggct 120
 agcacataac aggcacccaa tatatactga acgaactaag gaatgaatga aggaatgaat 180
 gaataggtgg cttataggaa acccctgggg ccagggactc tgcaacatca ccatgtaact 240
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<210> 321
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 <212> DNA
 <213> Homo sapiens

<400> 321
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 tgaagcagcc aagagacaga ggaccaggct ggagccagtg ggcacgcagg agcctgcctg 120
 ggaaaagccg gggggcaagg ctggcatggg aatgaacacc tgctggtgac acctctctga 180
 gcttcagttc ccttaactag aaaaatagaa caggcccgtg gcggtggctc atacctgtaa 240
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<210> 322
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 322
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 aactgtttcc taagctccga cacttgctcc agaaatagct tcaaaacat ccattacaaa 180
 atcgaatcaa ctgcaggggc cagcatttga aacatagaaa tgttctgatg aagaatctga 240
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<210> 323
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 323
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 gacatggcag cgggtagctc ctggggctga gccagaagca tcaactgagc gaaagtctct 180
 gcttacctgt ctggctcagc ttgggcaagg gctgggcat atgtgctcag ggacgtgctt 240
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<210> 324
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 324
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 agatccagca tgggattagg tactgaaatg gattagaact aaaagtcact agaatttaga 180
 aattgagaac catgagagtg gatgcaatga cttgttgctt gattgaaaaa taaattaata 240
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<210> 325
 <211> 292
 <212> DNA
 <213> Homo sapiens

<400> 325
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 taaaagccag tgatgtactt gccagggttc tcagccaaga aagtgggggt gccagactc 120
 tcaagaaagg agaagttttt ttgtatgaaa ttggaggaaa tattggggaa ccctgccttg 180
 atgatgacac ttacatgaag gatttatatc agcttaaccc aaatgctgag tgggttataa 240
 agtctaagcc attgtacaag acttaacaag ctgcagataa ccatgtggac tt 292

<210> 326
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 326
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 tcagatgtct tgggccctga atagtcctag attacttatt ttgagaattc attgttaaaa 120
 attacaggga attaaaataa ttgccttttt ttttagaggg taagagatgg gtagaagagt 180
 atgcctctga aaattttatt agttttattct tgtggagaat accaagaaaa tgtgtatttg 240
 cccattgcta aatatgatat atgccatttt gtattttatt gtoccaaagt tctttttgta 300

<210> 327
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 327
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 tagcctcttt cctcgtttct agtctcagaa ggaaggagag ggaagccatt ctctcttagg 180
 gactcttcag tctcatttag atgatagtc ctttttttct acctccatat tagagatgga 240
 gctccttctt tttcctgggt ctttaatttt gtcttctcat tcttgcttcc ctctcaccct 300

<210> 328
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 328
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 gtagagacag ggtttcgcca tgttggccag gctggtctca aactcttgac ctccaggtgat 120
 tcaccacct cagcttccca aagtgttggg attataggcg cgagccacca tggctcagcc 180
 tcatgttcgt ttttaaaact taggatgggt gctcttttac attgattggg aggaactctt 240
 catattacga ggcagtttag tagttgtctg tgaaataaaa tactaatgat tgaactttct 300

<210> 329

<211> 300
 <212> DNA
 <213> Homo sapiens

<400> 329
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 ccaggaggca acaggcgaaa ctcaacagca aaagactaca ccattctaga ttgcatttac 120
 aatgaggtaa accagaccta ctacgttctg gatgtgatgt gctggcgagg acaccctttt 180
 tatgattgcc agactgattt ccgattctac tggatgcatt caaagttacc agaagaagaa 240
 ggactgggag agaaaaccaa gcttaatcct tttaaatttg tggggctaaa gaacttcctt 300

<210> 330
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 330
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 acgtagtggc ctttttcagg ccagcatttt ttccttgaaa acctggagca tgtatccatc 120
 ttatagcaga gatcactttc acaatgtttg ggctcttgat ttgaattgat gatgtaatga 180
 gccctctatc cagattgtaa ctaattactc tgcgaattga ctggattcca cacccttcta 240
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<210> 331
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 331
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 tactccaggt gccagtatta ttttgtgaat gtttttttc ttcatatcta ctcatcttta 180
 tactactttc ctgtaaaaag gaaactagag aacatgatct taaatgaaaa ccaacgatca 240
 cttgccagaa agaacaggta actaggcttt gaaaaataa gttagaggag atagcataat 300

<210> 332
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 332
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 tttctgtgtc agtcttcatt ttaaataatg atacaaaaag gatacgccga gccaatcaaa 120
 gacaagcttt aactttactt tgaagtgttt ctgaaatgat aaaatgtagc cctagccccc 180
 tgccctcaat tgtaaagtga gcaaccattg ctagtaattc tttaatgtgt ataaattcaa 240
 tttcaggtat aacaaatgtg atcatgacat gaaaatattc tagaatagat actgtattaa 300

<210> 333
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 333
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 cccaaaatgt tgcttttcat tctatgtcaa taatttaagg tggaatttct ctaccctgtt 120
 ggagatgaaa gtggcaaaaag gttgtcccag cagtgttggg ggatgggggtg tgcacatcat 180
 tcttttgggg gtagatgacc tgctggctgg tgggcttttc tccaggacta ctgcaggtag 240
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<210> 334
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<212> DNA
<213> Homo sapiens

<400> 334
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agcagccaag agacagagga ccaggctgga gccagtgggc acgcaggagc ctgcctggga      120
aaagccgggg ggcaaggctg gcatgggaat gaacacctgc tggtagacac tctctgagct      180
tcagttccct taactagaaa aatagaacag gcccggtgcg gtggctcata cctgtaatcc      240
cagcactttg ggaggctgag gcgggtggat catgagggtca ggagatcaag accaccctgg      300

<210> 335
<211> 300
<212> DNA
<213> Homo sapiens

<400> 335
ggaagaggga cgccgagaag aaggacctgc ctgtcaccaa aaacacgctc aagtgcactt      60
tccggtccct ccaggtcagc aggctgccca gcagcggcga ggctgcagcc acgcccacca      120
tgtccatgac cgtggtcacc aaggagaaga acaagaaggt gatgtttctg cccaagaaag      180
cgaaggacaa ggacgtggag tctaagagcc agtgcattga gggcatcagc cggctcatct      240
gcactgccag gcagcagcag aacatgctgc gggtcctcat cgacggcgtg gagtgcagcg      300

<210> 336
<211> 300
<212> DNA
<213> Homo sapiens

<400> 336
cagagctgta tcttcagtgg tgtgatgaag ctacagtagg ggagatcact catgctaggt      60
atggatctcc ttacccttgg cctctgaatc atattttggc ctatcaaaaa cagtgggaag      120
tcaaacgtaa gatgaaagct attggatggg gaaagaagac tctggaccag gtcttagagg      180
atgtagacca gtgctgtcaa gctctctctc aaagactggg aacacaaccg tattttctta      240
ataagcagcc tactgaactt gacgcactgg tatttggcca tctatacacc attcttacca      300

<210> 337
<211> 300
<212> DNA
<213> Homo sapiens

<400> 337
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cattttttcc ttgaaaacct ggagcatgta tccatcttat agcagagatc actttcacaa      120
tgtttgggct cttgatttga attgatgatg taatgagccc tctatccaga ttgtaactaa      180
ttactctgcy aattgaatgg attatacacc cttttaatat tttacttttc ctctttttatc      240
aactctcatt ctcgctgcc a tgatcaatgg accaactatg cttataacca caaatggtga      300

<210> 338
<211> 298
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(298)
<223> n = A,T,C or G

<400> 338
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cggggattgt cagctcaaac accgtcagca gcgttgccct tggaaatggg atttcccaga      120
acagtaaacy tgtctgtcct tgatttacag agtagctaca ttcctaggaa atccagggtg      180
cattaaaact caccatgtta cccaggctgg tctcaaactc caggcctcaa gcaatcctcc      240

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tcctgtctcc acacagacgg cttctgcacg tttngaatc tacaggncac tccttgca 298

<210> 339

<211> 300

<212> DNA

<213> Homo sapiens

<400> 339

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gaaagggaga	caggggaagag	aacagtgggtg	gggctgtaag	ttgacctcca	ggtggcagaa	120
aataaagttg	gaagaattga	ctgggacaga	cagccagggc	cctgcaggaa	gggcgggaga	180
ggaagcctgc	ggacacctgc	cctttgtgat	tgaaccgcag	acaccaggcc	tggcggggtc	240
gcttgctctc	gctgcccagg	ctaaggctcc	gctaagctgg	tcctgagaac	atacttcattg	300

<210> 340

<211> 300

<212> DNA

<213> Homo sapiens

<400> 340

ccagccccctc	ctctccccgc	cttctgggag	gaggaggtca	cacgctgatg	ggcactggag	60
aggccagaag	agactcatag	gagcgggctg	ccttccgcct	ggggctccct	gtgacctctc	120
agtccctctg	ccgggccagc	caccgtcccc	agcacccaag	catgcaattg	cctgtccccc	180
ccggccagcc	ccccccactt	gatgtttgtg	ttttgtttgg	ggggatattt	ttcataatta	240
tttaaaagac	aggccgggcg	cggtggctca	cgtctgtaat	cccagcactt	tgggaggctg	300

<210> 341

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(300)

<223> n = A,T,C or G

<400> 341

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gttatgggtg	ggcgacaggt	tgatacagtc	ttagaaaaag	caggtaatat	caaaggattg	120
gaaagctagc	atgcatgccc	tcttacctgg	gtatcttccc	ccttttttcc	ttttaaacctc	180
ttgagcctcc	tataacagaa	ggattatgtg	cttcaaacct	tcttntttna	ctgngccatn	240
aagtgggctn	gngcccaaaa	tatttacttg	canaanatcn	gtnactggct	taaatacttc	300

<210> 342

<211> 300

<212> DNA

<213> Homo sapiens

<400> 342

agaagattgg	ggatgaggag	tgaggagaag	gctggagacc	agttagaggc	taccgtagca	60
gcgtagagag	gctgaaaatc	taactagggg	ggaagcagcc	aggcaggctg	gtcctaattg	120
tgggagttgt	tcagatctgg	tggagaggtc	attacttata	gagttattaa	tttatacccc	180
accttaattg	caaagagatt	caaagcagta	agccatcact	ttagaattta	atgttctggt	240
ttccttttta	tttactcatt	cagcagctat	ttcaatgcct	gctgtgtgcc	aggtgctatt	300

<210> 343

<211> 300

<212> DNA

<213> Homo sapiens

<400> 343

gctgcacagt	gggaaggga	ctgggctgga	agccctaccc	atgtcaggga	atgtctgggc	60
ctcagatttt	tattttctag	aatgaagata	cttaccctcc	aattgctgag	atatttgaat	120
aaaagtatat	gtgaaggatt	ttgtaattat	agaatgtcct	acaaatatga	gtagttcggt	180
tgctactttt	ttggcggaaga	aaaatattgg	gatgcatgaa	taatattctac	ctaagggtacc	240
taaggttgta	ttcatcccat	ttattgaatg	ccaaggatat	accagctact	gctccagatg	300

<210> 344
 <211> 300
 <212> DNA
 <213> Homo sapiens

ctgggaaggga	ataattcaat	ttgattggca	gatatatata	atacagtagg	agaataatgg	60
gagaaaagata	aattgagact	agaataggta	gacttttaaat	gcctgtctgg	tttaggtatt	120
tgaactttca	aggtgtggta	aatgtttgag	taaaggaata	atgtgtccaa	agattattat	180
ggaattgtct	ctctgcatac	ctctatcgct	gtttgtcaca	gctgtgttct	tatgtgactg	240
attcttcctg	aagattagaa	actcctcaaa	gactggttat	tagagcttat	tcttcattat	300

<210> 345
 <211> 300
 <212> DNA
 <213> Homo sapiens

aaaaagtaaa	gcttttcatg	agcacaaatc	ccttgcatg	tttgatgta	ctgatattcg	60
taaaatgaat	attttttgtt	ttgttttggt	ttattttttt	gagacaagtc	ttgctttggt	120
gcccaggctg	gagtgcaatg	gcatgatctt	ggctcactgc	aaccctgcc	ttgcgagttc	180
aagtgattct	tctgcctcag	cctcctgagt	agctgggatt	acaggcgctc	accaccacac	240
ccagctaatt	tctgtatttt	tagtagacac	agggttttac	catgttggcc	aggctggctc	300

<210> 346
 <211> 300
 <212> DNA
 <213> Homo sapiens

agaaatgtag	cacaaaatgg	agaagtcgtt	caaccttgac	cctgtcagag	ttcttatttg	60
aaagccacat	tgctgctagt	gttcttattg	tgttttggat	tctgtttctt	gccctttttc	120
ttattagcca	agtagtaact	taaggaagca	gataagaaca	atgaattttg	gactaaagga	180
agtaagaaca	atgaaccaga	aatcagatag	gaatgtgggt	ataattgtga	catgggcaca	240
tagtcatagt	gggagctcat	gtgagtaaaa	atagcttgat	acatttgta	agaggcttgt	300

<210> 347
 <211> 300
 <212> DNA
 <213> Homo sapiens

caaagccgtc	ccttcaaatc	cgtctttgtg	cccactgcc	tagtcaaccc	cgtgagaagc	60
acagccggcc	ctgggacttt	aggacaagg	tctcttcgga	aagggcgag	cagcatgaga	120
agaatggat	cctgcagag	acccctccag	tccgggatcc	ccactctcgt	ggtaggtcc	180
ctcagacgca	gccccacat	ggtccttcgg	cctcagcagt	tccaattcta	ccagccacag	240
gggatcccct	cctccccctc	agccgtgggtg	gtggagatgg	ggtccaagcc	tgccctcacg	300

<210> 348
 <211> 300
 <212> DNA
 <213> Homo sapiens

actcctactc	agcccatgga	cccgatgagc	tggacctgca	aaaggagaa	ggcgtcaggg	60
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tcctggggaa	gtgccaggac	ggctggctca	ggggcgtctc	cttggtcacc	gggcgagtcg	120
gcatcttccc	aaacaattac	gtcatcccca	ttttcagaaa	gacctctagt	tttccagact	180
cccggagccc	tggctctctac	accacatgga	cgttatccac	ctcctctgtg	tcctcccaag	240
gcagcatttc	agaaggtgat	ccacggcaaa	gccgtccctt	caaatccgtc	tttgtgcca	300

<210> 349
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 349						
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catcttttagg	cgacaaaggt	tgggggtgtg	gttacagaaa	tttccaaatg	ctactttcat	120
cattattaca	aatgatgct	tacgacgatt	gcttaaaaag	tatgttgatt	ccttgcatc	180
caaaaattca	atctatgatt	gaagatgcat	ggaaggaagg	ttttgaccc	cagggggcct	240
ctcaacttaa	taacaggtta	caggaacaa	aggcctggat	tggagcatgt	gaagtatata	300

<210> 350
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 350						
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tggatacaaa	aaggatacgc	cgagccaatc	aaagacaagc	tttaacttta	ctttgaagt	120
tttctgaaat	gataaaatgt	agccctagcc	ccctgccctc	aattgtaaag	tgagcaacca	180
ttgctagtaa	ttctttaatg	tgtataaatt	caatttcagg	tataacaaat	gtgatcatga	240
catgaaaata	ttctagaata	gatactgtat	taaatattgc	catgtttaca	atatgtaata	300

<210> 351
 <211> 251
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(251)
 <223> n = A,T,C or G

<400> 351						
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tgggggtgtg	tgggggttgt	acccgagcgc	cttccctca	cctcaaccag	agaagagcat	120
ccggttgctt	tttaaagctt	ttagcctgcc	ctagcaagga	caaagcatgt	tagattagag	180
atgcttctgc	tgatcgcagg	ggttcttatt	tgaaaacatc	tatgatgggg	gaggtgnnnn	240
nnnnnnnnnn	n					251

<210> 352
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 352						
atccagatgg	gatacctcta	aacacgaaaa	gaaagaagat	tccattagt	aatttttaag	60
tttggtctaga	tcaaaagccg	agccacctaa	acaacagtcc	agccccttag	taaacaaaga	120
ggaagagcat	gcaccagaat	catccgcaaa	tcagacagtc	aacaaagatg	tggaacgcaca	180
ggctgaagga	gaaggagacc	gcccatccat	ggacttattc	agggccatct	ttgccagttc	240
ctcagatgaa	aagtcctcat	cctccgagga	tgagcaaggt	gacagtgaag	atgatcaggc	300

<210> 353
 <211> 300
 <212> DNA

<213> Homo sapiens

<400> 353

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ctttcactta	cactcctctt	gccaccccc	atccctgctt	acttagacct	cagccggcgc	120
cggacccggt	aggggcagtc	tgggcagcag	gaaggaagg	cgcagcgctc	cctccttcag	180
aggaggctct	gggtggggcc	tgctcccat	cccccaagc	ccaccagca	ctctcattgc	240
tgctggtgag	ttcagctttt	accagcctca	gtgtggaggc	tccatcccag	cacacaggcc	300

<210> 354

<211> 300

<212> DNA

<213> Homo sapiens

<400> 354

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cgtagccagg	attggggaga	gcccttgtct	ctggtcagcc	ctggagcatg	ggatcgtagg	120
aaagaggagg	gggaccaggc	ccagggcagg	ggtcagaggc	ccaggccctg	acttcggctt	180
cccagagatc	tctccgcctt	agttaagagc	atgtgtcggg	aaattcctca	gagtgtctcag	240
agtcctgtga	ttttataacc	ttttacaat	gttaactgtt	cagaactgtt	ttttgtaaca	300

<210> 355

<211> 300

<212> DNA

<213> Homo sapiens

<400> 355

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tcggtacatc	atcaaaaaag	acttttttgg	actggatact	aattctgcga	aaagtaaaga	120
tgtataggca	tctggtgttt	cagcatacat	aactgaagca	tgtgaaacag	tatcatcctc	180
gttagtagag	gaaaacaaaa	accctttttt	ccgtcaaaat	tggttttcta	attaaattgt	240
aagcctcgta	ggatgtatgt	tggaatttta	agtcttttct	ttggttctat	gcaaataaaa	300

<210> 356

<211> 300

<212> DNA

<213> Homo sapiens

<400> 356

ccgaagcaga	ggacccggac	gatgaggctg	ggtccactc	agcctcgccc	agccctgctc	60
aagctgggag	tcccctccat	ggagacacat	cacctgcagc	cacccccaca	cagcgcagcc	120
cacggacctc	ctttggctct	ctgacagaca	gcagtgaaga	ggcactggaa	ggaatggtac	180
gggggctgag	gcagggtggc	gtgtccctcc	taggccagcc	acagcccctg	accaggaac	240
agtggcggag	ctctttcatg	cggcgcaacc	gagaccctca	gctcaatgag	cgagtgcacc	300

<210> 357

<211> 300

<212> DNA

<213> Homo sapiens

<400> 357

gacagaccgt	tgagaggacg	tggaggcccg	agagggggta	tgcgcggcag	aggcagaggt	60
ggccctggga	acagagtttt	tgacgctttt	gaccagagag	gaaagcgaga	atttgaaaga	120
tatggtggga	atgacaaaat	agcagtcaga	actgaagaca	acatgggtgg	atgtggagtt	180
cgaacctggg	gatcggttaa	agataccagt	gatgtggagc	caactgcacc	gatggaggaa	240
cccacagtgg	tggaggagtc	ccagggcacc	ccggaagagg	agtctccagc	caaagttcct	300

<210> 358

<211> 300

<212> DNA

<213> Homo sapiens

<400> 358
 atcaccttgg caggttcccc tcagctgggc tctgcagggc agctaagatt gggcactgat 60
 gttcctggct tcagtcctac ccgggttatg cagctacggc ttcatacata caccagttgc 120
 actaacttgg gatgaaaatt aagttaaaac cagtagaaaa tttcatccta tgttttggtg 180
 gtaaaagaag caaatgaaca aatgaataga ggctgccaaa cagttgtctc accaactgtt 240
 ccgactagct aacaagatta gctaggtcat acctagtcgt aaaagaatac tataagaact 300

<210> 359
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 359
 ctcgattcag cattatacta ggctgcctcc atgtgttttt caaagcccca ttcaagtttt 60
 acttctatgg taaactaatt ttacatacac aaatcttttc attttctgaa cttcctttat 120
 ggctttactg tcacccact agtatttgat gtcttagcta ttaactaatt cctgatcatt 180
 tcacttgcca catcaggaac cctatcctct tagttctccc attgagattt cactgctgga 240
 ctaagattat tcttgattcg tagtcattgg tttctgtttc cattcatttt cagcactgat 300

<210> 360
 <211> 293
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(293)
 <223> n = A,T,C or G

<400> 360
 ggagtttttt ttttcattat aattttttca ggaaagactt atggaaaaaa atatctctct 60
 cccacctcct tttatcccca tgagacacag tttccactg taatcagggt aatatgcatt 120
 tgtaagttct gatattgtat tcatttatgt gatggcaag ataagtctgt cttgaatgca 180
 ggtactannn nnnngtnnac annttatnnc aatntcaanc aacnntaatt nctactacnn 240
 ngtnntctga nnaagangnn ntnntcattt agatntngnn accntnctga tta 293

<210> 361
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 361
 gtgatccgca agttgtggaa gaaatacgcc aagcaaataa agtagccaaa gaagctgcta 60
 acagatggac tgataacata ttcgcaataa aatcttgggc caaaagaaaa tttgggtttg 120
 aagaaaataa aattgataga acttttggaa ttccagaaga ctttgactac atagactaaa 180
 atattccatg gtggtgaagg atgtacaagc ttgtgaatat gtaaatttta aactattatc 240
 taactaagtg tactgaattg tcgtttgcct gtaactgtgt ttatcttttt attaattgta 300

<210> 362
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 362
 ccaggtagct ctcaaacttc ctctctcaat cactcctcct tttacattca tggaaagggga 60
 gggggaaaga agcccagctc ccaaggctcag ccagttacac cagaagcagt gccaccaga 120
 atatgagccc cgccctggga cagggcacag agccctcact agcatgctgg agagggggcca 180
 ccccaggtcc tgggtgtccc tatacccagc tgcttctctt caagctgggtg aagcccctgc 240
 cactgccacc acctctctcc ctacctggg actttgtgtt taatcctgga agtcacaatt 300

<210> 363
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

<400> 363	
attacctcca aatctcaagg cggccttgaa cattgagaaa gaactaccaa agccaagaca	60
cgttttcaga aggaagacag cctcctccag gagcatctta cccgacctct tgtcaccgta	120
ccaaatggcg atccgagcaa aaagactgga agagagccga gcggcggcgc tccgagagct	180
ccaggagaag caggctctga tggagcagca gagacgagag aaaagggcac tgcaggagtg	240
gagagagcga gccagagga tggagaagag gannnnngag ctcagcaaac tcctgcctcg	300

<210> 364
 <211> 262
 <212> DNA
 <213> Homo sapiens

<400> 364	
cttcaggaac tagatgtata tgcacaaggg attgagtta cactaaaact aggaaatgga	60
gttttcaatc tatgttcttg cctcttcata cttttattta ttttttgtca tcctgcctta	120
tactgggcta acaatgagat aaaataaaaa tacctttgaa tactcttttc cctttcatgc	180
atttaaagcc atggaggaac tagaccatta gctgttgccg tcacatgctt agacaccagt	240
ttacttagcg tgttatgacc tt	262

<210> 365
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 365	
agttggagaa cattatgctg gagagagaat ataaagaaag ggagatgttg gaaacttctc	60
aagctgctgc tctgtttctg cccaaccgca tgggtgcctgg acctgactac aattcctaca	120
aaagtgccta cagccccagc ccagtggaa caccaagcaa ggacttctgt aattttttgc	180
ccacctgcct tgatttaacc atgcagtatt cagggctctg gaatatggaa ctaatttctt	240
ctaattgtcag cgtggccaca acttatatac agtatccctt gtcctcaaga tttttagttt	300

<210> 366
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 366	
gatgctgttg tgacatctcg gagtgaggat gatgagacaa aagaaaaaca agttcgagac	60
aagaggagaa aaacccttgt tataattgag aaaacctaca gcttactcct tgatgtggag	120
gactatgaaa gacgttatct cctaagtctg gaagaagagc gacctgccct aatggatgac	180
agaaagcaca aaattttag catgtatgac aacttaaggg ggaaattgcc tggacaagag	240
aggcctagtg atgaccactt tgtacagatc atgtgtatcc gaaaaggga gagaatgggt	300

<210> 367
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 367	
cagtcctccc cacactcaga gatctgtggg gaagctccgc ccagccacac tccttgggat	60
aatactagcc ggttctgcct gattcctttt ccccgagacc agcctagggg gcccgggact	120

cctctagtga	gccttgactg	ttaggtaaga	gacaggaagc	agacaagcca	agaggttgct	180
gcagctgccc	ccaggaggaa	acgggcagca	gggagtgtgg	cccagcccc	actgtacccc	240
tccagggggc	cgagcccttg	ccagcccaat	gacaccttga	agtcaccact	tttcctttct	300

<210> 368
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 368						
atthttgctgg	acactcagac	acaatttaga	gtatttatat	ataacttgaa	aacagtaaca	60
tttccaaaaa	ccgatgaacc	ccaccctgtc	ccaaggatg	attggatgt	atgtgaagtt	120
cattttctga	caaaaataat	tacgttccac	ttaggatgca	caaccatgct	gtcctgtaga	180
gaagtcacaa	gttttgtgag	aatttttaaa	ctgatgatgt	ttatttccat	ggtaacatga	240
gtatacatth	taccttctat	tgtagtgtat	aatcacaatt	agtctttttt	tataggttgg	300

<210> 369
 <211> 294
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(294)
 <223> n = A,T,C or G

<400> 369						
atgggaccaa	atttaagcaa	tttttgtttt	tggctgaaga	gacacaaaaa	tattagagga	60
caaataatth	tagatccatt	taaggagttt	tgaagtgcct	aagatgacct	atthgtcagt	120
ggtgcaaaat	taattctctt	cttttttgag	ttgtagttaa	tatgcaatth	ctgtgttccc	180
cttccaccct	ttaaatctta	ggatgacaag	ttataaagaa	agaagatctt	tgtctgggac	240
ccccaaaggg	atcctttctc	taangnctct	gacagagggt	ccaggaccag	acct	294

<210> 370
 <211> 241
 <212> DNA
 <213> Homo sapiens

<400> 370						
cacactccag	gctgagaaa	agtaattagg	aggcctgagg	agggggccga	ggaaaggctg	60
ttgggggtgg	ctgggggttg	tacccgagcg	ccttccccct	acctcaacca	gagaagagca	120
tccggttgct	ttttaagct	tttagcctgc	cctagcaagg	acaaagcatg	ttagattaga	180
gatgcttctg	ctgatcgag	gggttcttat	ttgaaaacat	ctatgatggg	ggagggtgtg	240
g						241

<210> 371
 <211> 297
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(297)
 <223> n = A,T,C or G

<400> 371						
ccaagtcgca	gggagcttgt	ggcccttttg	tgthttattgc	agcagcttta	gttctgcagt	60
ggagggtggc	tggagcaggg	gacgaggtct	tgggagtctg	tgaggccact	ctggccgagg	120
gtgtgggttt	gcttccctcag	ctgaagggat	acatggaaac	ccacctttgc	atagttcagt	180
aggggttacg	gtgtggttca	tgggaagccat	ttctgtgggt	tgnnnnnnnn	nnnnnnnnnn	240
nnnnnnnnnn	ntntntntn	ncncagaatn	atgagntcaa	nanannagcn	tgatatg	297

<210> 372
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 372
 gtttttttggg gaacactgat tttattggtg tcttagatcc ctagtctacc caaataattt 60
 taacagtact gtttttttcta atcctgaagt ctgatattta tgactcatta gcaggaatca 120
 aaactagtga tcagtagaac acttttcaaaa taaaaatttg gaatgcagac ttttatgaaa 180
 atttaaaagt gtccttaac agaatatcat gggttttcct ataaaacttc tttaagtatt 240
 gtaattccag tctgccccaa cttaaaaaaa aattcttatt aatatgtcag tcattaattg 300

<210> 373
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 373
 gtcaagttca agtcacacag gtttgctgac tgcgccatat tggctgctgac acaactggag 60
 actggactta ggaatgtttt tgccacactt aacagatgtc caaaaagact cctgactgct 120
 gagtcaacag ctctttatac cacctttgat caaatatttg caaaacactt gaatgatggt 180
 aaaatcaatc agcttcctct tttccttgga gaggctgcta tggaatttct ctgggatttc 240
 ctgaaccatc aggagggtcc ccgcataaga gatcatttaa gccacgggga gatcaactta 300

<210> 374
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 374
 gaggcctggg tgcggaaact gaagtggcca gaactgccta aattcagtca gctgaagtgg 60
 aaggcctgt acagtgacct taaatctttg gaaacatctg cttttgtcaa gtcctacaag 120
 aaccttgctt tctactggat tctgaaagct ggtcatatgg ttccttctga ccaaggggac 180
 atggctctga agatgatgag actggtttgg ccttggggca cagagctgag ctgaggccgc 240
 tgaagctgta ggaagcgcca ttcttcctg tatctaactg gggctgtgat caagaaggtt 300

<210> 375
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 375
 ggaggcaggg atcaacgtga cgggtgtataa tggacagctg gatctcatcg tagataccat 60
 gggtcaggag gcctgggtgc ggaaactgaa gtggccagaa ctgcctaaat tcagtcagct 120
 gaagtggaag gccctgtaca gtgaccctaa atctttggaa acatctgctt ttgtcaagtc 180
 ctacaagaac cttgctttct actggattct gaaagctggt catatgggtc cttctgacca 240
 aggggacatg gctctgaaga tgatgagact ggtgactcag caagaatacg atggatgggg 300

<210> 376
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 376
 ggaggcaggg atcaacgtga cgggtgtataa tggacagctg gatctcatcg tagataccat 60
 gggtcaggag gcctgggtgc ggaaactgaa gtggccagaa ctgcctaaat tcagtcagct 120
 gaagtggaag gccctgtaca gtgaccctaa atctttggaa acatctgctt ttgtcaagtc 180
 ctacaagaac cttgctttct actggattct gaaagctggt catatgggtc cttctgacca 240
 aggggacatg gctctgaaga tgatgagact ggtgactcag caagaatagg atggatgggg 300

<210> 377
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 377
 gatagcttaa agcaagttta caagtaatta aaatggacag tttgccatta aagattttta 60
 atagtggttt tgcagtgtac tggcttgaat tttctggact tgagttaact gaaggagagc 120
 ctcaaactat agtaacttca tttttaaaag ttactagaat ttggtatcct gatttatatt 180
 gcagtgtttc aaaggtgtca ctgtcagaca aatagaaaca ctgccactt ggtgtaactt 240
 aagctttcat ttaactaaaa cattcttttc ttgcaaaact tatttttcat gatcattttt 300

<210> 378
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 378
 ataacacaca tcacagtatg ctctcagaaa tttctttatt tgaaccctat accaatatct 60
 gttgatcaat gaccattttt gctcagcatg gagaaacagt gccctgcatg aagggtagtg 120
 agaataaaaa ggatcttacc acctttatca tgaggggtggc tttgctctct ccattccaag 180
 ttgttctctg ttctagaaag cagatgtagt agacatctac tgtttttgcc taaacagaat 240
 ccctttttcc tttttttggt aaaagtactc atccctaata ttacattgtt ctggaaggac 300

<210> 379
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 379
 ttagtgtact ggatgtcagg tccctcaaag attccttga ccattttcat gtgaatgaag 60
 aataaatcaa ttgtctttca ttgaatcaca cggacaacct gctggcttct gctgacgact 120
 ctggggcaat caaaatccta gacttggaac acaagaaagt tatcagatcc ttgaagagac 180
 attccaatat ctgctcctca gtggcttttc ggccctcagag gcctcagagc ctggtgtcat 240
 gtggactgga tatgcaggtg atgctgtgga gtcttcaaaa agcccagacca ctctggatta 300

<210> 380
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 380
 ttagtgtact ggatgtcagg tccctcaaag attccttga ccattttcat gtgaatgaag 60
 aagaaatcaa ttgtctttca ttgaatcaaa cggaaaacct gctggcttct gctgacgact 120
 ctggggcaat caaaatccta gacttggaac acaagaaagt tatcagatcc ttgaagagac 180
 attccaatat ctgctcctca gtggcttttc ggccctcagag gcctcagagc ctggtgtcat 240
 gtggactgga tatgcaggtg atgctgtgga gtcttcaaaa agcccagacca ctctggatta 300

<210> 381
 <211> 296
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(296)
 <223> n = A,T,C or G

<400> 381
 gaactgctgg ccgagcccgc tgggagtcta gaaagagaaa atctgtttct agacctcagt 60
 tattttccca tttttggttg ttttgaagca gtaacatttt tctcagtgca catgcaattt 120

gggttttaga	gaagatggcc	accagctggc	ttcctagata	ttttaaactt	ttgttcttta	180
atatgctgtc	catggctgag	tttattagta	catgggctta	gcgaccacac	aaatattcta	240
ttacgaaact	gttncagaaa	taaattngca	ctgtncattc	ntctggcctc	gctggg	296

<210> 382
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 382						
gccaaattca	attccctttt	agtcattctac	ttcctactaa	cagctgtaac	taggatgagt	60
caaaatcaat	tgcctatgct	caccagatcc	ctgataaatt	cccatgaagc	cacctgaaag	120
gtggtaaaag	caaggtaaaa	cgtgggtgaaa	gcaaggtaaa	gaaggtagat	ttcacaattt	180
tgttttttta	aaagggggaat	cttccctgaa	ttctttgagg	tactaagtac	gtggtttaat	240
gcatattttc	attcttggtta	gcagttttaa	aataatgttt	cagagactgt	attcacgatt	300

<210> 383
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 383						
gataggccac	attccagtaa	gaactcaatt	tgactcccaa	atttgcagaa	acaaaacgtg	60
attttaaagc	tgagcttttt	atcagaaagc	ttttttgatg	ttttaagtgt	tatgtgactt	120
ggtgaacttt	ttaaaaagtg	ctacttttaa	aatcccagat	actctgaatt	ttagaaaaca	180
aactaattct	gattgtgtcg	tgcccaagta	cccttttttt	ttaatgaata	gggaccaatg	240
ccacattgct	ttttatatct	ctttctttat	taatgatgcc	aaaaccaaaa	gtagctgtgt	300

<210> 384
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 384						
cttttagttca	gataaaggaa	acatccaaaa	atactgagat	gagtaaaatt	ttattcaaag	60
taggttctctg	ctttgtcttg	atctcaatcc	attctaactc	ctgatgtcat	ttaccgtgtg	120
agatcttagt	acaatcatga	aaagaatatg	agcattttatc	aaaactctct	gacatctgta	180
tgtttagaaa	tgaacttaca	cagcaaaata	tgatttcctt	gcacttattt	aatttttcta	240
acttcaattt	ctacctatgt	gtctctgcca	gtttgacctg	attcagacac	ccagaacttg	300

<210> 385
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 385						
cctttccaag	cccactgctc	agccttagag	gaaagtgtgg	atttgaaatt	tcctcatgga	60
attgatggag	gttttttaggt	agattcatag	aatataacgt	atctaccaa	gattccgttt	120
tcaagggatc	tagaagatgt	tagtgcacac	gcaaaaacca	gacaaaacgtc	tctacacgga	180
taaaggcaca	tatacaatta	tgcacacagg	gaagggcata	cactctattg	tgggcacaga	240
atgacatgca	attatggaca	cacaaaaaca	catgcacca	attatggaca	ccaaaatata	300

<210> 386
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 386						
tgctcttggg	tgcttctctga	ggtgtggttg	cacaggggtg	ttattcctga	atgcaagggc	60
ttactatgat	tttctcttag	tgccctctcat	ttctgatgct	ttctgtccta	tgaggtcagt	120
ctacttacta	gtagtagtattc	tatattaata	agtatgcca	atgacttaac	tcctccagaa	180

atgttattcg	ttaaaagatg	agatgtgctg	agacaagagg	atcgcttgag	tccggaaggt	240
tgaggctggt	gtgtgctata	attgggcctg	tgaatagcca	ctctgttcca	gcctgggcaa	300

<210> 387
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 387						
gccagtcctt	ggacagctac	gacgccatga	atatcttgcc	caagaagagc	tggcacgtcc	60
ggaacaagga	caatgtcgcc	cgcggtcggc	gtgacgaggc	ccaggcccgg	gaggaggaga	120
aggagcgtga	gcggaggggtg	ctgctggctc	agcaagaggc	ccgtacagaa	ttcctacgga	180
agaaagccag	acatcagaac	tactgcctg	agcttgaagc	agcagaggcg	ggagccccag	240
gttctggccc	tgtggacctg	tttcgggagc	tgctggagga	agggaaagga	gtgatcagag	300

<210> 388
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 388						
gagacagcag	ccccagga	atgaagctga	tgccagagtc	agacccgagg	aggaagagga	60
gccactgatg	gagatgcggc	tccgggatgc	gcctcagcac	ttctatgcag	cactgctgca	120
gctgggcctc	aagtacctct	ttatccttgg	tattcagatt	ctggcctgtg	ccttggcagc	180
ctccatcctt	cgcaggcatc	tcatggtctg	gaaagtgttt	gcccctaagt	tcatatttga	240
ggctgtgggc	ttcattgtga	gcagcgtggg	acttctcctg	ggcatagctt	tggtgatgag	300

<210> 389
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 389						
ctaggatgtc	tggcacctta	ccgaaggcta	ggaataggaa	ctaaaatgtt	aatcatgtc	60
ttaaacatct	gtgaaaaaga	tggtactttt	gacaacatct	atctgcatgt	ccagatcagc	120
aatgagtcgg	caattgactt	ctacaggaag	tttggctttg	agattattga	gacaaagaag	180
aactactata	agaggataga	gcccgcagat	gctcatgtgc	tgacagaaaa	cctcaaagtt	240
ccttctggtt	agaatgcaga	tgtgcaaaag	acagacaact	gaacaaatta	caaatgaact	300

<210> 390
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 390						
cctctctgtc	ataatgtacc	caaaatagag	taagaatatc	atgcttttca	gtaatactcc	60
agtgaatgag	gctaagagta	ccatttttgt	tcttataaaa	gaattttttt	ggacatgaat	120
acaaagatgt	caggttacca	aatcatttgc	tagtagatcc	taacaatatc	acctatagga	180
aactgaacgt	agcctttaa	cattaagtga	tgataatgga	tttggccggg	cgcggttgcc	240
tataatccca	acactgagag	gctgaggtgg	gtggatcact	tgaggccagg	acaggaccag	300

<210> 391
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 391						
attccaaagg	tttcaaagaa	cttggtcata	aatatgataa	tgagaagaca	aagtatttat	60
attaaaacag	tttagtagcc	ttcagttttg	tgaaaatagt	tttcagcaca	gaaactgact	120
tcttttagaca	aagttttaac	caatgatggg	gtttgcttct	aggatataca	ctttaaaaga	180
actcactgtc	ccagtgggtg	tcattgatgg	cctttagtaa	attggagctg	cttaatcata	240

ttgatatcta atttctttta accacaatga attgtcctta attaccaaca gtgaagcact 300

<210> 392

<211> 300

<212> DNA

<213> Homo sapiens

<400> 392

gttgccgga	gatgtctttt	tatttttgtg	ctgtaaaatt	ctcttacagc	aaaaataggc	60
tttagaaagg	tcttctactg	tcttcagcaa	ccatctcatc	ttccagcttc	acctgattgt	120
ccagttatca	tacatttgac	tttcaaatgt	atgaaccagc	atgtacccca	tggatttaat	180
cttatctacc	ccgtggattc	aatcttctta	tcagaagggt	cttttatgtc	aaaaaacctg	240
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<210> 393

<211> 300

<212> DNA

<213> Homo sapiens

<400> 393

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tgtcggccct	gctgcgagcc	cacacgcccc	tccaatggc	tgccctcctc	ctgcttccct	120
ggctcatgtt	gctcacaggc	agagtgtctc	tggcacagtt	tgccctggcc	ttcgtgacgg	180
acacgtgctg	ggcgggtgcg	ctgctgtgcg	gggctgggct	gctcttccat	gggatgctgc	240
tgctgcgggg	ccagaccaca	tgggagtggg	ctcggggcca	gcactcctat	gacctgggtc	300

<210> 394

<211> 300

<212> DNA

<213> Homo sapiens

<400> 394

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gttctgctgc	ctccggaagc	aggcacaggc	ccagccacat	ctgccaccag	cacggcagcc	180
ctgcgacgtg	gcagtcattc	ctatggacag	tgacagccct	gtacacagca	ctgtgacctc	240
ctacagctcc	gtgcagtacc	cactgggcat	gcgggtgccc	ctgccctttg	gggagctgga	300

<210> 395

<211> 300

<212> DNA

<213> Homo sapiens

<400> 395

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gtgctaacc	ccggtctctc	cctgccccac	ctcaccacc	cagagaagca	cagaccccg	120
caggggcagg	ggcccaccgc	acacccttgt	cccgggcctg	tctgggactg	gccttcccgg	180
ctcagccagt	gaggctcaga	agggacacaa	agagggatgg	aagaaaagaa	caaagagaaa	240
ctgttcctcc	caccccttcc	cctgatgcc	ggggcaccag	actgattctg	aggcacaat	300

<210> 396

<211> 300

<212> DNA

<213> Homo sapiens

<400> 396

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ctttctatc	ttattagaaa	gattagaatt	gcttttctag	agttccagta	atggaatcat	180
acagtgtcta	agtctgtttg	tgggtgtgta	acaaaatacc	tgagactggg	taatttataa	240
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<210> 397
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 397
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 taactttaaaa aaactacata taagatagtt ttgcctgttt tcagggtttct tttcagtggt 120
 ttaggtattc agtatttaaa tcacaaaatt tgtgatttga acattttttt cttccttcat 180
 gagattttta gtggattgat acttgctttc cattctgtcc cgatgtctga cctttgtaat 240
 gtaaagaaga acattttgtt taattgagag aagtctgctg tgttcttggt gatagaggac 300

<210> 398
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 398
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 ttgcttttcc ttccctaatt catacaatga atgtatttgg aatacttaca tattataaaa 120
 taaactatac ctcttcaaga ggtatcctgt tctgtaagat cagatgtttt tattgcaggt 180
 caatataata ctgccagaga cagaaaatac ccccttatca gtcccttagt gcctctttcc 240
 tgtttgtggc atggtgagaa aacctatgct gaaaagattg tactttgtga tccccctcag 300

<210> 399
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 399
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 aagagatgag gcggcagcag aagctaaagc aggcctaaact ggtggagcag tacagagaac 180
 agagctggat gactatggcc aatttggaga aagagctcca ggagatggag gcacggtagc 240
 agaaggagtt tggagatgga tcggatgaaa atgaaatgga agaacatgaa ctcaaagatg 300

<210> 400
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 400
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 tcagaattaa ctgttcaaaa tgttctgaat catgtagata catggcaggt aactgtttat 120
 gggagaaaag tacagtgtct ttacgtggca ctgtacagtc atgtgccacg taacagcgctc 180
 tgggtcagtg acggacactt acctgacagc ggatccacaa tattctcgtg cagtgtgttt 240
 ggaatcctcg tctgggctct cgctcgttggc cttgtagatc aagtagggga agtgagtgat 300

<210> 401
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 401
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 ggtgaggaga cgcgtaggga tggtagaggag gggagaggag ggagacctgc tgggtgccctt 180
 gcaccagggt gaggcctgac tcaagctgct tccccccaca ggccctgctt tgcttgccctg 240
 ctttttccag aatcgatttt gcaagcttca agattctgtt cccctcttcg cagaagttag 300

<210> 402
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 402							
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tagaggaagt	agattagtgg	ttgcttcggg	atgggaggaa	tgggaagatt	gaggtccttc		120
ttttgcagtg	ataaaaaatgt	cctaaaattg	actgtagcga	tggtcacaca	actctgaata		180
tgcttaagac	cattgaatta	cacactttac	gttggtgaat	tgtatggtat	gtaaattata		240
gttcaataac	atagttacaa	aagataatca	aaagcatgaa	agcactgttg	atgtggtttg		300

<210> 403
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 403							
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aggcagacga	atgaggaata	aaggctcagag	aaggctcagag	ctgagtgcg	tttggaaatcc		120
accccgttta	ttgtagaact	gggggttcag	agggcaggtg	cctcagagtt	gaggccacac		180
agtgaagctc	ggtgggtgaa	aggacccagg	aacgaggcgt	tcaggaaagc	aggttgtcag		240
agctatgtgg	agtctgtggg	tggcaggggc	agccgctcca	gcctttgaag	actttgaaag		300

<210> 404
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 404							
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cttgtattat	gcttctgata	cgctataatt	atattatgtac	atgttttttt	tcttcaatag		120
actgtgaact	cttcgaatgt	aggactccta	gagctagata	ctcaattatt	ttttattaaa		180
ttgaatgact	tgaaactaca	gaccccttat	ttaaacttcc	caaatttctg	ctttatctag		240
gcaactcttt	aaattctttt	atctcatgta	gatttcaaag	gctgaaataa	ttgagatttt		300

<210> 405
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 405							
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ttttagcat	cagaatttgg	aaaccattac	ttatatcaaa	ttgcacatct	tggagatgat		120
gatgaagaac	ctgagttttc	atcagccatg	cctctggaag	aaggagacac	attctttttt		180
cagccaagac	cacttaaaaa	ccttgtgctg	gttgatgagt	tggacagcct	ctctccatt		240
ctgttttgcc	agatagctga	tctggccaat	gaagatactc	cacagttgta	tgtggcctgt		300

<210> 406
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 406							
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gtgactgtct	ggcaaggcca	aaggcatcag	ggaaggtaaa	atactgaaac	tatatcttta		120
aaaataaaag	tattcccttt	tgagtgtgaa	ttaggaatca	atgcccttc	tactactttt		180
tgtgaaaaaa	atcacagttc	ctgcagcaag	tctatgcctg	ggtaacaacc	aaccacaaaa		240
atccaagagg	aggtccccct	ctcccgcctc	tgtgaggctt	gaggagcagt	atgtatctgg		300

<210> 407

<211> 300
 <212> DNA
 <213> Homo sapiens

<400> 407
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 agtcttccag ttctggagtt ttgtggaac cttggacagc cccaccatgg aggcctacgt 120
 gactgagacc gctgaggagg tgctactggt gcggaatctg aactcggatg atcaggctgt 180
 tgtgctgaag gccctgagat tggcgcccga ggggctctg cgaagggacg ggctgcgggc 240
 cctcagctcc ctgctcgtcc atggcaacaa caaggctcatg gctgctgtca gcaccagct 300

<210> 408
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 408
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 taaggttgca gaagtagaag cacaagattt gacagctcat tagatattaa agaagaccaa 120
 tgaatcagga gatggtaatg ccaagattta gaccgctgg aacgatgatg agttggtggt 180
 ggtgagagta agtagtgagc ataatgatat gttgaaatca gtaggaagat tgtgtttgag 240
 gaaaatataa ggtatccgtc cattcattct ttattttatc ctgttaatct ttaaaaagct 300

<210> 409
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 409
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 tctacattct caaaccctcc agccggcaca tcacacaccg gacaccagga cccaagccca 120
 gcagacacag gatctgctaa cgcagctggc agctgagggt gctatcgatg aaagctggaa 180
 aggaggaggc ccagtgacct tccaggacta tcgcctccca gacagtgatg acgacgagga 240
 tgaggagaca gccatccaaa gagtcttgca gcagctcact gaagaagctg ccctggatga 300

<210> 410
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 410
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 accaaaatcc aagctaggat ggggacagag gcctggagac aacctgctgg cctccttcca 120
 ttaaagccat tacagtgtca ccacaggatt gtaagaatta caaatgcgtt ttccagagtc 180
 cccagagaaa aaggagtctg gcagttagaa gagtaaagtg catctgtcaa caaaagaaat 240
 accaaagatg agactacagc agcgacttgt cacctcttcc gtgttgctac tgcttgagaa 300

<210> 411
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 411
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 tggttgtagt tctgtctttt cttcttgtaa attcctcgtg gacctcgaga tctttacctt 120
 aaaatagttc tggtgaattt caccctggca atgtaaatg atagcttatc ttcacagatg 180
 ccagacaatg gacaactcac catcagtcct ctgctcacct gagacaaatg catgtctgat 240
 tgcttcctct gccctattgt ttatgtgaaa atgcagattc actgagccag actaaggcat 300

<210> 412
 <211> 300

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<212> DNA
<213> Homo sapiens

<400> 412
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tctctgatgg ggagcagtat tgcattggtg ttgagaactg aggcctctgat gttagaactg      120
gattctgact taaccactg tttgccaca tcttgagcct tggtttcctt atctgtaaaa      180
tggcagtatt ctggtgctgg ctgaggaaag gaaatgaggc caggcgcggt ggctcaggcc      240
tgtaatccca gcactttggc aggcctgaggc atgtggatga tttgaggcca cgagtttgag      300

<210> 413
<211> 300
<212> DNA
<213> Homo sapiens

<400> 413
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cctatctacc agttgaatgc tccttggcct aaagggcaag aacgtgcgga tttatcaaat      120
agccttgagg aaatatatat tcagaatata ggtgaaagta ttctttacct gtgggtggag      180
aaaataagag atgttcttat acaaaaatct cagatgacag aaccaggccc agatgtaaag      240
aagaaaactg aagaggaaga tgttgaatgt gaagatgatc tcatttttagc atgtcagccc      300

<210> 414
<211> 300
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(300)
<223> n = A,T,C or G

<400> 414
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acgtccatca gtccactaga gggcatcaca acttgtttaa tgagataatc aaacatatga      120
tgtaatttta aagggtttac atttttaaaa atttaatagg gtatcagtta actaatttta      180
cttagatgga acttctgtaa gcttagtagg tatgcttaaa taaagcctgc taataaaata      240
gagattcaga ctcaatagaa tggttttaca tatgtaatat atgttttaaa cagcataaaa      300

<210> 415
<211> 300
<212> DNA
<213> Homo sapiens

<400> 415
cagagatgat agcacttcat tgactgcaa agaggatgtc agcataccca gatccacatt      60
aggagacttg gacacagttg cagggctgga aaaagaactg agtaatgcca aagaggaact      120
tgaactcatg gctaaaaaag aaagagaaag tcagatggaa ctttctgctc tacagtccat      180
gatagctgtg caggaagaag agctgcaggt gcatgctgct gatatggagt ctctgaccag      240
gaacatacag attaaagaag atctcataaa ggacctgcaa atgcaactgg ttgatcctga      300

<210> 416
<211> 300
<212> DNA
<213> Homo sapiens

<400> 416
ctcacctgga ataatgagat cttacctaac tgggaaacaa tgtggtgctc tagaaaagtt      60
cgagatttat ggtggcaggg aatccctcca agtgtgagag gcaaagtctg gagcttagcc      120
attggcaacg agttaaatat caccacagag ctctttgaca tctgtcttgc ccgagccaag      180
gagaggtggc ggtcccttag cacaggaggc tctgaagtgg agaacgaaga tgctggtttt      240

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tcagcagcag acagagaagc cagtctggag cttattaaac tggacatttc tagaacattt 300

<210> 417

<211> 300

<212> DNA

<213> Homo sapiens

<400> 417

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ttcccagtg	tgactactct	gcctggcctc	tctcttctgt	cttaatactt	actgtgttaa	120
agagctttg	ttgagtatag	attctcctag	gcttaccgta	gagttacatc	ctgataagcc	180
cattataagt	tgaaaatgtt	tttagccgtg	gtggctcatg	cctgtgttcc	cagaactttg	240
ggaaggtgag	gtgggcgatc	acttgaggcc	aggagttcga	gaccagcctg	ggcgacagag	300

<210> 418

<211> 300

<212> DNA

<213> Homo sapiens

<400> 418

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gtgagaggga	gacagaggtt	tgtgaagcgc	tttgacacacc	tgggcatctg	gtcagtgttc	180
agtaaatgcc	agctgggctc	agtggtgac	tcctgtaatc	ccagcacttt	aggaggctga	240
gtggggagga	tcacttgaag	ccacgagttc	agggctcagc	ctgggcaaca	gagaaagaca	300

<210> 419

<211> 300

<212> DNA

<213> Homo sapiens

<400> 419

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ggcttcccat	gggagctgat	ggcttcgtgc	ccctgggcac	cctcctgcag	ttgccccagt	120
tccgcggctt	ctctgctgaa	gatgtgcagc	gcgtgggtga	caccaatagg	aagcagcggt	180
tcgccctgca	gctgggggat	cccagcactg	gccttctcat	ccggggccaac	cagggccatt	240
ccctgcagg	acctaagttg	gagctgatgc	ccctgggagac	accgcaggcc	ctgccccga	300

<210> 420

<211> 300

<212> DNA

<213> Homo sapiens

<400> 420

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gcagctgtcc	aaggctctgt	cctatgccct	gcgccatggg	gccttgaagc	tggggcttcc	120
catgggagct	gatggcttcg	tgcccctggg	caccctcctg	cagttgcccc	agttccgcgg	180
cttctctgct	gaagatgtgc	agcgcgtggt	ggacaccaat	aggaagcagc	ggttcgccct	240
gcagctgggg	gatcccagca	ctggccttct	catccgggcc	aaccagggcc	attccctgca	300

<210> 421

<211> 295

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(295)

<223> n = A,T,C or G

<400> 421

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aaaagactca	aagtagatgg	acagaaaaac	tgctgtgagg	aggggaaaga	ggagcagcag	120
ggatgtgcag	gggacggtgg	ggaagacagg	gtagaagaga	tggttatgga	ggttggagag	180
atggtgcagg	actgggccat	gcanagccct	gggcagccag	gggacctgcc	cctgaccact	240
ggaaagcatg	gnnccctgg	anaagagggg	ctagtncatc	actgcagccc	tggt	295

<210> 422

<211> 300

<212> DNA

<213> Homo sapiens

<400> 422

gtgggaactt	cccctactcc	ctggatgtgt	gtacctagca	cacttccttc	tcccaccctt	60
ttttccagtt	ggatttgttt	ttctgttctc	ttctgtcctg	tcttatactg	caactgtgtc	120
tcctagggga	cagatggcct	tctttgtcat	cttcactctc	cacccccaga	gaggagtcag	180
agccataact	caatcactca	gcccctccaa	agatagttga	tgtgtgataa	tctcataatg	240
ttgagaaccc	tgatgagata	cattgtcttc	ctctccctac	aatgcctctg	gggccaaggc	300

<210> 423

<211> 267

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(267)

<223> n = A,T,C or G

<400> 423

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cccagtgagg	cggagttctc	agtgnncagt	tactccatag	tgcaatccat	attaataggc	120
ttcttctctt	aagtcttcat	ctcttctttt	gcttaattac	tgaaccgtaa	attcccttca	180
gagaaattta	aatgctggta	tttggacttt	atacatgata	ctttttgtag	tttcttttaa	240
tttttgaaag	atgaactgct	tcctttt				267

<210> 424

<211> 300

<212> DNA

<213> Homo sapiens

<400> 424

cctggtttcc	tgtcccttag	tgggtgtggc	gtggggcaa	gccttaactt	ccgtgagctt	60
tgacagtctg	tctgggaggc	agggctcagg	catccctggc	ctcttggggt	tgggtgagag	120
ggagacagag	gtttgtgaag	cgttttgac	acctgggcat	ctggtcagt	ttcagtaaat	180
gccagctggg	ctcagtgggt	cactcctgta	atcccagcac	tttaggaggc	tgagtgggga	240
ggatcacttg	aagccacgag	ttcagggctc	agcctgggca	acagagaaag	acacttgctt	300

<210> 425

<211> 300

<212> DNA

<213> Homo sapiens

<400> 425

gggaattgct	cttctctccg	aggctctgtt	tcttgtagct	atcaggaagt	ggcagctctt	60
tgaataagtg	ccttttcttc	tcccatctgc	cacctttgtc	ttccctctgg	acatatcctg	120
ggggttcagg	agcttccagc	tgtgcagttg	gccacaggac	taggggagcc	cccttccctt	180
ccagaccagt	gtccacatac	ccttccctgt	gccacacac	cttccctgt	gcccgactg	240
tcaccacca	caagcctact	ccagcaggag	caccacagcc	ttctgcggtc	acgctgtgca	300

<210> 426

<211> 277

<212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(277)
 <223> n = A,T,C or G

<400> 426
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 gtattgcccc tttggggtag atttaggaaa atattttcta aatccaagag ttcaaaacca 120
 ggctggacaa catagcaaga ccatactctc accaaaaaaa aaaaaaaaaa nnnnnnnnnn 180
 nnnnnnnnnn tngccccngn ancccnant tnnthggngg gntgngngng gnggncnntt 240
 ggnccnnngg gggtnagggg tgcagggncc ctnggcc 277

<210> 427
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 427
 ctgatctaath gagctttatg atggagttga agatgcttht ggaagttgcc ttaaagaata 60
 gacaagagct gtatgacta cctcctcctc cccagttcta ctcaagcctt attgaagaga 120
 taggaactct tggttgggat aattttaaaa tatttttctt gctggcagcc accagaaact 180
 ggaagaggca aggaatagat tctctcctag agcctccaga gggagcacat ctttgctgac 240
 accttgattt ttgccagtg aacagatgtg gaaccctgg cctccagaac tagagagaat 300

<210> 428
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 428
 tttctataca atttttcctt ctgatccaga gacacggaaa aacaaagggc aagatggaaa 60
 taagggatga gaaggtctat gtggaaaaac agttacaact ggagtggtaa ctgcaaaaac 120
 caagcagctt catgtgatcg ttaggacaga agaaatttct ctttgtagc ctagagcaat 180
 attctcaaaa tttaatgcgc atgttaatca tttggggatc ttttattcat tttttcatgt 240
 ggggatcttt taaaaatgca aattctgatt tggttaagtct ggagtaggtc ctgagcttct 300

<210> 429
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 429
 gaatcatcga aggttgagac cgtgtctagt tacatagtha taaataccca tctatgtact 60
 gatgccttct aaatgtctat ctccagtatg gtcttttcct ttaagctcta gatccattga 120
 caccctcacc atctctaaaa ggcatttcaa actgaacaca tctgatacag aacttttcat 180
 ttccttcca actttgccca cgccagcctg ctctccttc acgctttcca cttagtatat 240
 gateccacta ttcactcagt ctctgaagct taaaacctag gattcatcct tgactactgt 300

<210> 430
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 430
 caatcagtga taagctatat tttgagttth aaaattgtht ttacaattac ccctgttttg 60
 agtatatatc ttgtcaaadc attctaataa atatttgctg ataactgtgt ggaatacata 120
 aatggtaggt agaaatttg agaatcact acatattthc agttatcatt ctctgtgtaa 180
 attcatgctt taaaaatatg agaagttaaa gtgccttggg tattatttht ttttctatat 240

tttgtcccat attgtattgt ctaattttca ttgaaaccac ataacatgct tgaataggca 300

<210> 431

<211> 300

<212> DNA

<213> Homo sapiens

<400> 431

tggtctggtat	tataggtgca	caccaccaca	cccaactagt	tttttgtgtt	tttagtagag	60
atggggtttc	atgatgttgg	ccaagctggt	ctcgagctcc	tgaccccagg	tgatccaccc	120
acctcggcct	cccaggtgct	tggaattata	ggcgtgagcc	actgcgacg	gcctggggag	180
gttttatttc	ttgacaaagg	tatttgatac	tcgtgcagac	cctggagggt	ctcactggag	240
agacaacatt	taggctgaga	tctgattaac	aggaggcagc	tgcagtgcag	aggtcaaaag	300

<210> 432

<211> 300

<212> DNA

<213> Homo sapiens

<400> 432

cccaggctga	caggggctct	gccgtcttta	acatgtgact	ttctaggtca	gtcatctggt	60
cattgctttt	ccacacagca	gataagacaa	aggagtggaa	atagaggggt	agagattttc	120
tcttaaacgt	gtgaggctgg	agtggatgct	ttcattggca	agaacctggt	cctagcctgc	180
ctagctgaaa	ggaggggagt	cagggagatg	cactttgcag	ccaaaattct	gttgccaaga	240
aggggaaagt	agatttggtt	gattttgatc	tgtgtttgct	gctgtgttac	tctataattc	300

<210> 433

<211> 300

<212> DNA

<213> Homo sapiens

<400> 433

cacctagctt	tatcatttgt	aaaatgagtc	tctaggtaca	gccctttctg	gggttgagac	60
agagtttctg	aggagtaaaa	gccatgtcat	tgtggaaaaca	ggcagctatt	ctcacagctg	120
gcatgagccc	actactcccc	tataatcagt	gctgataaac	tgctctcatt	tggtggactt	180
cagactttcc	tgaccacttt	tgaatggggg	ccactttgaa	tggaaacttt	ctatgtattg	240
aattaaaaga	tctccaagat	aaatgggttaa	atgaaaaagc	acagtgcaaa	agggcataatg	300

<210> 434

<211> 300

<212> DNA

<213> Homo sapiens

<400> 434

aagataaaag	agataaggaa	gaaaaagaaa	gcagcagaga	aaaaagggag	tggtctcgta	60
gccaagaag	acgcaaatcc	agatctcctt	cccctagaag	acgatcttcc	cctgtcagga	120
gagagagaaa	gcgcagtcct	tctcgatctc	cccgctcacag	aaccaagagc	cggagtcctt	180
cccctgctcc	agaaaagaag	gaaaaaactc	cagagctccc	agaaccttca	gtgaaagtaa	240
aagaaccttc	agtacaagag	gctactttcta	ctagtgcacat	tctgaaagtt	cccaaacctg	300

<210> 435

<211> 300

<212> DNA

<213> Homo sapiens

<400> 435

agagtcaagg	aaaagtgcaa	gatagatcta	tcccatttct	tcctccacct	ggagattcct	60
gagctatgct	cagcctctgt	ggggcagggg	agactgggga	catttttagt	caggatgctg	120
agaagtaatt	cctgctgggg	ccaggcatct	tttcaggggt	gctgtgatgc	caacaaagaa	180
ggggccccag	gcccatcctt	actcctggtc	ccaaaaagga	tccaagtggg	atgggaagct	240
ggcagcacca	accacttgtg	agattaacaa	caacaacaaa	acaccaacaa	ataaaaaaag	300

<210> 436
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 436
 aagaaaggct gcctttgagt tgaccaacca tgttgagggt gtagatgggt gctaaactca 60
 ctgtagtctg agtaattgac ttccacaagt catccccact gttgagcctt tcaaaatgaa 120
 gtctcagtat atttacaaat taatggacat cctctctggg gattagtcatt attctaattc 180
 aacaaagaca ttgtttgaag tttgtttttg tttgctaaat gaactaaaaa ttatgagatt 240
 tgcacctaaa ggtactgagg taaaggagag ccaaaagtgg ggtagtcaat ctacttattc 300

<210> 437
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 437
 accaggaata atctagggct cattagagat gtcaaagatc tgttctagtt tcttaaccta 60
 aaacaagagt gtttttagttc cattttatag gcggggagtc tgagccaaac atgttatgtc 120
 actttccaag tctccatagc acagaagtct tctgtctccc catcctgact ttcccagctc 180
 atagggactg tcaaaggcag cagctctggc cggctgtgat gcctcatgcc tgtaatccca 240
 gtaatttggg aggctgaggc aggaggatca tttgaacca ggggttcaaa accagcctga 300

<210> 438
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 438
 gcagaacatt tctcaagaat cctcttgagc cagtaatcaa tctgtctca aaaaatgttc 60
 tttgccattt cctagatact gcacaaaagt ggccatgtcg acatttgtcc acccaccctc 120
 caataagctg gagcgacaaa gggacattcc atccctgtac ccttagtggt agccatgaca 180
 cgatggccag atcatggact ccggaaaagt ttctgttttt actggaaaca tagcaaacct 240
 tgatttagct ccaagaaatt gagtagggaa atatttgttt tttagcaatt gtcataagtaa 300

<210> 439
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 439
 cagaaattca aataattctt ttctgcttca atgccagcag aaggcccccc aggtagacat 60
 ggagaagcac tttgttttaa ataggagggt ttcatagttg catctgaagc cacctgggtc 120
 tgttaaactg tatcgtgcag gttttgggtt tggcattatt catgtttctg atcaattcta 180
 tgcaactctc atagtctctg ttacttttta gcattagctg ccaaataact tcaaaaggct 240
 ggggtgggtg acttgactgt gagactggat tataacatgg acaaatacta ttttgcttaa 300

<210> 440
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 440
 tcccaggaat ctttgttgta tattaatttt tgataacat ttgattaact ttaaaattaa 60
 gtatatgtgt gtatatatac atatgtatgt ttatatacac acatgtatct gtatagtttt 120
 atatatacat atatacatat agacatacag agaaccacta ctttgtaata gtgtacagtt 180
 tgttttatat ctctttactt tttttgttac tattttatct ggccagcgta atagttttat 240
 ttagattttt taaaattctg tagattaaag caaatgacag ttattgaact atcacaaaac 300

<210> 441
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 441
 gtcccttgct cggggccatg gagacactgc ggccagtacg gcgggcgcctc tgtctgaaga 60
 aggggaagtg acctccggcc tccaggctct ggccgtggag gataccggag gcccctctgc 120
 ctcgcccggt aaggccgagg acgaggggga aggaggccga gaggagaccg agcgtgaggg 180
 gtccgggggc gaggaggcgc agggagaagt cccagcgct gggggagaag agcctgccga 240
 ggaggactcc gaggactggg gcgtgccctg cagcgacgag gaggtggagc tgccctgcga 300

<210> 442
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 442
 gcttgccgct gcggggagct cccgtgggag ctccgctggc tgtgcaggcg gccatggatt 60
 ccttgccgaa aatgctgac tcaagtcgaa tgctgggagc aggggctggc gtgggctacg 120
 cgctcctcgt tatcgtgacc ccgggagagc ggcggaagca ggaaatgcta aaggagatgc 180
 cactgcagga cccaaggagc agggaggagg cggccaggac ccagcagcta ttgctggcca 240
 ctctgcagga ggcagcgacc acgcaggaga acgtggcctg gaggaagaac tggatggttg 300

<210> 443
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 443
 tttcctacat tcggaggctg ccctctgacg tcgtcacccg ctacctggcc ctgaggaagg 60
 ccacgagcat cgttccctga gcccagaaa gggagatgaa gtggaaagct gtttcaaaaa 120
 cagactctgg actcatgatt ttgtttcacg gaaacaaact cgttctgctg tcaatctgaa 180
 aatgccagtg ctgtgccttg gaaagaatgt ttggctttta ttaagggtt ttttttttta 240
 gtgtgtgttt tccctccaag tgtgatattt cctgctgaat taaattatac ttcagttggt 300

<210> 444
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 444
 ctccgagcca ccccgaaga ccattgcgag aggggtgctg atgacctgc tgcagcagtc 60
 ggccatgacc ctgcccctgt ggatcgggaa gcctggtagc aagccccac ccctctgtgg 120
 ggccatccct gcctcaggag actacgtggc cagacctgga gacaaggtag ctgcccgggt 180
 gaaggccgtg gatggggacg agcagtggat cctggccgag gtggtcagtt acagccatgc 240
 caccaacaag tatgaggtag atgacatcga tgaagaaggc aaagagagac acaccctgag 300

<210> 445
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 445
 gggttaattcc ctgaatccta cttgaacatt gtataaattt ctctttgcat ataatacata 60
 tttgtgaatg agacatattc ccaaaaaatt cttatctctg tatgtgattg gaaaagaaaa 120
 gatcacattt gtatattcaa caatctttca cctatttcat aagtcatttt ttcacctgt 180
 atagtatggg aattatTTTT tatgttaa atgaaactgaa tgtactgggt tgaatgggtg 240
 cctctccaaa attcatgtac ttcctggagc ctcagaatgt gaccttattt ggaaatactg 300

<210> 446

<211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

<400> 446
 gnctttnaaa accatctact tgttcttttt gcaggatccc atngangtcg ggagaatgct 60
 ggccacagat ggtgctgccc aacaggccca taccactcgt tccagtcaga ggtgcttgcc 120
 ctttggggat gatgttcggt gttccaatca gtctcttcca atgaccagac actgccttac 180
 ccatatttgt caggatacga atcagggtct cttcaagtgc tgccagggat ctgaagaggt 240
 acctgcaac aaacctgttc ctgtaagcct ctctgaggat cctgctgcc cactgcattt 300

<210> 447
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

<400> 447
 gccagatcct gcaggagagc gcgatgcaga aggctgctgt cgaggcactc caggtgagga 60
 aagacctgat gcacgagcag atcaggagcc agattaagtt aatagaaact gagttattgc 120
 agctgacaca gttggagtta aagatgaagn nnnnnnnnnn ngaatgccta nntgagatna 180
 tttgacctgg tccttntttg natattgacc ggnccanac tacanggtca cttgggtcat 240
 ctntctggacc cctgcttntt ctgggctgng cnntnaatgc ntncgttctc tnagagaaca 300

<210> 448
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

<400> 448
 gttgctgtca cttggatttc tagctttggg agcctgttcc acctactcag ctctgcattg 60
 agcagtatgg gcacatgccc tgtggacagt tactggacgt taatgaactc agaggagaaa 120
 agcagtgagc cacttggtct gtgtgattta tggctactca ttgctcttcc ttcacctcta 180
 gtcactttct attgctacct gccctacatt ggctcctgcc aaggccctc tctctccctg 240
 ttttcctttt tttttttttt nnnnnnnnnn nnnnnnnnt tgenttncc cccaggttga 300

<210> 449
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 449
 gccaaagcctc ggcctccact gcacctgctg cggagtggca cctttgcctg caaggccctc 60
 taccatcatgg cccagtgtca tctcagcagg gtctttggcc actcaggagg cccttggtgt 120
 ggggtgtctca gtctgtcctt ccctcatgag aagctactgc ttatgtccac agaccaggag 180
 gagctgtcac gctggtacca cagtctgact tgggctatca gcagccagaa aaactagagg 240
 aatcttatag attccagaac tcaggatacc tcagggatag gtcacagcca agagtacaaa 300

<210> 450
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 450
 gccaaagcctc ggcctccact gcacctgctg cggagtggca cctttgcctg caagtcccgg 60
 taccatcatgg cccagtgtca tctcagcagg gtctttggcc actcaggagg cccttgtggt 120
 gggttgctca gtctgtcctt ccctcatgag aagctactgc ttatgtccac agaccaggag 180
 gagctgtcac gctggtacca cagtctgact tgggctatca tcagccagaa aaactagagg 240
 aatcttatag attccagaac tcaggatacc tcagggatag gtcacagcca agagtacaaa 300

<210> 451
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 451
 ccattgttag catcgtacac gattgtgatt tttatgtcaa aagaagccaa aacttgcaat 60
 actattttta gcagacaaaa aaaagaacta agtataaaat gtataaatat ttttgacttg 120
 aacatttgga tggcactggg tgcaagtaga gcatccatcc ttcggatgga atgtttggaa 180
 aaaagagact tttaaaaagg agacgggtgt tttaaagagt ctgttttaggg gttaaagtac 240
 tgtaactcac gactgttaaa aaataaattt tcctgtgctg taaaggaagg tttcacagta 300

<210> 452
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 452
 gcaggatgtg atgtcaccga gatgcagagg atactcagtc aaccaacatt tactgagcat 60
 ctacttcgtg ccgtatgtct tgtcaacgga aaggggtccc tatccagacc ccaagagagc 120
 attcttgat ctcttgcaag aaagaatttg aggcgaatcc atagagtaag caaggcaagt 180
 tactctata tagaaggggtg cacccttaca gatcaaaca tgcttagtga tgtgtgtcag 240
 acctctgagc ccaagcaaaag ccatcatatc ccctgtgacc tgcattgata catccagatg 300

<210> 453
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 453
 cctgagggtca catgtggatt tggccagagc cttcaggagg tggaggccgg tgaggtcagg 60
 agcccagctc tccagggggc ttctgcctg actgggaagg gtgcctggct ccctaaaaca 120
 atgtcaaagc cagtctgct gttctctgtt gccagggggc aggtctgggc ctgggccaac 180
 cacgtttgtt atcatggctg ctgccttctg gacagctgcc agctctgcct tgagagggtg 240
 tgggacctct ggatccagct gacctgacag gtcattctact cagggaggag ccctgtgctc 300

<210> 454
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 454
 cacctcctag gttcaagcga ttctcctgcc tcagcctccc aagtagctgg gactataggg 60
 atggggcacc actcctggct aactttcgtt tttttagtag agatagggat tcaccatggt 120
 ggccaggctg gtcttgaaact cctgacctca ggtgatctgc ccgcttcggc ttcccaaagt 180
 gctgggatta cagttgtgag ccactgcacc cagccaggaa tgacatttca aattattcaa 240
 ttttgctatc aacaccttaa tataaaacca aagaggtaag catgctgggt actatagaac 300

<210> 455
 <211> 221
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(221)
 <223> n = A,T,C or G

<400> 455
 ggggcggcca ttactgaaag cctgcacatg aggagtgggt tttctctctc tctcctctc 60
 aacattgagt tgatgatgat catgatgttt gagacagtgt ctactctgt cctgcctcag 120
 cctcctgagg agctaggacc acaggctcat gcctccacat cctgctacat tttttatttt 180
 ttttgtagag ttggggtctt gctgnnnnnn nnnnntttat a 221

<210> 456
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 456
 gaaggcagtt atatggtttt ttactttttc atcaattcca taccatcggg agtaactaaa 60
 tgaaacatac ttcaaagaaa gaagtcaaat taaatgactg tcattgcca ttaataaaaa 120
 caacaatctg agcttaacaa aaaatttaac aaacaggga gacagaaaga tggatatatt 180
 attgcctgac tacactggca taactcactt taacaaaaat tatcacattt aataatataa 240
 cctgttatag ctaaataatta aacacatatt aattagggcc aactttgaag gatttctaata 300

<210> 457
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 457
 aagtagctgg gactacaggt gccaccacc atacctggct aattttttgt atttttagta 60
 gagacagggt ttatccatgt tggccaggct ggtctcaaac tctgacctc aagtgatcct 120
 cctgcctcgg cctcccaaag tgctgggatt acagggtgtga gccaccatgc ccagccaata 180
 atttctgat ataataaaaa tgccaatact atacaattaa atagtaaagt gataaaaaat 240
 aggataacat gataaccact aattaatata tactacataa tcatcctttt cgtgagttga 300

<210> 458
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 458
 gcagctgtgg agagaactgt acgtggtaag ggggagatat aagatgtcct gcataagtat 60
 tttccctgta gattgcaaag tcatctatgg agaggaaagg tccaaaatag tcaactggga 120
 gagcagggtga attagatggc caagcagggt ggatggatca tttgaggttt ggggtgacag 180
 atcaactgag atccacttac acttctgaaa acgcaagaac actttagaac attaacaca 240
 cttaaagctt ttacatcat ttgtaaataa ctggtggaac ttaacaccac aaaataaagt 300

<210> 459
 <211> 243
 <212> DNA
 <213> Homo sapiens

<400> 459
 cacactccag gctgagaaa agtaattagg aggctgagg aggggccgag gaaaggctgt 60
 tggggtgtgc tggggttggg acccgagcgc cttcccctca cctcaaccag agaagagcat 120
 ccggttgctt tttaaagctt ttagcctgcc ctagcaagga caaagcatgt tagattagag 180

atgcttctgc tgatcgcagg ggttcttatt tgaaaacatc tatgatgggg gaggtgtggg 240
aag 243

<210> 460
<211> 260
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(260)
<223> n = A,T,C or G

<400> 460
cacactccag gctgagaaag agtaattagg aggcctgagg aggggccgag gaaaggctgt 60
tggggtgtgc tggggttggt acccgagcgc cttccctca cctcaaccag agaagagcat 120
ccggttgctt tttaaagctt ttagcctgcc cttagcaagga caaagcatgt tagattagag 180
atgcttctgc tgatcgcagg ggttcttatt tgaaaacatc tatgatgggg gaggtgtggg 240
aannnnnnnn nnnnnnnntg 260

<210> 461
<211> 300
<212> DNA
<213> Homo sapiens

<400> 461
ggcaggtcat gttttcaaga gtagccagaa gtctggattc ttatgcaaag cctgttttgt 60
tgtttggttg tttgtttgtt tgaagtttgg cagcagattt aacattttta aagtactgtg 120
caggccaaac aaaacacgcc tgttgactgg ttgtttgcca tcctaaatat aaagtggggc 180
ccatgtgtgg tggctcacac ctgtaatccc agcatttttg gaggccaaagg caggaagatc 240
acttgagccc aggaggtcga ggctgcagtg agcagtgatc gcaccaccgc actccacctg 300

<210> 462
<211> 300
<212> DNA
<213> Homo sapiens

<400> 462
gccaggtgtc attgcacatg cctgcagtcc tggctactag ggaggctgag gcaggagaat 60
tttttgcacc cagaagttca aggctgcagt gagctatgat cacaccatgg cactccagcc 120
tgggcaatag aatgagaccc agtctctaaa aaagtagaag ttaaaaaaaaa agattaagaa 180
tagatgtagg gcagcagaat ttcgaacttc ttttcagcat cacaatactt taaaacagtg 240
attgtcatct gcctcaaacc cattgcctct cacataggaa atattttgaa acatattttt 300

<210> 463
<211> 268
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(268)
<223> n = A,T,C or G

<400> 463
gctgcactnt ggctgcatg cactctggcc tgcatggcag aacaagaccc tgtggaagaa 60
atgaacactg gtattagact taaagattaa atttctcaa acatgtccta tctgtagtag 120
ttcaactaga caccttttaa agtgcctcta aattcatcag atggccaaac tgtatttata 180
atccacttag gcattttgaa aaactttcaa cctgtaaaaa gttactttta tcttgattt 240
attatgaaga actttgtagt tgctttgt 268

<210> 464
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 464
 catgagttaa aggatatttt cagtcctggt atcttcaatt gcagtcttta aaaaaaccca 60
 ccctattggt ctacttggtta tatgtctatt catacagtaa attcatttca aggtttatgc 120
 cagtgggtat tattgggtgct ttttgaagtt gaggtgaacc atccaggaag gtcttggttaa 180
 tggtatgttc atctataatg gcatagggga aatatatata tttttaatat tgtaaacatt 240
 tgtactgaat aacctttttt tccccccctc cgcaagcaaa actggttgaa cagcggatga 300

<210> 465
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 465
 attagctgct tgtggtgggg cccaaccgc cctcggggcac tggggagctg ggctggggct 60
 gctgctctgg ggtctccggg ggccacagct tggggtgagt tgaagacctc aggggatgtg 120
 gaggggtctg cggggccctg gccgcacagg atggccttca gggaagggtg tcttggggca 180
 tgggtgcagag caggtgaccg gagggaaatcg gtgacggagc gggggccaagg gaggggtccg 240
 gagggagtcg gggatggagg gcagagggag tggatgtggg ggtttgagga cgtgtgacaa 300

<210> 466
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 466
 gaaaagggag ccgcgcagcg cctacgggag tccggcggca gcagccggtg ccggcaacca 60
 cgggcagctc tcaggaatc tccgtcgtga ggccagaggc tccagtcctc gcgagtcag 120
 atgcctgtcc agcctccaag caaagacaca gaagagatgg aagcagaggg tgattctgct 180
 gctgagatga atggggagga ggaagagagt gaggaggagc ggagcggcag ccagacagag 240
 tcagaagagg agagctccga gatggatgat gaggactatg agcgacgccg cagcgagtgt 300

<210> 467
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 467
 agtggctgag tggaggcgcc cagacctggg caggcagcag gctcaggccc acaccttggtg 60
 atttttgaaa ccaaagccca gaagatgatg tttacttctc tctccctggc tctgcccttc 120
 ttactgcaaa ccatgctgtg ccttagggcc cttctcatag ctgttcctca tggccatgac 180
 tggaacaggg atgcaacctc tttctacaca agcacagtta gttgggtgaa gtcttttttt 240
 tgtttgtttt agacggagtt tcaactctgt tgcccaggct ggagtgaagt ggcgtgacct 300

<210> 468
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 468
 ctggaaatga aattattatt ttcacccata gtagcaataa aaagaatact cagtaatacg 60
 tatggaatac tacttagtca taaaaaggaa tgaaataatg gcatttgag caacctggat 120
 ggaactggag accattattc taagtgaagt aactcaggaa tggaaaacca aacgtcgtgt 180
 gttctcactc ttaagtggga gctaagctgt gaggacgcaa aggcctaaga atgatacaat 240
 ggacttttga gactcagggg aaaggggtggg agggcgggtga gggataaaac agtgcacact 300

<210> 469

<211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

<400> 469
 gacagtacct ttcccccccc ttccatggcc cattttattg tctgcctttc agtactaagt 60
 atgaccgttc ctatctcaga tcttaataaa gagaaaaaaa aannnnnnnn nnnnnnaatn 120
 nggccttant tgantataact nggttagcaag cgtgngngac agagagtggg gaaagctnca 180
 tcattgaana tttngataaa ctttaccgac ttgagnttgg tncatntntc cctttnccta 240
 aattaactag cactgnctgn aagncatttn nctgtctgac gnntntccct tccattctgc 300

<210> 470
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 470
 actgcctcct tccacacgag tgcccctttg gccaaagaag attattatca gatattagga 60
 gtgcctcgaa atgccagcca gaaagagatc aagaaagcct attatcagct gctctgctca 120
 gttagttttt attcccgggg taccaagcag ctgcacagtc ggtgcctggg aggcacgtag 180
 aggcccttgg ctcaggcaga gggagatggt tagactcttg cagggctaaa actctaattt 240
 ggaattgaat atttggtgata tcttagttaa aggccatgct tacagcttag aaatgaagcc 300

<210> 471
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 471
 ttttttaaga gataaggtct tgctatgtta tctaggctgg cctaaacttc tgggctgaag 60
 tgatcctcct gtgtagctgg gactacaagc atgtgccacc aatgcctggc ttctcacact 120
 gttttgtaac atagatatgt gaagatgtgt attatagaat tgtttgtaat actgtagtgt 180
 tgtaggcaat gtgactgtct atagggaagt ggacagggtta tttgtggtaa atactcatgg 240
 aaaacggtca agcagttaaa agcaatcaat tatgggtcacc cagcaatgca gataaatctt 300

<210> 472
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 472
 agaacagggg gaagagagga agaggagct gcaggtgcca gaagagaaca gggcggactc 60
 tcaggacgaa aagagtcaaa cttttttggg aaaatcagag gaagtaactg gaaagcaaga 120
 agatcatggt ataaaggaga aaggggtccc agtcagcggg caggaggcga aagagccaga 180
 gagttgggat gggggcaggc tgggggcagt gggaagagcg aggagcaggg aagaggagaa 240
 tgagcatcat gggccttcaa tgcccgtctc gatagcccct gaggactctc ctactgtga 300

<210> 473
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 473
 atttgactaa atcattgttt cacaactgaa tagtcttggt ctttttagtag caatgaaatc 60
 ctaagctctt gaggccattc acctgccaac ctgaccatac tgctttcaaa agtcttttct 120
 catcagtaga atctattttg gtcacttcta gtcaatgaaa aatgtaaaact tttaggagag 180

aatgtttcct	aggactcacc	cactccattc	aatgttacat	ataaaatagt	gtgatcaatc	240
acaatgtcca	tctttagaca	gttggttaaa	taaattatct	ggctcttgaa	aagaccgtgc	300

<210> 474
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 474						
aacttaaaag	tagttttaga	aggaagtaca	aattggcttt	catcttgcaa	acaatcgttt	60
tttacttcat	tatcttaatt	tgctttgtca	ctcataaaaa	ggaaaccata	cctgagttgt	120
agacaatgag	gaaacacttg	aggcttctgc	tgtgtgttct	tttgttattg	ttggtattgt	180
tgttactcag	taacttgaat	attgtttaat	gtgttgtaag	acgtagagtt	tatctcaagc	240
tgtaaaaaat	ggtaatgtac	aaatgtgaat	agacacttat	ctatataata	tgggtaagtt	300

<210> 475
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 475						
ttacttttga	ttgtgtctga	tggaactga	gttggtggcc	tttgtgaaat	gaaatTTTTT	60
gctcttgaga	aagaattctt	atgaattgtt	atgcgaattt	tatatattta	aagagggaga	120
tctgggctg	ttatttttaa	acactttttt	tcataatata	tattccgagt	agatatttat	180
aaaatatatg	tttctttcat	tatgtgtttg	taaaattaga	gtttaataa	atatgctttg	240
atgcatagtt	ttgaactaat	gtaacatgat	ttttcttttt	taaaacagcc	tgaaaatgta	300

<210> 476
 <211> 293
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(293)
 <223> n = A,T,C or G

<400> 476						
tcatattagt	gttgccanga	gcaaaagggtg	gggnagggtgt	tgacttttnan	agcacagnag	60
naanttttcn	tggtgtgtgt	cgnttatctn	gattgtgtta	gtgcccacan	gnctgtatgc	120
atttttcata	attcncanan	ntgtatncta	atnagggtgc	acttcactgn	acataaatga	180
atctcaacag	acaaaagggt	aatcatttg	ttcattcctt	taacaagtat	gtgtcgagtg	240
cctactatgt	gctgggcact	gtaggttcaa	tggttaagaaa	agcagataca	ggc	293

<210> 477
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 477						
gatgagttct	tttctttctt	tccacctcct	gcaaattatg	tgatttgcat	aatttgatca	60
tagttaggtt	catttggttag	tttgtattcc	ttttggcttc	cccatatcc	tcgttgactt	120
tttctttctt	ttgtaactta	catatgttat	gaaatttata	tgaggatata	taattttcat	180
aaatgtttat	ggtttacatg	tattagttgt	tattattaag	atcaccctgg	gattgactgg	240
ccaagcattt	ggtggaagat	agcaataaat	aatacatcat	aaaagacttt	aatgtaaaaa	300

<210> 478
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 478
aagccaggag cgaggggact aacagcgcac cccctccacc agtgccgacg gaaaccccggt 60
tttaaattaa aaaataagcc agtatacatc gtagaaaatt tctcttaaaa atctcacaat 120
ttgtaaagt atattttttc ttttaacataa aagtttacaa tataaccgtaa aacaaaaggc 180
tcaggaaaat aatttcctaaa aaaaaggaag aaaaagaaac ctgaagtttt gaattaaagc 240
tgaagacatt tttttaaac ctgttgttga accagtgtact tttttttatt gtgctgatgg 300

<210> 479
<211> 231
<212> DNA
<213> Homo sapiens

<400> 479
cctcccagggt tcacgccatt ctctgcctc agcctcctga gtagctggga ctgcagggtgc 60
ccgccaccac acccggtta ttttttgtat ttttagtaga ggtgggggtt cactgttagc 120
caggatgggtc tcgatctctt aacctcgtgg tccaccgcc tcggcctccc aaggtgctgg 180
gattacaggc gtgagccact gcgcctggcc ttgggtgtt atactgggggt c 231

<210> 480
<211> 300
<212> DNA
<213> Homo sapiens

<400> 480
gttcccctct tcttgtgaga ctggtccagg cagcccttct ggacactgca tgatcacagg 60
agcagccctc tggcccataa tgacggccct gtcttcgcag gtggccactc gggcccgag 120
ccgctgggta aggggtgatgc ctagecctggc ttattgcacc ttccttttgg cggttggctt 180
gtcgcgaatc ttcattcttag cacatttccc tcaccagggt ctggctggcc taataactgc 240
tgttgtcact ccactctcct aggcgctgtc ctgggctggc tgatgactcc ccgagtgcct 300

<210> 481
<211> 300
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(300)
<223> n = A,T,C or G

<400> 481
gtgatcaciaa gggtcctttg ctgtggaata gtgaggtgggt tgagtcagag gcagagtgat 60
gcaatgactg aaagactttt ccagccatct ccggctttgn atncggaagt cggatcatgag 120
ccagggnntg caggcaggct ntgggagctg naaaaagcaa ganaatggnt tctcccctgg 180
agcctccaga agggatgcgg tctgccaac cccttgtcag tgagcctttt cagatttctg 240
acttccagga ctgtaagana atnancttgg cttgtcgaac ggnttcagan ttcaancact 300

<210> 482
<211> 300
<212> DNA
<213> Homo sapiens

<400> 482
cctacttatt ggatgttggc tctttggtgt catggagatg gctttactgt aggtttgttg 60
tgttgcatta cttttcattg ggattgaact gagaaataac aaacaagctt taagtgggaa 120
attaaaaaaa agaagtaacc tatgtagatc caaacttaaa atgtgagaaa ttattgaaat 180
ttcattttct acaaaactga aattagcctg ctaattgtaa agttgtttta ataagtctga 240
caaatgtcag ttacgtttgc aaaggagtgt atggttctag gtatttgcct actgttaacc 300

<210> 483
<211> 300

<212> DNA

<213> Homo sapiens

<400> 483

gggtgcagtg	gctcactcct	ataatcccag	catttttgaa	gtcctatgca	ggaggattgc	60
cagaggccag	gaatttgaga	tcagcctggg	caacatagtg	aaactctcat	ctttataaaa	120
agtaatatta	aaatttttaa	aagtgtataa	actgtaaaag	atattttact	ggtgttttct	180
tccttattcc	tacttgtcag	atgcaaatac	acatttttgt	gtgtttgtgt	ttagtaatta	240
taagtataca	tatttcttct	atttcatata	tttctatgac	attatatctt	agatgtgtaa	300

<210> 484

<211> 300

<212> DNA

<213> Homo sapiens

<400> 484

caaagaggta	cagagtgaag	acagtgctct	cctgtttgtt	attgcatgga	cgatcacgga	60
aatcatccgt	tactcctttt	atacattcag	tctattaaac	catctgcctt	acctcatcaa	120
atgggccagg	tacacacttt	tcattgtgct	gtacccaatg	ggagtgtcag	gagaactgct	180
cacaatatat	gcagctctgc	cctttgtcag	acaagctggc	ctatattcca	tcagtttacc	240
caacaaatac	aatttctctt	ttgactacta	tgcattcctg	attctaataa	tgatctccta	300

<210> 485

<211> 300

<212> DNA

<213> Homo sapiens

<400> 485

gtgaggctct	cttaaaaaat	ttaaaaaatac	tgaagaaaca	aaggaggagg	tttgtagaat	60
ctggagtggg	ggaaacttct	gtgtcaccaa	acacagaaac	catcaaagaa	aatctttcac	120
ttccaaaatt	agtctataga	aaaaaaaaaag	aaaatcttaa	cccaaataag	agactgaggc	180
aagagcttca	atcaatcgag	gtttactgag	ccagagttgg	agcgtgccca	ggaaagcaac	240
acaagtcaaa	gaaacgtctg	tggcctgtgc	tctcccaaga	agttttcagg	aggctcaata	300

<210> 486

<211> 300

<212> DNA

<213> Homo sapiens

<400> 486

cattaaatac	acacaagact	tcaattgctg	ggctctccat	tgattaatga	aaaaatgatt	60
gttttttgaa	tttgagtga	acacttctta	atggctgagt	aggggtggctt	acgcctgtaa	120
tcccaccact	ttgggatcac	ttgaggccgg	gactttgaga	ccagcttggc	caacatgagg	180
aaagcacgtc	tttactaaaa	atacaaaaat	tagctgggpc	tggtggctca	tgctgtaat	240
cccagctact	tgggagtctg	aggcgagagg	atcgcttgag	cttgggaggt	ggagggttga	300

<210> 487

<211> 300

<212> DNA

<213> Homo sapiens

<400> 487

gtctagtata	atcttgatgc	tcaaaccaga	taaggacaat	acaagaaagg	aagagtatag	60
gctaatttcta	cccaataact	aaatgaagta	ttagcaaacc	agattcatca	ataatctttt	120
aaaaatcaag	aattaattgg	atttaggaat	ataacactgt	gtataacaag	tttaagagaa	180
atatatgaga	atgataagac	tgcaattgaa	agtagaggct	ttctctggag	ggaaaggtga	240
ggaggatgtg	atttgggaaga	acagcatggg	gaggcatcag	ttgtattgta	atgtttattt	300

<210> 488

<211> 271

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(271)

<223> n = A,T,C or G

<400> 488

aancnangtn	atnncagg	gnattggntg	nggaatagng	aggtggatga	gtcagaggca	60
gagtnatgcn	nnnnntgaaa	gacttaacca	gccatcaccg	gctttgaata	cggaagacgg	120
tcatgagcca	gggaatgcag	gcaggctctg	ggagctgaaa	aaagcaagaa	aatggattct	180
cccctggagc	ctccagaagg	gatgcggtcc	tgccaacccc	ttgtcagtga	gccatttcag	240
atttctgact	tccaggactg	taagaaaata	a			271

<210> 489

<211> 300

<212> DNA

<213> Homo sapiens

<400> 489

aagacctgca	gcttcagcat	cacttgagaa	gttgtttaga	atgcatacta	gtgggccccg	60
ccccagaca	tagtgaatca	gaaaccaaca	gggaggcgcc	tagcattgtt	tttttaacaa	120
gtgctgggtt	attctgatgc	acagtctagt	ttaagaacca	ctactttggg	ttaacgtttt	180
gactgtttaa	agtttatggc	ggtgaagtgg	gcattctcaa	agactagtac	ttacacagtt	240
tagaagattt	caaggtactg	ctgacagtag	tttattatgt	cagtatacat	acgtgtagag	300

<210> 490

<211> 275

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(275)

<223> n = A,T,C or G

<400> 490

gcactgtggc	gtcacctgt	aatcccacca	ttttgggagg	ctgaggcgga	ggaccacctg	60
aggcaaggaa	ttcagaacca	ctctgggcaa	cataatgaca	ctaacaaaga	ctatctctaa	120
tcaaggctag	aaccaaggga	aggctaataa	ttgcccagta	ctgtgcatct	actgaaagcc	180
ctacccaagg	ccaccannnn	nnnnnnncnt	ctntnntatg	ncnantcnga	aanaacngna	240
acnttcacnt	tnttgactga	cgactgtcna	cncat			275

<210> 491

<211> 300

<212> DNA

<213> Homo sapiens

<400> 491

tgatgcctta	gtcacttggc	cacacagttt	tgtggtttac	gagtcattgg	aattgcttgt	60
cttactctga	ctgctaaagt	tctgtcctat	tgtcttttca	tgtaatatga	acatgactct	120
gatgacaaag	cccaactaat	tacacaactt	aatttaatat	tttaaagcgc	aaagggcatt	180
ccctgagcag	taaaatcttt	tgtttggaaa	ttttaaaaca	aatttatatt	tacttttatgt	240
tttatattta	cgtaataagt	atttacaaga	acacaatttt	ctcaagattt	aaactgctca	300

<210> 492

<211> 300

<212> DNA

<213> Homo sapiens

<400> 492

gtcaactctc	cttgggtgagt	gcctcagaac	ttaggaaaag	agaacagcgc	atgtctctct	60
catgaagatg	acagaggaca	aaagcaagca	gaaatataca	aggatttgcg	tactctatta	120
tgaatttctc	tttgagaaat	aatacctgtg	agaatgctgc	tccttcaatt	aggttcagga	180
ttggaggaaa	aatcatataa	aataggttcc	tgcaataata	ttgccccttg	agtatgggtg	240
ggcttgtgac	ctgctcagt	ctaaggaaat	gcagtggaaa	tgatgctgtg	taacttctga	300

<210> 493

<211> 300

<212> DNA

<213> Homo sapiens

<400> 493

ctgacaactt	gattgggttc	tccttcaggt	ttgaagcgcc	ctcgagaagt	gtctaaagga	60
gacagttgat	agccaaacaa	cagtttttga	ttcactgact	gattatgaaa	gaagcagtag	120
actggatatca	agaatcagtc	agcaaggagg	ccctcaccag	acgccagtc	catgttcttg	180
gacttctcag	cctccatatt	catgaactaa	gttttttgaa	tccttaggct	tccacgtgtg	240
gaaagcctga	gctaacctac	tggaggatga	gccatcacct	ggagcagatt	caggccatcc	300

<210> 494

<211> 300

<212> DNA

<213> Homo sapiens

<400> 494

gtcactctgt	caccaggt	ggagtgcagt	ggtgtgatca	tagctcactg	cagcctctac	60
ctcctgacac	aagctgtcat	cccgccttgg	cttctcaaag	tgctaggatt	ataggcgtga	120
gccaccatgc	ccgaccagtt	tctgctttta	ttaaaattgt	tcacagtttt	atacattcat	180
gttcattaaa	aatgctat	agaaaagagt	ttgataaaat	aaatattata	caaaattcga	240
agaaaaaaga	aaagagt	tgtttcagtc	acaaattagg	gttattgtga	tgtgtattta	300

<210> 495

<211> 300

<212> DNA

<213> Homo sapiens

<400> 495

gaaaagttaa	aaaagacatt	gagtgatgta	atccaccctg	ggggcaatag	ccatattgcc	60
aatgggtgcg	ccgggtgtgt	ggcaacatta	cttcatgatg	cagccatgaa	ccctgcggaa	120
gtgggtcaagc	agaggatgca	gatgtacaac	tcaccatacc	accgggtgac	agactgtgta	180
cgggcagtg	ggcaaaatga	aggggccggg	gccttttacc	gcagctacac	caccagctg	240
accatgaacg	ttcctttcca	agccattcac	ttcatgacct	atgaattcct	gcaggagcac	300

<210> 496

<211> 300

<212> DNA

<213> Homo sapiens

<400> 496

gttatgaaaa	attattccca	ggtcctaagt	tccactctag	gaacttctaa	cattgccacc	60
ttgatattcag	aattatgtgc	accaataact	atgttggtcc	tctcattttt	tccacttttg	120
agcaagaagg	tcacatggca	gttacctct	gcctgtccta	ccattgtctt	ttgggtatgt	180
gttgggcagg	taatttgtct	cttaagttcc	agaaacgaga	ttgagagaag	caatatatat	240
tcaaggagca	gcatttaagg	aactacctac	acccaggaaa	tttcatctgt	acctgcacct	300

<210> 497

<211> 300

<212> DNA

<213> Homo sapiens

<400> 497

gtcacatctt	aaatggatgg	tggcagacaa	aaagagagag	cttatttagg	gaaactctgt	60
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ttttaaaacc	atcagatctc	atgcaactta	ttcaccatca	caagaacagc	agggcacaga	120
cccatcccca	tgattcaatc	atttcctact	gggtttcttc	cacagcatgt	aggaattatg	180
ggagctacaa	gatgagatth	gggtgggagc	acagagccaa	aacacatcag	atgccatgga	240
aatacaatga	ggaaaagaca	gtctttccaa	taaactgtgc	tgggaaacct	ggctatccat	300

<210> 498
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 498						
gcaaccttcg	cctcctgggt	tcaagtgatt	ctcctccctc	agcatcccaa	gtagctggga	60
ctacaggcac	gtgccaccac	acccagctaa	tttttgcat	tttagtagag	gcagggtttc	120
atcatgttgg	ccaggctggg	ctcaaactcc	tgatctcaag	taatctgccc	actttggcct	180
cccaaagtgc	tggcattaca	ggaatggagc	caccgcgccc	agcctgattt	cttttttttag	240
gtctgtcag	gaaagatatt	gattcttttg	attcgtgaac	atggtttttg	gtcgtcttta	300

<210> 499
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 499						
cttaacagag	aaggtacctg	aggctcaaaa	aggatgactg	acagtcctag	tggcagaatg	60
gaggtgggat	ctggaaccca	caacttgatt	cctaggactc	ttttttttta	attcccacat	120
tggctgggtg	tgggtggctca	cgcctgtaat	cccagcactt	tgggaggctg	aggtgggtgg	180
atcacctaag	gtcaggagtt	ccagaccagc	ctgaccaaca	tggtgaaacc	ccgtctgtac	240
taaaaataca	aaaattagcc	aggcatgggtg	gcccatthcc	tgtaatccca	gctactcagg	300

<210> 500
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 500						
gggtgacct	taagataagg	agatgatcct	ggattatctg	ggtggaccca	atgtaatcac	60
aagggtcctt	aactgtggaa	tagtgaggtg	gctgagtcag	aggcagagtg	atgcaatgac	120
tgaaagactt	aaccagccat	caccggcttt	gaatacggaa	gacggtcatg	agccagggaa	180
tgacggcagg	ctctgggagc	tgaaaaaagc	aagaaaatgg	attctcccct	ggagcctcca	240
gaagggatgc	ggtcctgcca	acccttctgc	agtgagccat	ttcagatttc	tgacttccag	300

<210> 501
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 501						
ctgagatctg	cttttactga	agtggatcaa	tgatgaaact	agccaaatct	gagcatcaga	60
aggctttccg	gtctacctga	tgcatgatct	ctacagttct	gagaagcaga	actataaaac	120
aatgtaaaaac	aataagggca	tatgtctggg	gtgtgtgtgg	ggggtgtgtg	tgtgtgtgca	180
cccacacgtg	tttataaagg	tagcagttgt	aggaatgaat	gagattgggg	gtgagggggg	240
gcatatgtat	gtctatgaaa	gcctaatacat	ttctgggcaa	tgatgtaaag	gttttacgac	300

<210> 502
 <211> 260
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(260)

<223> n = A,T,C or G

<400> 502

caccatcgaa	tatttttatt	tatttttgaga	gacagactct	gtcaccacag	ctagtcttaa	60
actgttggtg	aatcttaagt	gattctccca	cctcagcctc	ccaaagtgtc	gggattacag	120
gcatgagcca	ctacccttgg	ctgtgatcaa	gtatttagtn	nnnnnnnnnn	nnnnnnntaa	180
atagtctgaa	gtagagaaaa	tagcacccaa	tctaanataa	ggtgaggtct	anncacttat	240
ttaannctnc	nttnntnnct					260

<210> 503

<211> 294

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(294)

<223> n = A,T,C or G

<400> 503

gctatgctaa	acagccttta	catgtatggt	ctgggttaaag	ttcctttggt	ccttttggtt	60
taataaaatg	tgctactgat	tttttagctc	aaaatcatca	ctgttaattt	ccagtcaccc	120
caaatatggt	taaaagattt	ttttttttta	tcatgaagag	aaaattagta	gcatttcctt	180
ctctcccat	tatttattgg	ttttctcac	taatctttt	ttttttannn	nnnnnnccaa	240
aaatattnat	ctnggtttna	cntttnaatt	ncctnctta	atnggaattt	tttt	294

<210> 504

<211> 300

<212> DNA

<213> Homo sapiens

<400> 504

cagaacttca	cagcagcctg	tcctcatcag	caaccacaac	accttcatca	gcaacccaac	60
caccttcac	agcaacccaa	ccacctcgtc	agcaacccaa	ccacctcgtc	agcaaccag	120
ccaccttcac	cagcaaccca	accacctcat	cagcaaccca	gccaccttca	tcagcaacc	180
aaccacctca	tcagcaaac	aaccactttc	atctgcaacc	caaccacttt	catcagcaac	240
tcaaacctt	catctgcgcc	caaccacctt	catcagcaaa	ccaaccacct	tcttcagcaa	300

<210> 505

<211> 300

<212> DNA

<213> Homo sapiens

<400> 505

gcccagctac	gatctatatg	ctgtcatcaa	ccactatgga	ggcatgattg	gtggccacta	60
cactgcctgt	gcacgcctgc	ccaatgatcg	tagcagtcag	cgcagtgacg	tgggctggcg	120
cttgtttgat	gacagcacag	tgacaacggt	agacgagagc	caggttgtga	cgcgttatgc	180
ctatgtactc	ttctaccgcc	ggcggaactc	tcctgtggag	aggcccccca	gggcagggtca	240
ctctgagcac	caccagagacc	taggccctgc	agctgaggct	gctgcagcca	gggactaggg	300

<210> 506

<211> 276

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(276)

<223> n = A,T,C or G

<400> 506

ccaagtntnc	ancanccacc	aaanggnntn	nccgnatgtg	gtccttatac	acaatanagt	60
gntantcatc	catacnaaaa	gaatgagatc	ctatcatttg	caataacatg	gatgaaacta	120
aaagtcattg	tgntatgnga	aatnagnacg	gcncagaang	tcanaatatc	acgtgttgtc	180
tcctctctn	tagganntnn	nnnnnnnaag	ccatctgaac	tgacagagat	ggagaatgga	240
aggatgggta	ccagaagttg	gtggggaagg	gggaag			276

<210> 507

<211> 300

<212> DNA

<213> Homo sapiens

<400> 507

aaaacacaca	cacacacaac	acaatgtttt	cacgcctgta	aacctagcac	attgggaagc	60
caaggtggga	ggattgcttg	aggccaggag	ttcaaggctg	cagttagcta	tgattgcaca	120
ctgtactcta	gcctgggaga	cagagtgaga	cactgtctct	aaaaaaaaaa	aaagtttttg	180
aaccttaaaa	tactttgttt	gaatttctaa	tcattcattca	aaagagcagt	aaaaaatggt	240
tacttgttct	tgtacaagct	actaattaga	ctatagtagg	atattttaaa	gagctgaatc	300

<210> 508

<211> 300

<212> DNA

<213> Homo sapiens

<400> 508

tgaagccagg	aaaggggggtg	ggctaggggg	tgtgttttta	ggtagagtga	tggaacagc	60
cccactgagc	aaactttagc	cacatgagta	gctggaagaa	aagccttcta	ggaccagga	120
acagcaagtg	caacagccct	gagacaggat	gggcttgta	gtttgaggag	cagtgggagg	180
cctgaaccag	gttacatggg	gcccagccag	tatggccacg	actttgtgtt	ttatccagag	240
tacaaaggag	cctcactgag	ggacaaggga	agtggcatga	tgtgaccgc	atattaagag	300

<210> 509

<211> 300

<212> DNA

<213> Homo sapiens

<400> 509

gcctgggaaa	gcgtggcgcc	catgaatatc	cgcaggagca	cgcattgacct	gggggccatg	60
gacggatggg	tgtacgccgt	ggggggtaac	gacggtagct	ccagcctcaa	ctccatcgag	120
aagtacaacc	cgaggaccaa	caagtgggtg	gccgcattcct	gcattgtcac	ccggcgagc	180
agtgtgggtg	tgggcggtgt	ggagctgttc	aatttcccg	cgccatcctc	cccagcgtg	240
tccgtgtcct	ccaccagcct	ctgaccacc	taccaccaga	ggcctgcagc	ctccccatg	300

<210> 510

<211> 300

<212> DNA

<213> Homo sapiens

<400> 510

tgcaacatca	ctgatatcag	catcctttta	aatattatct	gcttcttggt	ctaagagcaa	60
caaagctggg	aattccttat	agagttattc	acaatgcctc	cataatgaat	gctgtaggct	120
gctgtgggtt	acagacatca	aagtaaagga	gcagtctttg	gaaaatctaa	tcaagggaag	180
gaagatctat	gaacctccac	ggtatatgag	tgtaaaccac	gcagcccagc	agcttctgga	240
gattgttcaa	aatcaaagaa	tacgaggaga	agaaccagca	gttaccgagg	agacactttg	300

<210> 511

<211> 300

<212> DNA

<213> Homo sapiens

<400> 511

gtatcacctg	agcaaatctt	ttaaattata	cattctgtga	tatttccttg	actttcttat	60
------------	------------	------------	------------	------------	------------	----

ccagcacttg	tattgattat	ttttcatttt	gataatgttg	ggttttttaa	aactccttta	120
tgatggaaaa	tttcaaacat	acacaaaagt	agagagagaa	tggtataata	aaccactca	180
gttttaagga	ttgtcaacta	ataccagttt	tatttcatgt	atgactccaa	caacttcccc	240
aaccagcctt	cagattattt	gaaagcaa	ttcagacatc	gtattttact	catacatttt	300

<210> 512
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 512						
gggcatgggg	ccaggaccag	gggagaggca	cagctccttc	ctgagcagcc	tctcaccact	60
gccacaaggc	tccctaatac	tggtctctgc	tccactcccc	ggcttcccgt	gaggcaggag	120
gcagagccac	agccaaggcc	ctgaccactt	ctgtgccagt	tgtctaagca	gagcgcctca	180
gggacgctgg	aaatgcctta	aggatagagg	ctgggcatca	catcaaattg	gactgtgggtg	240
tttggtgaaa	accttcctga	ggatctggat	tcaggaccct	ccatgactgg	cctattttact	300

<210> 513
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 513						
cgaataaagc	agaaaaggag	agatcgctga	aggaaaagtc	tccgaaagaa	gaaaaactga	60
gactgtacaa	agaggagaga	aagaagaaat	caaaagaccg	gccctcaaaa	ttagagaaga	120
agaatgattt	aaaagaggac	aaaatttcaa	aagagaaggg	agaagatttt	taaagaagat	180
aaagaaaaac	tcaaaaaaga	aaaggtttat	aggggaagatt	ctgcttttga	cgaatattgt	240
aacaaaaatc	agtttctgga	gaatgaagac	accaaattta	gcctttctga	cgatcagcga	300

<210> 514
 <211> 290
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(290)
 <223> n = A,T,C or G

<400> 514						
agtatgagaa	gggaggatgg	gggagaatct	gattaaaaaa	aatgattcat	tccttcacag	60
acactaaca	acatgggctaa	aaagcacatg	tcagaacaca	gaagcctagg	tagatgggtg	120
acatttttat	aacttcctta	agtgagtagt	taaaccagca	gtcttaattc	tggtgggtctt	180
ccaagagtgt	ttaattacat	aagtattacc	tgtattcatt	tcccacaact	gttgggtttt	240
tctttctttt	tttttttttt	nnnnnnnnnc	tnccnaaaaa	ancnccccgg		290

<210> 515
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

<400> 515						
anaaggcgca	ngaagcagaa	gcgcagagcg	aggacgacga	cgaggataca	gaagaggaac	60
agggggaaga	aaaggaaaag	ggagcgagcg	agaaaaggag	ggggaagaga	gtccgttttg	120
cataagatga	agaatagagt	gaaaattcct	cggaggacgg	tgacataacg	gataagagtc	180
tttgtggaag	tggtgaaaag	tacatcccac	ctcatgtgag	gcaagctgag	gagacagtgg	240

acttcaagaa aaaggaagaa ctagaaaggc tgaagaaaca tgtaaaaggt ctacttaaca 300

<210> 516
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 516
 gctatctgaa cacagtggaa agatgggacc ctcaggctcg ccagtggaaat tttgttgcca 60
 ctatgtctac ccctaggagt acagtaggtg tggcagtact aagtggaaaa ctttatgcag 120
 ttggtggtcg tgatggaagt tcttgtctca aatcagtaga atgttttgat cctcatacta 180
 ataagtggac actgtgtgca cagatgtcaa aaaggagagg tggcgtagga gtgacgacct 240
 ggaatggact gctgtatgct ataggggggc acgatgctcc cgcaccaac ttgacttcca 300

<210> 517
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 517
 ggaaccatga gaaccgaagc tagaattgct attgaattac tttatcttct cttcccttat 60
 tgggtagaga tacatcatta ctggcctcag gggtttacc aaagaaaggg tatttttgag 120
 caaataatgt gatttcctgg ctatcttctt gggggcttaa gatttttttt tttcaaatgc 180
 attttttagtc actaaaaatt aactgtcgta ccatctagaa ctatactgtc cagtaccata 240
 gcctctagcc gtatgtagct atttgtatta agattaattg aaatttttaa tccagttcct 300

<210> 518
 <211> 214
 <212> DNA
 <213> Homo sapiens

<400> 518
 ctcagacaaa gaaaccattg aaattataga cctagcaaaa agagatttag agaagttgaa 60
 aagaaaagaa aagaggaaga aaaaaagtgt ggctggtaaa gaggataata cagacactga 120
 ccaagagaag aaagaagaaa aggggtgttc ggaaagagaa aacaatgaat tagaagtgga 180
 agaaagtcaa gaagtgagtg atcatgagga tgaa 214

<210> 519
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 519
 agcaattcca ctctagctc caccacagc aattgaaagc aaagacgcaa acagatgcct 60
 gtgcacaaa gtacacggca gcaccttcg ccatagtggc agcatccgtc gtcacagcgg 120
 catcatcctt catcatagcg gcagcatccg tcgtcacagc ggagcatcc ttcgccacag 180
 cggcagcatc tgctgtcaca gcggcagcat ccttcgccaa agcggcagca tccttcgtca 240
 tagcggcagc atcctttgcc atagcggcaa ggtggaaacc ctgtccatcc actgaggcgt 300

<210> 520
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 520
 caccgccagg ccagctgtca ggaaacaggg gctctaggcc cagcttcacc acttaggagc 60
 tatggctttg ttcagaaaca ttgtgactct cttaccacaa cattcctctg ctggaagggg 120
 agattgacaa accagcatca tctctaattt actacaaaag ccctcactgg aaattattct 180
 taacttagca gctggtagga tccattaaaa aaaaaagtaa gttagactgt gttactctgc 240
 tgctcaaagc cctgcagtgc ctctcattt tacctagcgt aaaacctaaa gtcctttcca 300

<210> 521
 <211> 270
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(270)
 <223> n = A,T,C or G

<400> 521
 cacagttctg catggctggg gaggcctcac aatcatggtg gaaggcaagg aggtgcaaaa 60
 gcatgtctca catagtggca aggcaggaga gagcatgtgc aggggagctc ccatttataa 120
 aaccatcaga tctcatgaga cttagtccact accacgagaa cagtatgggg ggaaccatcc 180
 ccatgattca gttatctgca cctggcccca cccttgacac ntgggaatta ttccaatgcn 240
 nggtganatt tgnntngnna nntttncnna 270

<210> 522
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 522
 attgaaggca gagaaggaag ggaggaggga atgattcaag gccaaaatgg ccacatttag 60
 aagataacct agatgataac cattgttatg tgtgtgcaat ttattttaac agtgcgtgtg 120
 atgtggtgga caagttatat gaaatatcta gtctttctag atatttgga gtgcttgatg 180
 tatttaaaag tggtagtaga ataacacttt gtaaatagct tttaaaaact gatgggaaat 240
 gctgtttgga agtgaattg ttgaaccacc tgggaggtgg gaggaagaa attgcaaattg 300

<210> 523
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 523
 tgaagaatgg cgtgggttgg ttcttttcaa atgcacttga gcagcgggtct ccaaccacag 60
 ggccacagag ctggagggtga gcagcaggcg agtgaaggga aacttcatct gtatttctag 120
 cccctcccat cgcttgcatg accacctgag ctccatgtcc tgtcagatca gcagcagcat 180
 tagattctca caggagcaca aactctgttg tgaagtgtgc atgcgaggga tctaggttgt 240
 gtactcctta tgagaatcta atgcctgata ttctgttact gtctcccatc accccagatg 300

<210> 524
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 524
 caagaagagt tttctgttca gtttggaaca agattttgag aagacattta ggatgtacta 60
 gtttgagttt ttaaagtat atttgagata ttttctcaac tttctctttg ggtctgtagc 120
 taaaatatgc agtataatgt tatatttatt tattttttta gagatggggg ctagctattt 180
 tgcccaggca gactcaaatt cctgggctca agtgatcctc tgccttgccc tctgagtag 240
 ctgggactta cagacatgtg ccaccaaac tagtggctat ataattttta aaaatattct 300

<210> 525
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 525
 gccacacggg cccgcatcat cctgcaatc tggttccgct acgacctcag ccccatcacg 60
 gtcaagtaca cagagagacg gcagccgctg tacagattca tcaccacgat ctgtgccatc 120

attggcgga	ccttcaccgt	cgccggcctc	ctggactcat	gcattcttcac	agcctctgag	180
gcctggaaga	agatccagct	gggcaagatg	cattgacgcc	acacccagcc	taatggccga	240
ggaccctggg	catcgccagc	cttgccctcca	gtgccctgtc	tcctttggcc	ctcaatctgg	300

<210> 526
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 526						
ttccctccct	cctcctttca	ttctccttct	ctccttctcc	cttccttttc	tcctacctcc	60
tttgactaag	cctccctccc	ctactccctc	ctttctctcc	ttccttcctt	cttctctatc	120
aatataatca	ctttgtttct	ttcaggtgag	atcggactgg	aactgttcgg	ctgcgaccag	180
aaattttatt	tcctgagtaa	attgccgaga	attaagaatg	aagagggcca	tttgcattct	240
cttaaattat	tcagttacct	gctttattgc	tccatgtgga	aaacttaaaa	ttgttaagtt	300

<210> 527
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 527						
atccagagaa	atgatgtgcc	ttgtgtaaag	ttgtggttag	gaagggacag	agccaggact	60
ctaaattctg	tcctccggcc	ataattccaa	aactttctcc	aatgttaggt	atgtaggcta	120
aaatgtgcta	acagcacttg	tgtttttgtt	tccttttgtt	ttacttttta	ttatggcaaa	180
tttcaaacat	atacagatac	agaatagttt	aatgaactcc	catgttctca	tcattgccag	240
tcaaaccatga	atacatggtc	aacctgtgat	cacttaaaact	cttgcacaca	agccctgccc	300

<210> 528
 <211> 296
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(296)
 <223> n = A,T,C or G

<400> 528						
gtaagtatt	tggttaagta	gaaccctcag	tgcatggtct	agggatctct	ggaggtcccc	60
aggacccttt	cagagaagcc	atgaggtcaa	aactgttttc	ataagcagaa	ccaaaacatt	120
atttgacttt	ttcaatgcat	tggcatttgc	attgatggta	caaaagcaag	gatgagtaaa	180
atggnnnnt	ncttagcgng	atcaagatgg	naanaantgc	acnaganaac	nntgtntnct	240
tnnctgcann	gngcntttta	agactnccna	ttcnaantaa	ganancannn	acggcc	296

<210> 529
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 529						
aaaacactat	ttacctat	ttccaaggaag	gaagtattga	gattgacatt	ccagtcccca	60
aatacttata	ttctgtgagc	tcacaagaaa	ctcagggcgg	ccccttagct	cctatgactg	120
gaaccattga	aaagggtgtt	gtcaaagctg	gagacaaagt	gaaagcggga	gattccctca	180
tggttatgat	cgccatgaag	atggagcata	ccataaagtc	tccaaaggat	ggcacagtaa	240
agaaagtgtt	ctacagagaa	ggtgctcagg	ccaacagaca	cactccttta	gtcgagtttg	300

<210> 530
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 530
aacaggaata tggaaagaaa ctcagagccg agttagtgga aaagtggaaa gcagagagag 60
aggctcggct ggcaagagga gaaaaggaag aggaggagga agaggaggaa gagatcaaca 120
tctatgcagt caccgaggag gagtcggacg aggaaggcag ccaggagaaa ggaggggacg 180
acagccagca gaagttcatt gtcacgtcc ctgttccctc gcagcaagag attgaggagg 240
cactggtgcg aaggaagaaa atggaactcc tccagaagta tgcaagcgag accctgcagg 300

<210> 531
<211> 300
<212> DNA
<213> Homo sapiens

<400> 531
cttagattct acctgtaaca ttttataaaa cttgctttat aacacagata tctatcaatc 60
tcatctttaa atttaatttt ttttttggaa cagagcaaaa ccagtcctcc aaaaaaaga 120
aaaaggaaaa agaaatgtat ttaaattatc catgctttta gctatttact tatgagcctt 180
tataacagat tcttcatagt ctgccttcta tactcccagg gtgatgggtc ggggaagggg 240
gagctaggac ctgtctttcc tttggtctta tcaccacctc ttccaggggc tgctccttcc 300

<210> 532
<211> 300
<212> DNA
<213> Homo sapiens

<400> 532
aatagtagaa aggggtcccca ttctgtctca gcaccgcacc tctctacccc cccacagaca 60
cacatgcaga cacacacatg cagacaacac gcagacacac acatgcaggc actcacatgc 120
aggcccatgc acacacacgt gcacacacat gcagagacat gcagacacgc aggcacacat 180
gcacacatgc aaagacacgc atgcaggcac acgcagacgc acacagagac acacatgcag 240
atacacatgc acacacacat acacacactg gcccctgttt ttctgtggtg tcaactgggtg 300

<210> 533
<211> 300
<212> DNA
<213> Homo sapiens

<400> 533
gattttacgg tttttgatgg gattattcaa gtgtcagaat taactgttca aaatgttctg 60
aatcatgtag atacatggca ggtaactgtt tatgggagaa aagtacagt ctgttacgtg 120
gcactgtaca gtcatgtgcc acgtaacagc gtctgggtca gtgacggaca cttacctgac 180
agcggatcca caatattctc gtgcagtgtg tttggaatcc tgggtctgggc tctcgtcgtt 240
ggcctttag tag atcaagtagg ggaagtgagt gatgttcagt catgctgctg ggacacttgg 300

<210> 534
<211> 300
<212> DNA
<213> Homo sapiens

<400> 534
gcctggccta aatgaagtac cacatgaccg accgaccgac ctggggaaca tagcaagacc 60
ccatctctac aaaaatgtaa aaaataaaaa ttagccgggt gtagtggtac atgcctgtaa 120
tcctagatac tcgggagggt aaggcagaag gatcacttga gcccaggagt tcgaggctac 180
agtgaactgt gatcgtgcc ctgcactcca tcctgggtgg cagagttagg ccctgtctca 240
aaataaataa tccagtcccc cccaagaaag gaatgaagt ctataatgag aaaaatccta 300

<210> 535
<211> 300
<212> DNA
<213> Homo sapiens

<400> 535
 tggacggcag agcccaagtt tcaagctttc cctgtccagt ggaacgaaga ctaacctcac 60
 cagccagtca tctacaacaa atctgcctgg ttctccggga tcacctggat cccaggatc 120
 tccaggctct cctggatccg tacctaaaaa tacatctcag acggcagcta ttactacaaa 180
 gggaggcctc gtgggtctgg tagattatcc tgatgatgat gaagatgatg atgaggatga 240
 agataaggaa gatacgttac cattgtcaaa gaaagcaaaa tttgattcat aataatggca 300

<210> 536
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 536
 agtgcacgca gcccagagccc acggggcgact gacagctctg caggagagat ttcaacacca 60
 tcccacactg tccaggcctt aactgagagg gacagaagac gctggaagga gagaaggaag 120
 cggaagtgt gcttctcagg gaggaaccg gcttgccagc aagtagattc ttacgaactc 180
 caacttgcaa ttcagggggc atgtcccagt gtttttttgg ttgttttttag atactaaatc 240
 gtccttctc cagtccctgat tactgtacac agtagcttta gatggcgtgg acgtgaataa 300

<210> 537
 <211> 267
 <212> DNA
 <213> Homo sapiens

<400> 537
 tttaacattt gtttgaatca ggatccaaat aaggtttaaa tattgcaatt tgattaatac 60
 attagattc ttttaactca taagttcctg ctccatctgt cattttattt ttatcccttg 120
 aaattttatt attgaagaaa ctatatcctt tgctttgtaa aattttccac agtgtggctg 180
 gctttggctg attgctagcg tcatttgcta tttatttttg tctgtatct tggatctggc 240
 gccttgatca gatttaagtt gattttt 267

<210> 538
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 538
 ggtttttgat gggattattc aagtgtcaga attaactgtt caaatgttc tgaatcatgt 60
 agatacatgg caggtaactg tttatgggag aaaagtacag tgctgttacg tggcactgta 120
 cagtcatgtg ccacgtaaca gcgtctgggt cagtgcagga cacttacctg acagcggatc 180
 cacaatattc tcgtgcagtg tgtttggaat cctggttggg gctctcgtcg ttggccttgt 240
 agatcaagta ggggaagtga gtgatgttca gtcacgctgc tgggacactt ggatttccag 300

<210> 539
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 539
 accagaagga agaaggatta ctaaattaga tcagattttg ctaaattggaa ataataaac 60
 aatgctggtt cctggaggag aaggacctga agtgtgaatg agtttccttg acttacacta 120
 gattttgttt tggcttataa tgacaagaaa atggaatttt tttccctct ttctaattgt 180
 taaatcccat aaagctaagt ttcccgttaa aggaagtgc tttgaagatg tgtaccatt 240
 tttgtaagtt aatcatgatt atcctggaaa aagaagaaaa gagcttcttc tttgcagaga 300

<210> 540
 <211> 297
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(297)
 <223> n = A,T,C or G

<400> 540
 gnnctataga atacaagcta cttgttcttt ttgcngganc ccatcgantc ggaattatag 60
 tattgacgtg aatcccactg tggatatagat tccataatat gcttgaatat natgatatgg 120
 ccatttaata acattgattt cattctgttt aatgaatttg gaaatatgca ctgaaagaaa 180
 tgtaaaacat ttagaatagc tcgtgttatg gaaaaaagtg cactgaattt attagacaaa 240
 cttacgaatg cttaacttct ttacacagca taggtgaaaa tcatatttgg gctattg 297

<210> 541
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 541
 aatggcctgc ctcacacgtc agccagaacc cagctgcccc agtcaatgaa gattatgcat 60
 gagatcatgt acaaactgga agtgctctat gtccctctgcg tgctgctgat ggggcgtcag 120
 cgaaaccagg ttcacagaat gattgcagag ttcaagctga tccctggact taataatttg 180
 tttgacaaac tgatttgag gaagcattca gcatctgccc ttgtcctcca tggtcacaaac 240
 cagaactgtg actgtagccc ggacatccct tgaagataca gtttttgagg cttcttcaga 300

<210> 542
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 542
 gactgtgtgt gctggtgtgt gtgtgagttc tacgtttcta ccatatgtga tcagtttaaat 60
 agtaacttta tttatttaaa aaaaagaaac acaattagtt actgttaaac tgataaaggg 120
 tgtttatatt taccttttag aattggtcct atgaagaagt agaaagtgag tcatgcacta 180
 gacagtgggc ctagctcatc agtgggctaaa gttgaaaagg ggttggtttc ctgtatatat 240
 atgtatgtat atacacacgt acatacatc atatatacat atatatacat aatgtgctta 300

<210> 543
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 543
 ccagagctgg cagaagaaaa cagtaaagct tagagtagaa ataaatgaaa taaagaacag 60
 agaaatatag aaaatcaaaa ataccaaaag ttggctcttt gaaaagatca acaaaattgc 120
 caaccctttt aagtagacaa gaaagaatga attgttggtg gtgcagtggg gagcatagct 180
 gcttttcaag aacaaaaaag actcaaatga ctaaaatcaa gaatgatcaa gaatgagaga 240
 gtagacatta ctacagatct tacagaaatg aaaggattat taatgagtac tgtgaacagt 300

<210> 544
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 544
 gtctctgcaa aagacccctc cgacccgagt gttcgtggaa ctggttccct gggctgaccg 60
 gagccgggag aacaacctgg cctcagggag agagacgcta ccgggcttac gccacccctt 120
 ctctcaaca caagccaaa ctgctaccg cgaggtgcaa gtaagcggca cctcagaagt 180
 gtctgcgggc cctgaccggg cgcaggtggg ggtgcgagt agcagcacca aggaggcggc 240
 agccgaggcc aaaaagagcg tttgtcgcg tctagattac atcacgcaga gcctccagca 300

<210> 545
 <211> 300

<212> DNA
 <213> Homo sapiens

<400> 545
 taagaatcca ccaccaccca tcaattttca ggaatgggat ggtctagtaa ggataacctt 60
 tgttaggaaa aacaagacac tctctgctgc atttaaataca agtgcagtg c acaactctt 120
 ggaaaaaaac tacagaattc actgttcagt ccataatatt ataataccag aagatttcag 180
 catagcagat aaaatacagc aaatcctaac cagcacaggt tttagtgaaca aacgggccccg 240
 ttccatggac atagatgact tcatcagatt gctacatgga ttcaacgcag aaggtattca 300

<210> 546
 <211> 298
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(298)
 <223> n = A,T,C or G

<400> 546
 gaaaggacag tgctacttgt atatgaaggt tatagaacga gcggcttttc ctcggcgtct 60
 ctgggaacgg gtccggctta gtaaaaacta tgagaaagca ctggagcaaa tagatgaaaa 120
 tctgatttac tggccccggt tcattcgaca caaatgtaag cagagattca ccaagatcac 180
 ccaataccta attcgaatta caaaacttac actaaagcga cagaggaaac ttgttccttt 240
 gagtaacgaa ggtggagcgt agannnnnnn nganganang aaaaggcctt nttagctg 298

<210> 547
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 547
 agtaaatgat aattgtgccat ctgcattctc acctgggtgg gtgacaaagc aagaccctgt 60
 ctccaaatat atgtatgtat gtgtatatat atatatgcac acacacacac atatacacac 120
 atatatatat tctgaatata tatattcgtg actccccgaa ataaattcag tttatatata 180
 tgtaataaaa ttctgaagac tctacatgtg tgtgtatata tacacatata tttttgtatt 240
 aacgttaata gtaatattaa catgagttca gggattagc cagttctgtc tttcgggatg 300

<210> 548
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 548
 atcagtatga actcttaaaa catgcagaag caactctagg aagtgggaat ctgagacaag 60
 ctgttatgtt gcctgaggga gaggatctca atgaatggat tgctgtgaac actgtggatt 120
 tctttaacca gatcaacatg ttatatggaa ctattacaga attctgcact gaagcaagct 180
 gtccagtcac gtctgcaggt ccgagatatg aatatcactg ggcagatggg actaatatta 240
 aaaagccaat caaatgttct gcacaaaaat acattgacta tttgatgact tgggttcaag 300

<210> 549
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 549
 tctccttgcc tttctcctga aaggatatgag actacttgcc ttactgtcat attattgagg 60
 gaatcagcgc aaagcctgag gaaatgaaca gtagctgtgg gtcaaagcca tgtctccagg 120
 ttcacggctc actccccag gacaagccta gtaggtagt ggctgcactt ggtatccctg 180
 ggacagaaat gcaggtgaga ggggtatca agaatgcctc gagcctctag aactatagtg 240

agtcgtatta cgtagatcca gacatgataa gatacattga tgagtttggg caaaccacaa 300

<210> 550
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 550
 gaaccaagaa aatattttaa aatctaagca gtcctttgct cattaaagga taaatcagta 60
 gttaacactt tttctacaaa gaaatgggtg gcctggatgg tcgtgtaggt gagttttacc 120
 aaggattatg gtaacaaatg agtgagacct ctatggagaa aatattgaag gacattaaag 180
 aagacctcat aaatggagag agatatatca ttaatggata ggaagcctca atggcataag 240
 tatgtcagtt tctttcaaaa ctcacctatg gattcaatgt gattccaaac caaatcccaa 300

<210> 551
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 551
 gctacttggt ctttttgtag gatcccatcg attcgaattc ggcacgaggt caagcctgta 60
 atcccaacac tttgggagac cgaggtgggg gtatcgattg agcctcggag gtcgagatca 120
 gcctgggaaa cacagggagg ccccatcgcc tacaaaatat tttaaaaatt agccagggtg 180
 ggtggcctgt gcttgttgc ccggctactt gggaggctga agtgggaggg tggcttgagt 240
 ccaggagttc actgcactga gctgtgatca caccactgca ctccagcctg gacgacagag 300

<210> 552
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

<400> 552
 cgcaaactgg ctaatctctg ntananaact atgatntnec ccatnatgtt gatannaggg 60
 nccttagggg gnanatngna aaaaacctnt gaccnangcn cnatngantc aangnnttgn 120
 tactccacgt gtaatgcntc ncaaactntg ncntatngct ctgaanacnc tncgcgacca 180
 ngaanaatan anaagannct gnanannatg ctanantttt ggccnanana atgaacgagg 240
 ctaaagagat tcncttggan cnaannntg aatagantca tactttcctn tctgctagct 300

<210> 553
 <211> 297
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(297)
 <223> n = A,T,C or G

<400> 553
 aggaagttga agctgcaatg ggctatgatc gtgccactgc accccagctt gggccacaga 60
 gcaagagcct gtctcaggaa aannnnnnnn naaaantcca aaantanttn gnangttcca 120
 aattgcnngc cnttctgana aangnaatac gancnaatct tccaccntcn tactccttcc 180
 cactaanat gngaacctn tttgnccann ggntccaaac ngnatnngct acttgngngt 240
 tagnaataca ccannganan cagggnanct tttaacgnag gagggtcttn ntgggta 297

<210> 554

<211> 300
 <212> DNA
 <213> Homo sapiens

<400> 554
 ttattcaagt gtcagaatta actgttcaaa atgttctgaa tcatgtagat acatggcagg 60
 taactgttta tgggagaaaa gtacagtgtc gttacgtggc actgtacagt catgtgccac 120
 gtaacagcgt ctgggtcagt gacggacact tacctgacag cggatccaca atattctcgt 180
 gcagtgtgtt tggaatcctg gtctgggctc tcgtcgttgg cctttagat caagtagggg 240
 aagtgagtga tgttcagtca tgctgctggg acacttggtt atccagatga aaacacataa 300

<210> 555
 <211> 273
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(273)
 <223> n = A,T,C or G

<400> 555
 ctctatcttg tttattgttg atgccatctt agaggaaaa atgtaaagg aagtaattaa 60
 gcatatgaca gcaacaaata agatacttat aacctaatgg gactttattt ttagtattta 120
 tgtattacaa aaaatccacc tttctctaag ggaagtgtgt accccattga ttcttggtgc 180
 ctttgggac gactgggttt taatggccta gttatttgag gattttgctg ngntgtnnnc 240
 atggnctntn ngatnncctt nganganann nnc 273

<210> 556
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 556
 gtgccatctt gctatgtttc ccaggctggg tttgaactcc cagcctcaag caatcctccc 60
 tttccgcctc agcctcccaa gtggctgggg ttatgggcct gagccactac acagctaaga 120
 gtgtcttgta tgtgctaata agatggctgg tgtctgagag cccctagaga gcttcaagat 180
 gggggctagt ctttagaaag tccaagcaat ggctaggtat ggtggccact gcctgtaatc 240
 ccaggagttt gggaggccaa ggtggacaga tcacctagga gtttgagacc agcctggcca 300

<210> 557
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 557
 ttctcagata cctgatggat ccagacacat tcactttcaa ctttaataat gaccctttgg 60
 tccttcgacg gcgccagacc tacttggtgt atgaggtgga gcgcctggac aatggcacct 120
 gggctcctgat ggaccagcac atgggctttc tatgcaacga ggctaagaat cttctctgtg 180
 gcttttacgg ccgccatgcg gagctgcgct tcttgacact ggttccttct ttgcagttgg 240
 acccggccca gatctacagg gtcacttggg tcatctcctg gagcccctgc ttctcctggg 300

<210> 558
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 558
 gtactccagg ttgtgtttgt gaatcaagat gaacagcccg ttcaaggcca agaggctgag 60
 ggcccccccg aggtcgagg cgcggtgag gaagtcgac atgagcgtgg gctgcgccag 120
 ctgcggcagg atggcgcat gcacaatcag cagcaccttc ttgtagaggc tgaggggcag 180

cttgtgcttg	aggaagctga	gccacatggc	ctggaaaacc	ctcctgtgct	ccttcagggtg	240
agcaacctct	cgtagccgaat	tcgaatcgat	gggatcctgc	aaaaagaaca	agtagcttgt	300

<210> 559
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 559						
gaaaacatct	aactaagatg	gtttcactgg	tgaattcaat	caaataattta	aggaacacat	60
aatacaaaaa	ccataacaca	tacaaatata	tggcccttca	gattttgtac	ttctttttgt	120
gtcagtgtta	ataatacgta	tctttcaaag	aatatccccc	tttttttttg	gtagagatag	180
ggttttgcca	tggtgttggt	agcaagccct	aaccctgtca	taaacaggcc	ttaaataaac	240
tggccataaa	caggatttct	gcagcaatgg	gacatgctca	tgatggctgt	catgcacact	300

<210> 560
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 560						
acactgtccc	actccatcac	ccaggctgga	gtccagtggg	gtgatcatag	ctcgtgcat	60
cctccagttc	ctgggttcaa	gccatccctc	ctgcctcagc	ctccccagta	gctggaacta	120
cagggtgtgtg	ccatcacacc	tggctttaca	tttttctgtg	gggtcttact	atgttgccca	180
ggccggtctc	aaactcctga	gctcaagtga	tectctgcct	cagcctccag	agtatctggg	240
attacatatg	tcggctaccg	tgtctggccg	ttcacatctt	tggccactat	ttgcttgtga	300

<210> 561
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 561						
aatgagaaag	aaggaggaat	ctgaagcctt	gggtaaggat	ttggggcaca	gtaccaggag	60
gggggcttgg	tgccagacct	catgaggaag	aaggattttc	ctatgtacag	agaaggggac	120
cctgtcctgt	tgggaggtgc	tgtgcaaacc	taaccaagtt	actaaccctc	ctgttttatg	180
tgctacacaa	aggggataaa	tacaagcttc	cctctctagc	caattctatt	tggttcctga	240
gtttggaaaa	gtgatagata	ctgattttct	atgattttat	gaggacttaa	ataagctcct	300

<210> 562
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 562						
ggaggacgag	gaggaggacg	acgaagagga	ggaggaggaa	aaggaggtgg	aggagcagca	60
gcagcagctg	cagcagctaa	tatgttgtac	ttattctgtg	ctgggcaaaa	ttctggatat	120
ttttcatgta	ctatttaagc	ctcacaaaaa	tcttatgata	taggaaatgc	ttgtttccat	180
ttggcacatg	aagaaactga	agaacagaga	aatgatgaaa	cttgcgagc	gtagtctgtc	240
cagagtctgt	attttaacta	ctgctgtgtt	gcctcccatt	gcatagtgac	ttcacgtgta	300

<210> 563
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 563						
gcctattcag	ttcttggtaa	gggctgtctt	cctggcttgc	agttgaacta	cttcttgctg	60
tgtcttcaca	agcatgcccc	catcctgtgc	cgataagaac	tccagacccc	aaactcagct	120
catacacaca	cggaagagag	aagcatctga	acatcaagaa	gagaagaagc	tgctggacat	180
cagaaactgt	gaaaggagag	gagtttggct	gagctccagg	ggaagactgc	ctgcacattc	240

tatcccccttt tcagttcccc atcctgctgt cagccacatt taccactcaa taaaatcttc 300

<210> 564
<211> 299
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(299)
<223> n = A,T,C or G

<400> 564
gagaagccaa gggagaggag gaggaggaaa ctaacgattc cctgcccacc cccacaccca 60
gcaccaccaa cagggtgggca agcttgccga gaaaacgcag agggcatcct gtgagcagca 120
aacactctga gnnnnnnnaa gacgcagaga agtaaagatc aaagcgctac tncangatcc 180
cgtaccagac tcaagccatg gctggtccct tctccgtctg ctgtccgccc gcccggaactc 240
agcttctggt tttggccgag cgggtcttac ccgtgggttt ctgctccgac ggaacctgt 299

<210> 565
<211> 300
<212> DNA
<213> Homo sapiens

<400> 565
cttgagccca ggagttcaag tccaacttgg gcaacatgac aagacccttg tctctttaa 60
aaagcaactc aaaccatgtc ttgaaaagct atttaatggt cagacacgat ggctcacgcc 120
tgtaatccca gcactttggg aggccgaggc aggcggatca cttgaggtca ggagttcaag 180
accagcctgg ccaacatggc aaaaccagct ctctactgaa tgaaaatata aaaattagct 240
ggcctagcag ttggtggtgg cagggtgctg tagtcccagc tacttgggag gctgaggcag 300

<210> 566
<211> 300
<212> DNA
<213> Homo sapiens

<400> 566
attttgcttc cttgctcta gagagagtat caaggcccag ggggccaccg gcgagggtgta 60
ttgcccagc ggagagaaat gccccctagt cgggtcgaat gtaccttggg ccttcacgca 120
gggcgaaatc gcgactatct tagctgggga tggttaaagtg aaaaaggaga gagacccttg 180
aaccactggg cagccacctc ctttgcccta gaccagctcc tctccaatcc tgagggcccc 240
tcccccaacc caactcgacc ctccctcccc tcaccccaa ggtgtagaat tgtgaatata 300

<210> 567
<211> 300
<212> DNA
<213> Homo sapiens

<400> 567
tcaagtgtca gaattaactg ttcaaaatgt tctgaatcat gtagatacat ggcaggtaac 60
tgtttatggg agaaaagtac agtgctgtta cgtggcactg tacagtcatg tgccacgtaa 120
cagcgtctgg gtcagtgcg gacacttacc tgacagcggg tccacaatat tctcgtgcag 180
tgtgtttgga atcctggtct gggctctcgt cgttggcctt gtagatcaag taggggaagt 240
gagtgatgtt cagtcatgct gctgggacac ttggttttcc agatgaaaac acataataa 300

<210> 568
<211> 300
<212> DNA
<213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)..(300)
 <223> n = A,T,C or G

<400> 568
 gctcttggtc tttntgcagg atccttcgat tcgtttaagg aaaaccagca aataacaaga 60
 aaaccattta atgtaaagat ttgtaaataa tcacttcaaa agaagtcct tggctgctgc 120
 acatttagtc catcttcata taattcttat ctgggccagt ttcttgggca tgggacatgt 180
 gcagttacac aagcctgtgc tcttaagagg gtcttaccca tagtttaatg ttctgctggt 240
 gtagtcttga aattcttaat gatttaacaa ggggtcctcc attttcattt tgcactgggc 300

<210> 569
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 569
 aagcagcttg gggctcactc cccctccacc ttgctgacca cctcatgtt ctttaataacc 60
 aagtacttcc tattgaagac agtggaccag cacatgaagc tggccttctc caaggtcttg 120
 cgacagacaa agaagaaccc ctctaataccc aaggataaaa gcacgagtat ccggtacttg 180
 aaggcccttg gaatacacca gactggccag aaagttacag atgacatgta tgcagaacag 240
 acggaaaatc cagagaatcc attgagatgt cccatcaagc tctatgattt ctacctcttc 300

<210> 570
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 570
 cccaggatga actggttgca gtggctgctg ctgctgcggg ggcgctgaga ggacacgagc 60
 tctatgcctt tccggctgct catcccgctc ggcctcctgt gtgcgctgct gcctcagcac 120
 catggtgcgc caggtcccga cggctccgcg ccagatcccg cccactacag ggagcgagtc 180
 aaggccatgt tctaccacgc ctacgacagc tacctggaga atgcctttcc cttcgatgag 240
 ctgcgacctc tcacctgtga cgggcacgac acctggggca gtttttctct gactctaatt 300

<210> 571
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 571
 gttgctttca aaagacacat atcaccatag tacatgtaat aacacacata ggctcaaagt 60
 aaaggggtgg cgaaagatct gttatgcaga tggaaaaaaa gatcaggggt cactattctt 120
 gtatcagata aaacagactt tttaaatcaa caacagtaga aaaaggacta gggcattaca 180
 taatgaagaa gggttcaatt caacaagatt tctctatac acaccaaga ttggagcact 240
 cagattttcta aaactattat ttctagacct aggaaaagaa ttaaaccggc acataataat 300

<210> 572
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 572
 gaaagaccga gatagagaga gagacagaga cagagagcga gaccgtgatc gggacagaga 60
 aagagaacgc accagagaga gagagaggga gcgtgatcac agtcctacac caagtgtttt 120
 caacagcgat gaagaacgat acagatacag ggaatatgca gaaagagggt atgagcgta 180
 cagagcaagt cgagaaaaag aagaacgaca tagagaaaga cgacacaggg agaaagagga 240
 aaccagacat aagtcttctc gaagtaatag tagacgtcgc catgaaagtg aagaaggaga 300

<210> 573
 <211> 300

<212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

<400> 573
 ggctgcgagg ttttcggctt tggctcctga tatgcagcga cagaattttc ggcccccaac 60
 tcctccttac cctggtccgg gtggaggagg ttggggtagc ggaagcagct tccggggaac 120
 cccgggcggg ggcggaccac tgccgacctc tnnnnnnnnn nggnacggna ntacnaataa 180
 cncncaccg tacgcgcct natcnnggnc ntaccgtnc aggtgctnn naagntncac 240
 caggccctaa ccggggttct ggcngancnc aatggccctg aangacgccg ncnagcaccg 300

<210> 574
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 574
 agattatgag catgtagaag atgaaacttt tcctcctttc ccacctccag cctctccaga 60
 gagacaagat ggtgaaggaa ctgagcctga tgaagagtca ggaaatggag cacctgttcc 120
 tgtacctcca aagagaacag ttaaaagaaa tatacccaag ctggatgctc agagattaat 180
 ttcagagaga ggacttccag ccttaaggca tgtatttgat aaggcaaaat tcaaaggtaa 240
 aggtcatgag gctgaagact tgaagatgct aatcagacac atggagcact gggcacatag 300

<210> 575
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 575
 gtccgaagaa aaagactgtg gtggcggaga tgctctctcc aatggcatca agaaacacag 60
 aacaagtttg ccttctccta tgttttccag aaatgacttc agtatctgga gcatcctcag 120
 aaaatgtatt ggaatggaac tatccaagat cagcatgcca gttatattta atgagcctct 180
 gagcttcccta cagcgcctaa ctgaatacat ggagcatact tacctcatcc acaaggccag 240
 ttcactctct gatcctgtgg aaaggatgca gtgtgtagct gcgtttgctg tatctgctgt 300

<210> 576
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 576
 aagagaagct gagacttctg cttccacacc ccctgcaagt gctttcttga aggcctgggt 60
 gtatcggcca ggagaggaca cggaggagga ggaagatgag gatgtggata gtgaggataa 120
 ggaagatgat tcagaagcag ccttgggaga agctgagtca gacccacatc cctcccaccc 180
 ggaccagagg gccacttca ggggctgggg atatcgacct ggaaaagaga cagaggaaga 240
 ggaagctgct gaggactggg gagaagctga gccctgcccc ttccgagtgg ccatctatgt 300

<210> 577
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

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<400> 577
actcgagacg ctgaggcagg agaatcgctt gaacccggga ggcggagggtt gtagtgagct      60
gagatcgtgc cactgcaccc cagcttgggc aacagagcaa aactctgtct ttaaaaaaaaaa      120
annnnnnnnn nnnnnaacaa acaancaaaa aaaaccttat atggngctggg ctgggagctgg      180
ngccttatgc ccacaatccc agcnttttgg nagggccagga tgggaggatn acttganccc      240
anaantttga naccagcctg ggctacanag tanggcccn tntntacaaa aaaaccttaa      300

```

```

<210> 578
<211> 300
<212> DNA
<213> Homo sapiens

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```

<400> 578
ggtagactgg ctagggatcc tggacccagg gttccacgta gcaacacctg ctgagttctc      60
tggtttttct tcctgcctca tgtagcccag acttggagct gaagaagctg gaaacatgga      120
aacaccaaca gctacagacc aaaaaaagtc ccaacaaagg cctgtcagtc tgccagcctg      180
ttctgtggat ttccaactca agattgcagc atcaactcac acctgaagtt ctggcttccc      240
tacaaacttt gaacttgcca gtccccacaa tggcataagc caattcctta aatgaatgt      300

```

```

<210> 579
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(300)
<223> n = A,T,C or G

```

```

<400> 579
ggcagaccat ccacatcagt ttcagagaaa aacaataatc ttgtttgtgc cgtgatgaag      60
aggactgaca gctagcagca gaaacaatag tcacggagggt tgagaacagg ctggttaaca      120
tggtgaaatg ccatctctat taagaatata aaaattagct aggtatggtc gcagacacct      180
gtaatcccag ctcttggga ggctgagggtg nnnnnnnnnn ttgaaccnng gagnggnag      240
ctgctgtnnn cnngactcgn natatnactg cacctggng actgcagtga anctttatct      300

```

```

<210> 580
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 580
atacactgca tttgctggtg ctgtttttat atagtgaagc aacagctgta cagcaaaata      60
ataaaataact cacttcttcg ttaaaaaaaaaa aaaaatttac ttcttacaat tctggaggcc      120
aggaagacca tgatcagggt ccagcatctg ggaagggcct tcttgctgtc ctcccatggc      180
agaagatgga agggcaaggg agagctaaca tgctcccga aaccttttt ataatggcat      240
caatcaaata tgaggccaga gtccttgtga cctaatactc tcccaaaagg ctccgcctcc      300

```

```

<210> 581
<211> 283
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(283)
<223> n = A,T,C or G

```

```

<400> 581
gtcctaaagc cgctgaagca aaaaccatga taaaacattc tgctttcttt tcttttacaa      60
ccccacgaac gcaaaaaaaaa aaaaaaccaa aaccaaacca aaaaaaaaaa nnnnnnnnnn      120

```

nnnnnnnnnt	nttngnngna	aaaanggggt	ttgnncnngg	nannaaccan	tnnaantnna	180
aanntnncaa	anaggggtna	nctttntnnc	tnancttttn	aaaangttna	tnnnaatnnc	240
cngnnaaanc	cancnnggtg	tngccntnna	aaggtnacct	aaa		283

<210> 582
 <211> 283
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(283)
 <223> n = A,T,C or G

<400> 582						
cccaacnata	gccntttcna	nnnttaaagg	tttttgnant	nctgggccnt	ncngacgtna	60
nncctnancn	nttttttaag	cnggtttgcc	nngggnnncg	gtggnnmntn	nggggtnttt	120
ggttnctggg	ggcnanancn	acttncctnc	cccgggccat	ncntnnnnnn	nnntgtagga	180
aagttcttca	cttttttctc	tgagggtcgg	gggttggggg	agtcagcatg	attatatattt	240
aatgtagaaa	atgtgacatc	tggatataaa	atgaaaataa	atg		283

<210> 583
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 583						
gtcgtcttta	atttgtctca	tcagtgcctc	catgtgtttt	tgatgccttt	gaactgggtat	60
ttttaaaatt	tcaatttcta	attgttcatt	atagaaacac	aattgggttt	tatatattgg	120
cattgtattt	tgcaacttct	ctaaactcac	tagtaattct	agtagctttt	tttggtagat	180
tcttaaggat	tttctgtgta	aatagtcatg	tcatttgtga	ataaagccat	ttttttttcc	240
ttttcaaatt	ttgtgccttt	tatttcttat	tcttaccata	tcacattggc	aaagacctcc	300

<210> 584
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 584						
aaaaatggaga	agccaaaatt	acagaggcac	cagcttctga	aaaagaaatt	gtggaagtaa	60
agaagaaaaa	tattgaagat	gccacagaaa	agggaggaga	aaagaaagaa	gcagtggcag	120
cagaagtaaa	aatgaagaa	gaagatcaga	agaagatga	agaagatcaa	aacgaagaga	180
aagggaagc	tgaaaaagaa	gacaaagatg	aaaaaggga	agaagatgga	aaagaggata	240
aaaatggaaa	tgagaaagga	gaagatgcaa	aagagaaaga	agatgaaaaa	aaggtaagac	300

<210> 585
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

<400> 585						
gtccagaaat	actctgatac	tagctatggt	cagcaacatt	taatgaaaac	ccttatgtta	60
aaaataaacc	cctgcctcct	ggcttcaagc	gattctcctg	cctcagcctc	ctgagtagct	120
gggagtatag	gcacgtacca	ccacaccag	ctaatttttt	gtattttttac	tagagatggg	180
tttcacagtg	ttagccagga	tggtttcgat	ctcctgacct	catgatccga	ccgcctaggc	240
ctccagagt	gctgagatta	caggcgtgag	tcaatgtgac	cggcctcnnn	atgttaggaa	300

<210> 586
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 586
 caagggcctc tggatggaat gtgccacaca cagcacaggc atcacccagt gtgacatcta 60
 tagcaccctt ctgggcctgc ccgctgacat ccaggctgcc caggccatga tggtgacatc 120
 cagtgcatac tctcccttgc cctactttctc aagcttccct ccaaagaaac tgattggccc 180
 tggaaacctc atcccactct tgttatgact ccacagtgtc cagactaatt tgtgcatgaa 240
 ctgaaataaa accatcctac ggtatccagg gaacagaaag caggatgcag gatggaggac 300

<210> 587
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 587
 ggactaactt acagaggagc tgtgtatcct gaagattcag cgactggcaa ggaatttctt 60
 tgggagcaat gtgtgagggg ggccatctga ggagatctgt ggctttcttt tgttgaggga 120
 atctggctta tggatgaatc tacgacacag gattgtgaaa ttacagctct ttgggaacaa 180
 aaggaaggca gtattgcatg acttagtttc ccagcttcac tttccctttg gcatgggtgag 240
 tttgggtct tgagagtcta ttttctttca caccatcag cactgttaag taagcaggaa 300

<210> 588
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 588
 aaaaacctg gtatgtatct agaagtggaa aaacaaaaaa aggaaataag ttatgaaaat 60
 aaaaaccatg tcttgagctg ggtgcgctgg tgtgtgccta tatccctaga ttctcaagag 120
 gttgagacag gaggatcact tgagcccagg agttcaagtc caacttgggc aacatgacaa 180
 gacccttgct tctttaaaaa agcaactcaa accatgtctt gaaaagctat ttaatggtca 240
 gacacgatgg ctacgcctg taatcccagc actttgggag gccgaggcag gcggatcact 300

<210> 589
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 589
 cctctactc ccaaacaat ctttggggaa aaaaaaacta ccaactgtca gccatgggccc 60
 tgacggcgt aagctctggg gctccgtgca ctgacgtggg gccagccaca gggaggcggg 120
 gatcaagtag cggaggccag gattttggcc acctccggg caagttgcag ggcagtggcg 180
 ccgggagcaa aagcagcatg atgcagctca tgcacctgga gtccttttat gaaaaaacct 240
 cctcctgggc ttatcaagga agatgacact aagccagaag actgcatacc agatgtacca 300

<210> 590
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 590
 ggggcggagg cgggagaggc gagctcgcga tgagtgtct cggcaggctc ttcgggaagg 60
 ggaagaagga gaaagggcca acccctgaag aagcaatata gaaactgaag gagacagaga 120
 agatactgat caagaaacag gaatttttgg agcagaagat tcaacaggag ctacaaacag 180
 ccaagaagta tgggaccaag aataagagag ctgccctaca ggctttgagg aggaagaaaa 240
 gattcgaaca gcagctggca caaactgacg ggacattatc caccctggag tttcagcgtg 300

<210> 591
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 591
 gagaagctga cgggcatgtg gtggaaacag ctggtggccg gcgcagtggc aggtgccgtg 60
 tcacggacag gcacggcccc tctggaccgc ctcaaggtct tcatgcaggt ccatgcctca 120
 aagaccaacc ggctgaacat ccttgggggg cttcgaagca tggtccttga gggagggcatc 180
 cgctccctgt ggcgcgga tggattaat gtactcaaga ttgccccga gtcagctatc 240
 aagttcatgg cctatgaaca gatcaagagg gccatcctgg ggcagcagga gacactgcat 300

<210> 592
 <211> 275
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(275)
 <223> n = A,T,C or G

<400> 592
 gaaatgtgta tttcagtgac aatttcgtgg tctttttaga ggnnnnnnnn nnnatatacct 60
 tggctttnta ggcnatatgc tcanagtgcg acagcggnac cntgccctca natncttacn 120
 naagcttttga ntaggncat nnnnngctac ntccctgaan tctnccnnc cctcactggc 180
 tgccctnaca ngccanctga cgantgncct taaaggcatt aacnccntc nnttgggng 240
 tctcnggct tanggaganna agaggtggct cttga 275

<210> 593
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 593
 tgacattgtc agtgtgaaat ttaacagact ttggtttttag gagttagggt taggttgcag 60
 acctaaagtt gcagttgaca tgccttgtt ttataggagg atatacatcc tgaaagtttt 120
 agggactggc aaagaattta ctgctgagca atttgtgatt gcagtcacct ggagattcat 180
 gaggtttttt gcctttttgt ggggatctgg ttaatgcata atattttgac acaagggttc 240
 aaggtaacag gtatccattt gggaaaagaa tgacagtgtt ggagaacatt agttctgcag 300

<210> 594
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

<400> 594
 acctaaagact gctttgaaac ataaagtaat aatnaaanaa atgggctggg tgtgggtggnt 60
 tatgcttata atcctagcnc tttgggaggc tgaggcggga ggatcntttg agctcaggag 120
 ttttagaccn gtttgggcgg tcccagttat caggaggctg aggtgagagg gattacttgt 180
 gccagaggag tcaaggctgc agtgagctgt gattgtgcca ctgtactcca gccctggcaa 240
 cagagagaga accctgtctc aaaagaaagg gggggggagg aacggaggaa gggaaggagg 300

<210> 595
 <211> 300
 <212> DNA

<213> Homo sapiens

<400> 595

attatggtgg	aaggggaagc	aaatgcccta	cttcacatgg	tggcaggaag	gagaagaatg	60
agaaccaa	gagggagaag	ccccttataa	aaccatcaga	tcttgtgaga	acttactatc	120
atgagaatag	catgggggaa	actgccctgt	gattcaatta	cttcccacta	ggtcactccc	180
accatacatg	gagattatag	gaactacaat	ttaggatgag	atttgggtgg	gaacacagcc	240
aaaccatatc	aagtattaac	agcagaatta	accaagctga	ggaaagactc	tcagagctca	300

<210> 596

<211> 300

<212> DNA

<213> Homo sapiens

<400> 596

gcataacgaa	cctaaccctc	agaggtttac	caagattcaa	aacacgaagc	tgaccatgaa	60
gcgggacggc	attgggtcag	tgcggtacca	ggctctggag	gtgtctcggc	aaccactctt	120
caccaatatc	acagtggaca	ttgggcggcc	tccgtcgtgg	ccccctcggg	gctgacacta	180
atggacagag	gctctcgttg	ccgaagattg	cctgccagag	gactgaccac	agcctggctg	240
gcagctgctc	tgtggaggac	ctccaggact	gagactgggc	tctgttttcc	aagggtcttc	300

<210> 597

<211> 300

<212> DNA

<213> Homo sapiens

<400> 597

agacaaccca	gaaacaaatt	catacatcta	tggtgaccac	ttttgacaaa	ggaatgaaga	60
acatacactg	gggaaaagat	aatgtcttta	ataaatgggtg	ctgggaaaac	tggatatcca	120
tatgcagaag	aatgaaacta	gacccccatc	tcttagcata	tacaaaaatc	aaaattaatt	180
aaaaagttaa	atctaagacc	tcaaactatg	aaacagctaa	aagaaaacat	cggggaatct	240
ctccaggaca	ttggagtggg	caaagatttc	ttgtgtaata	cctgacaaac	aggcaaccaa	300

<210> 598

<211> 300

<212> DNA

<213> Homo sapiens

<400> 598

ggtatttgtt	cttgaaccac	acccgttcga	tccatagagt	ctcttttctg	ctgggtcatga	60
tggaaacgtg	atagtgtggg	atctggcaag	aggagtcaaa	atacgatctt	atttcaatat	120
gattgaaggc	caaggacatg	gcgcagtatt	tgactgcaaa	tgctctcctg	atgggtcagca	180
ttttgcatgc	acagactctc	atggacatct	tttaattttt	ggctttgggt	ccagtagcaa	240
atatgacaag	atagcagatc	agatgttctt	tcatagtgat	tatcggccac	ttattcgtga	300

<210> 599

<211> 300

<212> DNA

<213> Homo sapiens

<400> 599

agaaagatca	ctgctgttta	cagcgccttg	tgcagcctta	gattttaata	ttcttttgtc	60
attgttacat	ctcatagagt	aaagctctta	ttaccttgat	cctgagtcag	aaatcccacc	120
tgaatcacc	ttttttcccc	cttgatcaaa	catcccatcc	ttcagctacc	atactgttgc	180
tacagggatt	ttgtggactg	tggccctgt	cccaggttg	gcaccttcag	ttcagcacag	240
cctgagcagt	gagaaggctc	gaaaggagag	tatatagtta	agatccttga	gaaagggctg	300

<210> 600

<211> 300

<212> DNA

<213> Homo sapiens

<400> 600
 tttggattga ttcaggagaa atttgactg atggctcaga aggcttacgt catggagagt 60
 atgacctacc tcacagcagg gatgctggac caacctggct tccccgactg ctccatcgag 120
 gcagccatgg tgaagggtgt cagctccgag gccgcctggc agtgtgtgag tgaggcgctg 180
 cagatcctcg ggggcttggg ctacacaagg gactatccgt acgagcgcat actgcgtgac 240
 acccgcatcc tcctcatctt cgagggaacc aatgagattc tccgatgta catcgcctg 300

<210> 601
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 601
 ggatattcat taccctgaga atgaaatgac ctgcaattcg aaaatcagct gtatcagttg 60
 gagtagttac cataagaacc tgtagctag cagtgattat gaaggcactg ttattttatg 120
 ggatggattc acaggacaga ggtcaaaggc ctatcaggag catgagaaga ggtgttgag 180
 tgtagcttt aatttgatgg atcctaaact cttggcttca ggttctgatg atgcaaaagt 240
 gaagctgtgg tctaccaatc tagacaactc agtggcaagc attgaggcaa aggctaattg 300

<210> 602
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 602
 gccttttgtg ggggtctcata cataactcag tttccacaaa gctgtgcccc agtcagccc 60
 tatggataga agcatggtct ggggttcctt tgctgaccag ggtgtgtgct ttgtccaagt 120
 tactgacctt cccaaacctc atcaatgcac ataaaaagag cacttgcaaa caatgaatct 180
 agacatggac cttcacaaaag aaataactca aaatggatcc caggcctaaa tgaaaaatga 240
 aaaactataa aactcctaga agataacata aaagaagatc tagatgacct aggggttggc 300

<210> 603
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

<400> 603
 ttaatatggg aacnccngtt tctaactgtc atcnccccc ccccaacacc cccaanncag 60
 cagttttntt caccgctgc agccgttccg tnccaaacan agggccncnc ananncccn 120
 cgntntatat aaggaggaaa acgggaaaga atataaagtt aaaaaaaagc ctccgnttc 180
 cnctactgng tanactcctg ntttttcaag cncctgcaga ttttgatttt tttgntgntg 240
 ttgtntnccn ccnttgctgn tgntgcaggg gtactattgt ttaaaaacag gaaaaaaat 300

<210> 604
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 604
 cttactttga tcctcgtgag gcatacccag atggaagtag caaagaaaag agaagagcag 60
 cagttgccca ggcttagct ggcaagtca gtgtggtgcc tccatctcgt ctcatggcat 120
 tgctgggaca ggcaactgaag tggcagcagc atcagggatt gcttcctcct ggtatgacca 180
 tagatttggt tcgaggcaag gcagctgtca aagatgtgga agaagaaaag tttcctacac 240
 aactgagcag gcatattaag tttggtcaga aatcacatgt ggagtgtgct cgattttctc 300

<210> 605
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

<400> 605
 gaacattcgg actcgagata atcgctgcct tggggagtg gacttgcctg aggctgtgca 60
 gctgactggg ggagctaccg aacacgaggg tcccatatgc ccgaagaaaa tttctggccc 120
 tttgtacata catgacgccca accactgcga gtgccatcag ctctctcttg ttgnnnnnnn 180
 cccccggnat gntgacgntg nngannnctt anaccntttt nnnnctnnga aaggaggntt 240
 gattgcngnt nccctgagat ntggcttccc aagagcactt attgaccctt cctcaggcct 300

<210> 606
 <211> 298
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(298)
 <223> n = A,T,C or G

<400> 606
 cccccggant aaggntgnnn tatnntnnc anaaaaaann gggncnatna tngntcgng 60
 aaggntnnng aacaacaagg actgcntnat tggaagnngn cncaggnttg aanccaaagn 120
 taaangagtg aatnaggtgn tnntggggaa tgaccngctc atggagatnt gagttctgag 180
 caagtcagac tccttccttt tggcctccaa agccacagat gttgcccggc ccacctgttt 240
 aactctgtat ttatttccca ataaagaagg gtttccaaag gcatgctgga gacttggtg 298

<210> 607
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 607
 atggtgtttt cacctggaag ctgagaagaa aggggcttta atggaacaaa tagcacatca 60
 agctgttgta atgcagttta ttatggaaat ggccaaaaac tgtaatgtgg atccaagagg 120
 gtgttttcgt ttatttttcc agaaagccaa agcagaggaa gaaggttatt ttgaagcatt 180
 caaaaatgaa cttgaagctt tcaagtcaag agtaagactt tattctcaat cacaagttt 240
 tcaacctatg acagttcaga atcatgttcc ccattctggt gttggatcta taggtttatt 300

<210> 608
 <211> 296
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(296)
 <223> n = A,T,C or G

<400> 608
 atccagggtg ttctgatgca cagtgaaatt ggggtaccac tgggtattagg ttgggtatgg 60
 caactttttc atcacttggt ttatgtagtt gtctgatcaa ttgtgaaaac ataataaatg 120
 ttggaaatgg aacagtaaaa taacgaaagc caactttttt tttttttttt ttnnnnnnnn 180
 nnnnnnnnt tnnccccng ncngnanngc aggggcccaa nntnggntnn ntgnanccnc 240

cncncnccggg nttnnnccctt ttntcnngcc taaccncccc nagnacnngg aactac 296

<210> 609
<211> 300
<212> DNA
<213> Homo sapiens

<400> 609
cgacaatcag tgattttgct gtattttctca caatagtaat aatgggttaca attgactacc 60
ttgtaggagt tccatctcct aaacttcatg ttcttgaaaa atttgagcct actcatccag 120
agagaggggtg gatcataagc ccactgggag ataatccttg gtggaccta ttaatagctg 180
ctattcctgc tttgctttgt accattctca tctttatgga tcaacaaatc acagctgtaa 240
ttataaacag aaaggaacac aaattgaaga aaggagctgg ctatcacctt gatttgctca 300

<210> 610
<211> 300
<212> DNA
<213> Homo sapiens

<400> 610
agaataacta ccagacaaca tttgttaaaa ctcaggacag tatgtatttt aaataagcaa 60
gtgcatgtgt gaaaatggct cattcagttt ataaaatatt acattaaatt tgaggtttct 120
gttttttttc tttgtgaca gtcttgctct gtccccatg ctgtattgca gtggtccag 180
ttcacctcac tgtaacttcc acatcctggg ttcaagcaat ttgtgcctca gcctccaag 240
tagctgggat tacagtcacg ccaccatgct cagataattt ttatattttt ttgtatagat 300

<210> 611
<211> 300
<212> DNA
<213> Homo sapiens

<400> 611
agatgggtta aaacttaaat gtcacatctg aaacagtaaa aatcctagaa gaaatcctag 60
gaaaaactct tctggacatt ggcctaggca aagaatttat gatgaagacc tcaaaagcaa 120
acataacaaa accaaaaata gacaaatgag atttaattag aaaaacttct gcacagtaaa 180
agtaataatc aacagttaat agacaaccta tagaatggga gaaaatatat gtaaattata 240
catctgacaa agaactaata tccagaatct acaaagaact caacaagaaa aaaaccaacc 300

<210> 612
<211> 300
<212> DNA
<213> Homo sapiens

<400> 612
tcttggtgt taggatttgt tcgtgtttgg gagaccttta gagcgtgggt aaaccatata 60
gttgggattt atgctgcttt tatggttagca ataccctata ttaagatttg aagtagaccc 120
ggaaagttag tggccggtta gctcagttgg ttagagcgtg gtgctaataa cgccaagggtc 180
gcgggttcga accccgtacg ggccagtggt tggctttttt ttgtgtgtgt tttgttttct 240
gacctctgc tggtatccgg aagtttctac ccggagccag ttgccttctg gtaacagaat 300

<210> 613
<211> 300
<212> DNA
<213> Homo sapiens

<400> 613
aaaacataat ttctgtttca tggagatgaa tacaaggctg caagtggaac atcctgttac 60
tgagatgatc acaggaactg acttggtgga gtggcagctt agaattgcag caggagagaa 120
gattcctttg agccaggaag aaataactct gcagggccat gccttcgaag ctagaatata 180
tgcagaagat cctagcaata acttcatgcc tgtggcaggc ccattagtgc acctctctac 240
tcctcgagca gacccttcca ccaggattga aactggagta cggcaaggag acgaagtttc 300

<210> 614
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 614
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 aagcatctgt agggaaatcca gaaggagcgt tcatgaagat gttacaagcc cggaagcagc 120
 acatgagcac tcagctgact attgagtcgg aggcgccttc agacagcagt ggcacaaact 180
 tgtcaggctt tgggggtgat cagcttgaaa ttcagctaac cgagcagcta cggtcctca 240
 tccccaacga ggatgtgaga aagttcatgt ctcatgttat ccggaccttg aaaatggaat 300

<210> 615
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 615
 tgggacatgc tcatgatggc tgtcatgcac actgcgaaaa gttgttggtt tactggagca 60
 gggcaaggaa cacctggccc cgcccggagc aaaaaactgc tcaaaccaca aacgatagca 120
 ggaaaggcct gtgccttggc agcatgtttt tgctgcagat aatcagccag agcctgtttc 180
 tctgtccttc gctgagattg ctttgtttcc cataaagatt gcttttagct aatctacaat 240
 ctatagaagc aatgcttatc actggccttc tgtcaataaa tgtgtgggtc aagctctgtt 300

<210> 616
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

<400> 616
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 tctgcacgcc cgcccgaag ctgctctggc tgggtctgca gcccttcttc tactcactac 120
 ggccgctctg cgtccacccc aaggccgtga cccgcatgga ggtgctcaac acgctgggtg 180
 agctggcggc cgacctggcc atctttgccc tttgggggct caagcccggtg gtctacctgc 240
 tggccagctc cttcctgggc ctgggcctgc accccaatng gggccacttc gtggccgagc 300

<210> 617
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

<400> 617
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 ctcatatgag tgagaaagct taccagtgc gcaatgtgg gaaagccttc cgagggcact 120
 cggacgtttt ctaggcacga gagtcaccac agcagtgcga ggccttatat gtgtaatgaa 180
 tgtggaaaag cttcagcca gaactcgagc cttaaaaagc accaaaagtc tcacatgagt 240
 gagaagccct atgaatgcaa tgaatgtggg aaggctttta ggcggagctc aaacctcatc 300

<210> 618
 <211> 300

<212> DNA

<213> Homo sapiens

<400> 618

ccccaacctg	cactctaccc	acccccatca	cctactccag	ctcccaactt	ttgtggactg	60
agcggccgca	gagactgggt	cgccttggat	tccctctgcc	tccgaggacc	ccaaaagaca	120
cccccaaccc	caggccagcc	ggccttgctc	tggcgcgtcc	aaaatactac	ctagcacagg	180
cctctgctcg	aggcaccccc	aaactaccta	tgtatccagc	cccagagggc	ctccattccc	240
aggaagtccc	tatgtatccc	aacactggca	gacaccagc	accaccctcc	cagaccgcga	300

<210> 619

<211> 300

<212> DNA

<213> Homo sapiens

<400> 619

aattccgttg	ctgtcgaatt	gttcctgtcc	tgccccaact	gatcaatcga	ccttgtgaca	60
ttcttcttct	ggacaatgaa	tcttatgata	tccccaccat	ggaccctgtg	acccctcct	120
ctgtgacaa	tagataacca	cctctaactg	taacattcca	ctgcctacct	cagtctata	180
aagtgcccc	tctctatct	accttcgctg	actctctttt	cgtactcagc	ccacttgac	240
ccaagtgaat	aaacagccct	gttgctcaca	aaaaaaaaa	aaaaaaaaa	aaaaaaaaa	300

<210> 620

<211> 300

<212> DNA

<213> Homo sapiens

<400> 620

agaatacaag	ctacttgttc	tttttgagg	atcccatcga	ttcgaattcc	gttgctgtcg	60
aattgttct	gtcctgcccc	aactgatcaa	tgcacctgtg	gacattcttc	ttctggacaa	120
tgaatcttat	gatctcccca	ccatggacc	tgtgaccccc	tcctctgctg	acaatagata	180
accacctcta	actgtaacat	tccactgcct	acctcagtc	tataaagctg	cccctctcct	240
atctaccttc	gctgactctc	ttttcgact	cagccactt	gcaccaagg	aataaacagc	300

<210> 621

<211> 300

<212> DNA

<213> Homo sapiens

<400> 621

actatagaat	acaagctact	tggtctttt	gcaggatccc	atcgattcga	attccgttgc	60
tgctgaattg	ttcctgtcct	gcccactg	atcaatcgac	cttgtgacat	tcttcttctg	120
gacaatgaat	cttatgatct	ccccaccatg	gacctgtga	ccccctctc	tgctgacaat	180
agataaccac	ctctaactgt	aacattccac	tgcctacctc	agtcctataa	agctgcccct	240
ctctatctta	ccttcgctga	ctctcttttc	gtactcagcc	cacttgcacc	caagtgaata	300

<210> 622

<211> 300

<212> DNA

<213> Homo sapiens

<400> 622

gtgggagggg	gtagggggag	gaagtctgtg	gtgagcaaag	tttgccttat	tacactgata	60
aagtgtaat	acactaataa	agctggatca	cctgagggtta	ggagtttgag	agcagcctgg	120
ccaacatggc	aaaaccctgt	ctctactata	aatacaaaaa	ttagccaggt	gtgggtggcag	180
ggcacttgtg	atcctatcta	ctcgggaggc	tgaggcagga	gaatcgcttg	aaccaggt	240
gtaaaggttg	cagttagcca	agatcatgcc	actgcactcc	agtctgggtg	tcagaatgag	300

<210> 623

<211> 300

<212> DNA

<213> Homo sapiens

<400> 623

caatctcaaa	gctggtcgag	aaaccacagt	ataaatcagt	tactggacaa	acttgaaatc	60
atggtggaag	aaacagacag	tgtagctca	tgatttgatt	tggttctacc	tttggccttg	120
agttcttatt	atttacatta	taaataattaa	ctggttttat	attgtaaga	caaaacactg	180
gtaaaagttt	caacacctcc	cttttgcttg	tataccataa	atgggcagtt	tctgaaattt	240
tggataaagc	atcaagaact	cctttttctg	aaacgttcct	ccttttttag	tgccataatta	300

<210> 624

<211> 261

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(261)

<223> n = A,T,C or G

<400> 624

gtgaaagagt	tcatgacctc	cttgcgccgg	gcctggtgct	ctgcgatcaa	gggctgcaga	60
acctgtatga	gtgccttctt	gagctcaccg	gtgagcatgg	ctccgctggt	gtaatccttc	120
ctgatctgct	cgagcttgtn	nnnnacctgg	aggnntangg	tatnnnnncat	nnntnanang	180
cncgnatnat	nctgnancta	cncngtctgn	nacggtattn	angncnantn	ctatnatgna	240
annnannntn	ngngnctntn	c				261

<210> 625

<211> 298

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(298)

<223> n = A,T,C or G

<400> 625

tttttttgag	acggagtctt	gttctgttgc	caggctggag	tgcggtggtg	caatctcagc	60
tacttgcaat	ctccacctcc	tgggttcaag	aggttctcct	gcctcagcct	cctgagttagc	120
cggggagcta	caagcatgca	ccaccacacc	cagctaattt	tttttttttt	nnnnnnnnnn	180
nnnnntgtc	ncccgagctt	gagtgcaggg	gencnatctn	ggntnantgn	aanntntgtc	240
tccnggggtt	atgcctttct	cctgnttnan	cntcccnant	antcccagga	ntagctgg	298

<210> 626

<211> 300

<212> DNA

<213> Homo sapiens

<400> 626

ggtaaggatt	tggggcacag	taccaggagg	ggggcttggt	gccagacctc	atgaggaaga	60
aggattttcc	tatgtacaga	gaaggggacc	ctgtcctggt	gggaggtgct	gtgcaaacct	120
aaccaagtta	ctaaccctc	tgttttctgt	gctacacaaa	ggggataaat	acaagcttcc	180
ctctctagcc	aattctat	ggttcctgag	tttgaaagt	gatagataet	gattttctat	240
gattttatga	ggacttaa	aagctcctat	ggaaagtgtt	ttgtgcagtg	ccgtgcccat	300

<210> 627

<211> 300

<212> DNA

<213> Homo sapiens

<400> 627

gcgacatctg	tcacccatt	gatcgccagg	gttgattcgg	ctgatctggc	tggctaggcg	60
ggtgtcccct	tctccctca	ccgctccatg	tgcgtccctc	ccgaagctgc	gcgctcggtc	120
gaagaggacg	accatccccg	atagaggagg	accggtcttc	ggtcaagggt	atacgagcgc	180
cgtaattgac	acatctctta	tttgagaagt	gtctgttgcc	ctcattaggt	ttaattacaa	240
aatttgatca	cgatcatatt	gtagtctctc	aaagtgtctt	agaaattgtc	agtggtttac	300

<210> 628
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 628	
ggatgaccca	tgccaaaaat actatgagct cttactagtc aaccctatctt ggttggtccc 60
accaacaaag	gcacttgacg ttacattcac cacatttgta acggagccat tgaagcatat 120
tggaaaagga	actggggaat ttattaaagc actcatgaag gaaattccag cgctgcttca 180
tcttccagtg	ctgataatta tggcattagc catcctgagt ttctgctatg gtgctggaaa 240
atcagttcat	gtgctgagac atataggcgg tcctgagagc gaacctcccc aggcacttcg 300

<210> 629
 <211> 295
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(295)
 <223> n = A,T,C or G

<400> 629	
ggtggtntna	gtggnanaag gatcgagtg gagacnngtg cnaatagggn gatcctggta 60
aggtgctnat	gtcatgctgc aatgtccanc agcagnaggn ntttgatgtn angngcngga 120
gnngagtgga	ccaggggtgc tgtgtnatna nttgattcag nggcttatgg catcactgcc 180
ttctgttncc	gggggagcat ggatctagat gtccctgcct ctgaaaacca agtgtcagag 240
ccccttcccc	ttgtttttat tttactgtta taataattat taacttcctt gtaat 295

<210> 630
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 630	
tggtctgctc	accagaggtt cttcaaatac ttatgcatag catccaaagt taaaagggtt 60
gtgcaactag	ctcgagagga aatcaagaat ggaaaatgtg ttgtaattgg tctgcagtct 120
acaggagaag	ctagaacatt agaagctttg gaagaggcgc ggggagaatt gaatgatttt 180
gtttcaactg	ccaaagggtg gttgcagtca ctcattgaaa aacattttcc tgctccagac 240
aggaaaaaac	tttatagttt actaggaatc gatttgacag ctccaagtaa caacagttcg 300

<210> 631
 <211> 290
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(290)
 <223> n = A,T,C or G

<400> 631	
gcctagggcc	ccctagcacc ccaactcgatc accgagggta ccagtccttg tcagacagcc 60
ccccgggggc	ccgagtcttc actgagtcag agaagaggcc actcagcatc caagacagct 120
tcgtggaggt	atnnnnnnnn nnnnnnnggc cncgtggtca tgatntggnt nntanatgca 180

anaggctgtg gctnctnaag tcttaaggat tntcantga tcanngatcc agggccgttc	240
atgaaccact gggctggatt tgactgttga ntgtggnagn aaatgcccg	290

<210> 632
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 632	
gtgggggtcag ttctgggtctg ctcaccagag gttcttcaaa tacttatgca tagcatccaa	60
agttaaaagg gttgtgcaac tagctcgaga ggaaatcaag aatggaaaat gtgttgtaat	120
tggtctgcag tctacaggag aagctagaac attagaagct ttggaagagg gcgggggaga	180
attgaatgat tttgtttcaa ctgccaaaagg tgtttgagct cactcattga aaaacatttt	240
cctgctccag acaggaaaaa actttatagt ttactaggaa tcgatttgac agctccaagt	300

<210> 633
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 633	
cacagtcctt ctggaagcca gaccgaagc cacagtagca gtgccagctc agcagagagt	60
caggacagca ggaagaagaa gaagaagaag gaaaagaaaa aacacacaga aacatataaa	120
gcataagaag cataagaaac atgcaggcac tgaagtggaa ttggaaagac gccatctaca	180
cgaccacagg aaccagaaga ggacctacac tcagattaga gcgtgaggaa gtgagttctt	240
ggagacgtgc tgatgacagg aaagatgacc ggggtggaaga gcgggaccct cctcgtcgag	300

<210> 634
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 634	
cccacactcg gacactgtgg aattctacca gcgcctgtcg accgagacac tcttcttcat	60
cttctactat ctggagggca ctaaggcaca gtatctggca gccaggccc taaagaagca	120
gtcatggcga ttccacacca agtacatgat gtggttccag aggcacgagg agcccaagac	180
catcactgac gagtttgagc agggcaccta catctacttt gactacgaga agtggggcca	240
gcggaagaag gaaggcttca ctttgagta ccgctacctg gaggaccggg acctccagt	300

<210> 635
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 635	
ccaggctagt cttgaactcc tggcctcaag caatcctccc acctcggcct cccaaagtgc	60
tgggattaaa ggcgtgagcc accgtacctg gcccttggtg gaatctttag ggttttctat	120
tcatacatat aaaatcatat cattggcaaa cagagataat ttacttcct cctttccaat	180
ttggatgcct tagatttctt ttccttgctt aactgctctg tctagaactc ccagcactat	240
gctgaataga gtggcaagag caggcatttg ccttggtcct aaccttacag aaaaatcctt	300

<210> 636
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

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<400> 636
gctgcccaac acgctgtttg gggatgtggc catggtggtg gaattcttga gctgttattc      60
tggtgctactt ttaccagatg ctccagtatcc tattactgct gtgtccctta tggaaacctt      120
gagtgagatg aaggggtggc ttttatacct taacagggtg ttgggtcatcc tcttacagac      180
cctcctacaa gatgagatag cagaagacta tgggtgaatag ggaatgaagc tgtcagaaat      240
ccccttgact ctgcattctg tttcagagct ggtgaggctc tgcttgcncg gatctgatgt      300

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<210> 637
<211> 300
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(300)
<223> n = A,T,C or G

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<400> 637
ctttgcagct ccccttccac tgagagccac ttccaccatt taataaaatc gtccacatcc      60
atcaactttc aaaccattca tgcaacctga ttcttctctg atgctgaaca agaacctggg      120
taccaacagg gcagggtgta aaaggctgcc accctgactc tccttgagtg ggtnnnnnnn      180
nnnctgtccn ggatggcaac tgctaaaaga gcntgaattg taacacatcc ctaaattgcgc      240
tgttgggctg gagcccaaaa gtgctcatcg aagccctggc acccgcttgc ctgcgtgctc      300

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<210> 638
<211> 300
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(300)
<223> n = A,T,C or G

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<400> 638
aacctatctg catggacctc tgtggaccac agcgtaectg cccctttctg ccctcctgct      60
ccagccccac ttctgaaagt atcagctact gatccagcca ctggatattt tatatcctcc      120
cttttcttta agcacagtgt cagaccaaat tgcttgcttc tnnnnnnngn actacannna      180
tatgnatnct ggtncgctgg gcaagttcac tnggcccatg ctgaaagagg cctgccgggc      240
ttangggctg aagagtggtc tgaanaanca ngaactgctg gaanccctca ccaagcactt      300

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<210> 639
<211> 300
<212> DNA
<213> Homo sapiens

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<400> 639
agttttcctg tgattagtgt ttttggtgtt gttttatttt ttttcttaca ggaactcttg      60
caagaagaaa ggactatgag ttcaacttta gagggagcca tggggactaa acaaaattct      120
gaggccccct caaccatcta aatggacttc cttctgggcc aggacactcg aaaattaaac      180
ctgaaagact gggtcaggcc atgatgggaa gtgggagtcg aacatgcctc atcataccct      240
ccagcattaa catcaacaca gaccttaagg ctgataagaa gcatttataa tctattctct      300

```

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<210> 640
<211> 299
<212> DNA
<213> Homo sapiens

```

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<220>
<221> misc_feature
<222> (1)...(299)

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<223> n = A,T,C or G

<400> 640

gttagctcga	ggggcaaata	aagagcacag	gaatgtttct	gattacacac	ctctaagtct	60
ggctgcttct	ggtggctatg	tgaacatcat	caaaatatta	ctaaatgcag	gagctgagat	120
taactctaga	actggttagc	aattgggcat	ctctcctctg	atgttagcag	ctatgaatgg	180
gcatacagct	gctgttaagc	tcctgttaga	catgggctct	gacataaatg	ctcagataga	240
aaccaatcgg	acactgnnnn	nnnnnnnnnn	ngcttccaag	gaagaactga	agtgggttag	299

<210> 641

<211> 300

<212> DNA

<213> Homo sapiens

<400> 641

cagagacctg	acagtggcaa	tgtatggcca	cgttactgaa	tctacatggt	gcaagagaaa	60
aactagcaga	tgttcttggc	agccctgtca	ttcagctata	ttgctaaagc	actaggtgga	120
atcattatga	aaatttccat	cactcaaata	gaaaggagat	ttgacatata	ctcttctctt	180
gctgggttaa	ttgatggaag	ctttgaaatt	ggaaatttgc	ttgtgattgt	atttgtaagt	240
tactttggat	ctaaactaca	cagaccgaag	ttaattggaa	ttggttgtct	ccttatggga	300

<210> 642

<211> 300

<212> DNA

<213> Homo sapiens

<400> 642

gagagcttgg	gatgtggtaa	tgccagccac	actcctggga	gccgtggcca	gatctcggca	60
tatattatca	aaagcacatc	agtgccgaag	aatcggtcat	ctaattgtaa	aaccacttaa	120
ggaatttgaa	aatacaacat	gcagcacact	gacaatacgt	caaagcttgg	atttgttcct	180
tcctgataaa	acagctagtg	gtttgaataa	gtctcagatc	ctggaaatga	accaaaaaaa	240
gtcagatacc	agcatgctgt	ctccattaaa	tgctgctcgt	tgccaagatg	aaaaggcaca	300

<210> 643

<211> 300

<212> DNA

<213> Homo sapiens

<400> 643

gcctgccaga	atggaagcat	acagatctgg	gaccgaaatt	tgactgttca	tcctaagttc	60
cactataaac	aggctcatga	ctcgggcaca	gacacttctt	gcgtgacttt	ttcctatgat	120
ggtaatgtcc	ttgcctctcg	tggaggtgac	gattcattaa	aattatggga	catccgacaa	180
tttaataaac	cacttttttc	agcctcgggt	cttcccacca	tgttcccaat	gactgactgc	240
tgtttcagtc	cagatgataa	gctcatagtc	actggtacat	ctattcaaag	aggatgtggc	300

<210> 644

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (300)

<223> n = A,T,C or G

<400> 644

ccggagagaa	gcagcaggag	ggcggcgcg	ccgtgcgctg	cgacacacct	gccaactgca	60
cctatcttga	cctgctgggc	acctgggtct	tccaggtggg	ctccagcggg	tcccagcggg	120
atgttnnnnn	nnnnnnntg	gcaattaaca	acatcttaaa	actgactcag	ctcaccacgt	180
cttccatgta	ttcacttcct	aatgcaccct	ctctggcaga	cctggaggac	gatacacatg	240
aagcctgtga	tgatcagcca	gagaagcctc	actttgactc	tcgcagtgtg	atTTTTgagc	300

<210> 645
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 645
 actgttcac ctaagttcca ctataaacag gctcatgact cgggcacaga cacttcttgc 60
 gtgacttttt cctatgatgg taatgtcctt gcctctcgtg gaggtgacga ttcattaaaa 120
 ttatgggaca tccgacaatt taataaacca cttttttcag cctcgggtct tcccaccatg 180
 ttcccaatga ctgactgctg tttcagtcca gatgataagc tcatagtcac tggtagatct 240
 attcaaagag gatgtggcag cggcaaaactt gttttctttg agcgtaggac tttccaaagg 300

<210> 646
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 646
 gcgacatcag aagatcattg aggaggcccc agcgcctggt attaaatctg aagtaagaaa 60
 aaagctggga gaagctgcag tcagagctgc taaagctgta aattatgttg gagcagggac 120
 tgtggagttt attatggact caaaacataa tttctgtttc atggagatga atacaaggct 180
 gcaagtggaa catcctgtta ctgagatgat cacaggaact gacttgggtg agtggcagct 240
 tagaattgca gcaggagaga agattccttt gagccaggaa gaaataactc tgcagggcca 300

<210> 647
 <211> 278
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(278)
 <223> n = A,T,C or G

<400> 647
 ggtgactgcc atcctggagc cctacccctg catccacttc cctctggcca catatgcccc 60
 tattatctct gctgaaaaag cctaccatga acagctttct gtagcagaga taaccattgc 120
 tatgcttttn nnnnnnnnac ctgatgntaa nanntgaacc tcnntgcggt tnttncannn 180
 tttnnntntc nantcnnnna cgtcttgntt nntncttntt nntttctcgc annanttttn 240
 natntcntnn cctttgnttt tncntcttct tnnntaat 278

<210> 648
 <211> 150
 <212> DNA
 <213> Homo sapiens

<400> 648
 ccccggtcgt gtagcgggtg tatactacgg tcaatgctct gaaatctgtg gagcaaacca 60
 cagtttcatg cccatcgtcc tagaattaat tcccctaaaa atctttgaaa taagggcccc 120
 tatttaccct atagcaccct ctctagaggg 150

<210> 649
 <211> 277
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(277)
 <223> n = A,T,C or G

<400> 649
gaagaangcc tatncnnnct attagctana natagtcnnt nnnaatanga naganangtn 60
acnnanaang cnananngnn nnagagatag ctcnacntaa agacnggana angatcttcg 120
ccttaatact tttttatttt gttttatttt gaatgatgag ccttcgtgcc ccccttccc 180
ccttttttgt cccccaactt gagatgtatg aaggtctttg gtctccctgg gagtgggcgg 240
aggcagccag gggttacctg ccacaaacgg ggaccag 277

<210> 650
<211> 300
<212> DNA
<213> Homo sapiens

<400> 650
gaggtagtga cacaggctgt gggagggggg agggggagga agtctgtggt gagcaaagtt 60
tgccttatta cactgataaa gtgtaattac actaataaag ctggatcacc tgaggtagg 120
agtttgagaa cagcctggcc aacatggcaa aaccctgtct ctactataaa tacaaaaatt 180
agccaggtgt agtggcaggg cacttgatgat cctatctgct cgggaggctg aggcaggaga 240
atcgcttgaa cccaggctgt aaagggttgcg gtgagccaag atcatgccac tgactccag 300

<210> 651
<211> 300
<212> DNA
<213> Homo sapiens

<400> 651
ggcacagtac caggaggggg gcttggtgcc agacctcatg aggaagaagg attttcctat 60
gtacagagaa ggggaccctg tctgttggtg aggtgctgtg caaacctaac caagttacta 120
accctctgt tttctgtgct acacaaaggg gataaatata agcttccttc actagccaat 180
tctatttggg tcttgagttt ggaaagtgat agatactgat tttctatgat ttatgagga 240
cttaaataag ctcctatgga aagtgttttg tgcagtgccg tgcccataaa gaagagctca 300

<210> 652
<211> 300
<212> DNA
<213> Homo sapiens

<400> 652
acgtgaacga gaaaaggaga aagaacggga gcgggaacga gaacgggata gggaccgtga 60
ccggacaaaa gagagagacc gagatcggga tcgagagaga gatcgtgacc gggatagaga 120
aaggagctca gatcgtaata aggatcgag tcgatcaaga gaaaaaagca gagatcgtga 180
aagggaacga gagcgggaaa gagagagaga gagagaacga gagcgagaac gagaacggga 240
gcgagagaga gagcgagaga ggggaacggga gcgagaaaga gaaaaagaca aaaaacggga 300

<210> 653
<211> 300
<212> DNA
<213> Homo sapiens

<400> 653
tgaacgagaa aaggagaaag aacgggagcg ggaacgagaa cgggataggg accgtgaccg 60
gacaaaagag agagaccgag atcgggatcg agagagagat cgtgaccggg atagagaaa 120
gagctcagat cgtaataagg atcgagtcg atcaagagaa aaaagcagag atcgtgaaa 180
ggaacgagag cgggaaagag agagagagag agaacgagag cgagaacgag aacgggagcg 240
agagagagag cgagagaggg aacgggagcg agaaagagaa aaagacaaaa aacgggaccg 300

<210> 654
<211> 294
<212> DNA
<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(294)
 <223> n = A,T,C or G

<400> 654
 ccccttcctt ctgtctctgg agacccttga gcttggggaa atatggaggg gtgtgtgtct 60
 gcaatcaagg cctctgcagc tcacggctgg cccggtgggc tgggacttcc gtctgaattt 120
 taaataactta gggttcattt ttttttctct ggcaacaaag cttgatgttt tctactgctt 180
 agtttctgt ttgctggtgg gaggggatac ggtctgtgac tctggacttg ctctggggga 240
 acagttgtca ctgcccccg ggagaggggc agctnnggct ggagaagcac agcc 294

<210> 655
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 655
 acagcctggg cgtgcggcga gctgagatca agccccgggt gcgcgagatc cacctgtgca 60
 aggacgagcg cggcaagacc gggctgaggc tgcggaaggt cgaccagggg ctctttgtgc 120
 agttggtcca ggccaacacc cctgcatccc ttgtggggct gcgctttggg gaccagctcc 180
 tgcagattga cgggcgtgac tgtgctgggt ggagctcgca caaagcccat caggtggtga 240
 agaaggcatc aggcgataag attgtcgtgg tggttcggga caggccgttc cagcggactg 300

<210> 656
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 656
 tcaagtttgt ttgaagacac gtgtgccttt gtaccatta taagatggtc ataagaccca 60
 agaactgata agctttggtt tttttttgtt ttgttttgtt ttttgcttca tttaccatt 120
 catgcctagg gttccattat tggaacccta agcttgtggg agttatttct atcctactgc 180
 tcaaggtcat caccaagatc tgatttttca taaaaaacat ttgtgacctt cggcataaat 240
 gggtttaagg gcatccctg aaactgcaat gcagatatgt tcagataact tttatttttt 300

<210> 657
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 657
 aaatgttttt gaatcaagtt tgtttgaaga cacgtgtgcc tttgtaccca ttataagatg 60
 gtcataagac ccaagaactg ataagctttg gttttttttt gttttgtttt gttttttgct 120
 tcatttaccc attcatgcct agggttccat tatttgaacc ctaagcttgt gggagttatt 180
 tctatcctac tgctcaaggt catcaccaag atctgatttt tcataaaaaa catttgtgac 240
 cttcggcata aatgggttaa ggtgccatcc ctgaaactgc aagcagatat gtccagaaac 300

<210> 658
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 658
 ctatgatcag gactgactag gtagttggca tggcccatag agaacaagga aagatgggct 60
 ggtggattgg cccacctggg agccacatgg ggcaagggga gccctcacc tcagccagcc 120
 agacgagtgg gatttcccc agcacagcat accccttca caaagggaca actaaagtgc 180
 ttcatthaagc aagtctgga tcctgtgccc cccaactggg tgagacaccc caatgggtca 240
 ccagacacct tatcaagag catttctact ggcacaggt ggggtgccct caaggacaga 300

<210> 659

<211> 300
 <212> DNA
 <213> Homo sapiens

<400> 659
 gttttggctg ggcgatgatgg ttagcgccctg cagttccagc tacctgggag ggtaagccca 60
 gttcaaggct gcaattaact atgatgggtc ccctgcattt cagcctgggt gacaaaatta 120
 aatcctggcc caaaaaaaaa aagtagccag gcatgggtgc gggagcctgt tgtcccagct 180
 gttccgtagg ctgaggcacg acattcactt gaacctggga ggtggagggt gctgtgagct 240
 gacaccacgc cactgcactc cagcctgggt gacagtgaga ctctgtctca ataaataaaa 300

<210> 660
 <211> 280
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(280)
 <223> n = A,T,C or G

<400> 660
 attcgaacat atgcagttat tccactaaat gatgaatgtg ggattattga atgggtgaac 60
 aacactgctg gtttgagacc tattctgacc aaactatata aagaaaaggg agtggatatg 120
 acannaaaag aactttncga gtgctnctac ctcnngctnc ngntttatct gaanagtgg 180
 nagtntcncn ngatangncc tgntttgcat cntntanng nnntnnannn gccctttncn 240
 tnntgnttgn cggnnnngcn ttgncnnag tcanccgctg 280

<210> 661
 <211> 294
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(294)
 <223> n = A,T,C or G

<400> 661
 aataggannn ctaanaggct angtgagnaa tatcaancnc cgcncgtgtt ttnggtgggt 60
 aangnngtat annnggcntn natgggnagg aatncanatg gtagttggga naggggagga 120
 tacaggtgga tgggactgga ggttgataaa ggtgttcttg gaaggaaggg gcaggagtgt 180
 gaattagttg gtccctactg tccccatga ggttgtaaac ccccccacca acttttcatg 240
 tttcttaaag gcattttggt tttttaaaat ctgtacagca agagcaactt tttc 294

<210> 662
 <211> 279
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(279)
 <223> n = A,T,C or G

<400> 662
 gaaaanggna ngactgnttt atgggggnc caannnncng nnncanttnc annnnggcc 60
 cnanaatggc caatgctcgt ttagggaacc gccattctgc ctggggacgt cggagcaagc 120
 ttgatattag tgacactata gaatacaagc tacttgttct ttttgagga tcccatcgat 180
 tcgcaggaat cgatctcgtg aagcccgaag ggaccgaaca cccccacccc gatttagacc 240
 tgcaggtgct gcccacgctc ccccacaaa gcccatgta 279

<210> 663
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 663
 gctaagtatt ctaggatcta cagttatggt cattcatgct ccaaaggaag aggagattga 60
 gactttaaat gaaatgtctc acaagctagg tgatccaggt tttgtggtct ttgcaaccct 120
 tgtggtcatt gtggccttga tattaatctt cgtggtgggt cctcgccatg gacagacaaa 180
 cattcttggtg tacataacaa tctgctctgt aatcggcgcg ttttcagtct cctgtgtgaa 240
 gggcctgggc attgctatca aggagctgtt tgcagggaag cctgtgctgc ggcacccct 300

<210> 664
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 664
 tcgtttaggg aaccgccatt ctgcctgggg acgtcggagc aagcttgatt taggtgacac 60
 tatagaatac aagctacttg ttctttttgc aggatcccat cgattcgaat tcggcacgag 120
 catggtaatc ctgctcagta cgagaggaa cgcaggttca gacatttggt gtatgtgctt 180
 ggctgaggag ccaatggggc gaagctacca tctgtgggag gaaggaggca ggctgtggtg 240
 ggactgggta gggatatagta tcactcctga gttccactgc tctagaatct aaccagaaat 300

<210> 665
 <211> 298
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(298)
 <223> n = A,T,C or G

<400> 665
 cccgaggagc ggagcagagg caccagggca gctgcgcgcg agaaattgga tcggcggggga 60
 cggcctgcag ctcccgcgcg cggggaaagg gaagaagtcc tcccctacaa agcaaattca 120
 caaacttgga agaagcaatt tacacaggat gtgcagatct caatggaagg acacgggaaa 180
 cgtgaaaaag caaggaagtg ggacgcctcc aaaggnnnnn nntaattctc cagcancaga 240
 tccccatcca aaaganattc aagaantgtc atatagagaa ttgtggaaac tgatttta 298

<210> 666
 <211> 272
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(272)
 <223> n = A,T,C or G

<400> 666
 gacagcccca atccgggagc aggagggcct cctgccttgg catatagacc cctgggcgcc 60
 tccctgggat gccaccagg cccagggatc cacctagggt ggtttggtga tcctggtgat 120
 ggnnnnnnnn nnnntnaac ctntcttnt ntacnnnnt acnnctcatn tattntcctc 180
 tanngntaan tntgnnnnnn tnncttntn ccaantagnn nntttngnnn ncnnctcnnnt 240
 naatntanat tnntntnnnt ntttntntna tt 272

<210> 667
 <211> 300

<212> DNA
 <213> Homo sapiens

<400> 667
 ggaacgcagc tgctcaccag caacggaaca aagctggacg gagaatgact ttgaagagct 60
 gagagaaggc ttcagacgat caaattactc tgagctacgg gaggacattc aaaccaaagg 120
 caaagaagtt gaaaactttg aaaaaataa atgtacatta attaacgtgg aatctggtga 180
 acagtaacaa actttggtga aatttcagga accatagcca ttgaagtga tgagggaacc 240
 tatatacatg cactcaacaa tggctctttt accctgggag ctccacacaa agaagaatcg 300

<210> 668
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 668
 attaaaccgg tttctgtggg cacctctgtc cttgctgctg gtggggaagg gaagccagat 60
 ccagcacccc ctggggggcc atcgggagtg tggctggggg tgaagggggc tctgtggcaa 120
 tatgggggtg ggtagtgtgg gtggcaggcc atccccctc atcttggaac ctctgaatat 180
 gggacctccc acagcaaagg gtgacttttg tcattaagaa agactggggg ggggtgtggtg 240
 gctcacgcct gtaaccccg cactttggga ggccaaggtg ggcagatcac gaggtcaaga 300

<210> 669
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 669
 agaggaccct gcagttaggg ggtgttactt tgtcgcccag gatggcctgg acccccagg 60
 tcagggatc tcccgccgct gcttcctgag tagctgggac ctcaggcttc cgcctcgtgc 120
 ccgcattcct gctgtgttta ggcagcaggg ggtgacctca ctccctcctg gcctgagctc 180
 tccgtcccgc atcccaggcg gaggccctag ggaacacttt gaagctgagc acgggggtgga 240
 ccctccctcc tgagtgaatg gagaatagaa agggagagga tttctgttct gttctgtggg 300

<210> 670
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 670
 acccgaggct cgggtgtacta ggtgcgaatg ccgccttctg tggtgaccac tgtcttctca 60
 tcctttgcac ctataggagg tgagtgcctt tggggaagac ggcgagggcg acgacctgga 120
 cctatggaca gtgcgctgct ctggacagca ctgggagcgt gaggtgctg tgcgcttcca 180
 gcatgtgggc acctctgtgt tcctgtcagt cacgggtgag cagtatggaa gccccatccg 240
 tgggcagcat gaggtccacg gcatgcccag tgccaacacg cacaatacgt ggaaggccat 300

<210> 671
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

<400> 671
 ataatttggg gcatttccnn acantgtctt nncaaganta aaatgtgngc gccaaaattt 60
 ngnattntan tnggagantt nttatccaaa ntaangctgc cntaggaagt ctaaggaatt 120
 agtagngttc ccactncttg tttggagtgn gctattctna aagaataagc aatgctcgtt 180
 tagggaaccg ccattctgcc tggggacgtc ggagaaagct tgatttaggt gacactatag 240

aatacaagct acttgttctt tttgcaggat cccatcgatt cgaattcggc acgagcagga 300

<210> 672

<211> 300

<212> DNA

<213> Homo sapiens

<400> 672

ggctctccct	gagtgtcgag	gaggacatga	gtgaaatgac	cagcgaactc	atTTTTtata	60
ggactcggtg	aagccggatt	ctgcatttcc	ctacttgtag	actcattttg	tggaatagag	120
ttgatcgctg	tctcctccgc	aaagcatttt	aactcgaata	agcaaagcc	gcctctgttt	180
gaacgttttg	gtatttaca	gagagaaatc	attttaccta	agagaactaa	ttgaattggc	240
agcatccttg	aaatacctcc	ggacaaggat	ctgggggttg	gggtggaaaa	gcaactgcga	300

<210> 673

<211> 285

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(285)

<223> n = A,T,C or G

<400> 673

gtgagacagg	ttagttttac	cctactgatg	atgtgttggt	gccatggtaa	tcctgctcag	60
tacgagagga	accgcagggt	cagacatttg	gtgtatgtgc	tacgtcgccc	tggacttcga	120
gcaagagatg	gccacggctg	cttcacgctc	ctccctggag	aagagctacg	agctgcctga	180
cggccaggtc	atcaccattg	gcaatgagcc	ggttacgctg	ccctgaggcn	nnnnnnnngc	240
cttnnttact	ggcatgntgt	tctgttnntn	cngnngagta	cattc		285

<210> 674

<211> 292

<212> DNA

<213> Homo sapiens

<400> 674

gtcaatgggtg	tacaagcaat	gctcgtttag	ggaaccgcca	ttctgcctgg	ggacgtcgga	60
gcaagcttga	tttaggtgac	actatagaat	acaagctact	tggtcttttt	gcaggatccc	120
atcgattcga	attcggcacg	agggggattc	ataattccag	acaggtagag	aacggtttta	180
tttatgtaga	gacagagtct	cgctctgtcg	ccaggctgag	gcgggagaat	cacttgaacc	240
tgggaggtgg	aggttgcgct	gagctgagat	cattacactg	cactccagcc	tg	292

<210> 675

<211> 271

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(271)

<223> n = A,T,C or G

<400> 675

canaccnatt	ctcnnttggc	aacnangatc	ganggggnac	ctagnnnann	nnnnnnnnaa	60
tgacgcaa	ggcggttcca	ttgacgtaaa	tgggcggtag	gcgtgcctaa	tgggaggtct	120
atataagcaa	tgctcgttta	gggaaccgcc	attctgcctg	gggacgtcgg	agcaagcttg	180
atttaggtga	cactatagaa	tacaagctta	ctttgttctt	tttgcaggat	cccatcgatt	240
cgaattccgc	acatgaatct	cccctcctca	c			271

<210> 676

<211> 300
 <212> DNA
 <213> Homo sapiens

<400> 676
 aaatgatgac agagagaacc ctgttgaaag agcggttacca ggagggtcctg gacaaacaga 60
 ggcaagtgga gaatcagctc caagtgcaat taaagcagct tcagcaaagg agagaagagg 120
 aaatgaagaa tcaccaggag atattaaagg ctattcagga tgtgacaata aagcggaag 180
 aaacaaagaa gaagatagag aaagagaaga aggagttttt gcagaaggag caggatctga 240
 aagctgaaat tgagaagctt tgtgagaagg gcagaaggta actgatgtta agaataaaaa 300

<210> 677
 <211> 289
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(289)
 <223> n = A,T,C or G

<400> 677
 gcgagccagg attccccgatc cagagacaat ggccccgatg ggatggagcc cgaaggcgctc 60
 atcgagagta actggaatga gattgttgac agctttgatg acatgaacct ctccggagtcc 120
 cttnnnnnnn nctntangc ctatggtttt gangaactnt tnngttttat tttntgttn 180
 antnttngtn gncgtntntg ntntgttngg atngaganga anantttctt tntgngccat 240
 gtgctgatgg angntntnntn ttntcnnatt tntnnntttt natgttttt 289

<210> 678
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 678
 ggaccatgac atctagggcc tctgaacttt ctccggggcg cagcgtgacg gctggcatca 60
 tcattgttgg agatgagatc cttaaggagc acactcagga caccaacacc ttctttctgt 120
 gccggacact gcgctcccta ggggtccagg tttgccgagt ctccagttgta cctgatgagg 180
 tagccaccat tgcagctgag gtcacttctt tctccaaccg cttcaccat gtcctcacag 240
 cagggggcat cggccccact catgatgatg tgacctttga ggcagtggca caggcctttg 300

<210> 679
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 679
 ttcaccaatg acatgatctt atagcgattc tataaaaaca gaataattaa caaattcagc 60
 aaagtgtgca aatacaaaat caacacacag aaatcagttg catttctata tagtactagc 120
 agtgaacact tcatgaagga aattagcagt ttcatttaaa tagcatcaca tagaataaaa 180
 tacataggaa ttaaccaagg aggtgaaaga cttgtacaca gaaaactaca aaatattgtt 240
 gaaagaaatt aaagaagaca taattaaatg gaaagacatc ctgtgttcaa ttatatccat 300

<210> 680
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 680
 tcaaggccta cgaacagggtg atgcactacc ccggctacgg ttcccccatg cctggcagct 60
 tgcccatggg cccggctacg aacaaaacgg gcctggacgc ctccgccctg gccgcagata 120
 cctcctacta ccagggggtg tactcccggc ccattatgaa ctctctttaa gaagacgacg 180

gcttcaggcc	cggtctaactc	tggcaccgcc	gatcgaggac	aagtgagaga	gcaagtgggg	240
gtcgagactt	tggggagacg	gtgttgacga	gacgcaagg	agaagaaatc	cataacaccc	300

<210> 681
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 681						
gggagactgg	ggtctatttc	accctgcag	tctcgaccat	aagagatggc	tacacccagg	60
ggggccagtt	cagagacca	ctcccagggt	tgcattctct	ttctcaagga	tgttccttgc	120
tgagaaaaag	aattcagtga	tatttctccc	atttgcttgt	gaaagaagag	aaatgtggct	180
ttgttccacc	tggctcaccg	gcggtcagaa	tttaaggtta	tctctcttgt	ttcctaaaca	240
ttgctgttat	cctgttcttt	tttcaagggt	cccagatttc	atattgctca	aacacacatg	300

<210> 682
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 682						
gatcagccca	cctcggcctc	acaaagtgt	gggattacag	gcgtgagcca	ccttgcccag	60
cccacatcat	acagtttgaa	atgaaacttt	gccacaacca	gcctttgctg	tagcacacac	120
atatactact	gaacctgttt	gaaataaagt	tttttttctt	tttctcttgg	tattctgggt	180
tctgaagtct	ggtattctgg	tattctgggt	tcaaaagtat	gacttgagag	tggtgctctg	240
gtattctgag	agttgctctg	tattctgggt	tctgaagatt	atttgaaaaa	taactcctac	300

<210> 683
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 683						
ggtacaccaa	agaagaaagc	tggtgtccag	gctaagttga	caaccactgg	cccggtgact	60
tctccagtga	aaggcgcttc	atttgtcacc	agtaccaatc	cccggaaatt	ttctggcttt	120
tcagccaagc	ccagagtggg	tttgggcata	gtaatcagca	aaagctacgg	aataattcta	180
agaattagat	gtttccatat	cattaaaacc	aaggatccat	gaggggcaga	aggaggatt	240
caaagatttt	aaaaaaatca	aatttttagac	cttggttaaa	tattaactgg	aatgggatct	300

<210> 684
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 684						
agactccctt	tcccggctctg	ctcagtaacg	ggtgccttcc	cagacactgg	cgttaccgct	60
tgaccaaggg	gccctcaagc	ggcccttatg	cgggcatgac	agaaggctcc	cctcttgcc	120
tctattcact	tctcacaatg	tccttccagc	acctgacct	atacctgccg	gttattccta	180
ggttatatta	ttaatgcaac	agagtaatat	taaaagctaa	tgattaataa	tgtttataat	240
aatgatggat	aattgttcat	gatcatcgct	gtatctaatt	tgtattatga	ctattcttat	300

<210> 685
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 685						
ggagagaaac	cttatggatg	cattgactgt	ggcaaggcct	tcagccagaa	gtcttgccct	60
gtagcacatc	agagatatca	tacaggaaag	actccctttg	tatgtcctga	atgtgggcaa	120
ccctgttcac	agaagtcagg	actcattaga	catcagaaaa	ttcactcagg	agagaaaccc	180
tataaatgca	gtgactgtgg	gaaagccttc	cttacaaaga	caatgctcat	tgtacatcac	240

agaactcaca cgggagagag accctatggc tgtgatgagt gtgagaaagc ttactttctat 300

<210> 686
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 686
 gggccgctca gtttttacgt aaaatggcag atccacagtc catccaggaa tcgcagaatc 60
 tgtccatgtt cctggccaat cataacaaga tcacacagtc tctgcagcag cagctcgaag 120
 tgatttctgg ctacgaagag cctctagaac tatagtgagt cgtattacgt agatccagac 180
 atgataagat acattgatga gtttggacaa accacaacta gaatgcagtg aaaaaaatgc 240
 tttatttgtg aaatttgtga tgctattgct ttatttgtaa ccattataag ctgcaataaa 300

<210> 687
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 687
 gtctgccttc aagaagccag acaggaaggc cctgcctgcc ttggctctga cctggcggcc 60
 agccagccag ccacaggtgg gcttcttcct tttgtggtga caacgccaaag aaaactgcag 120
 aggccccagg gtcaggtgta agtgggtagg tgaccgtaaa acaccaggtg ctcccaggaa 180
 cccgggcaaa ggccatcccc acctacagcc agcatgccca ctggcgtgat gggcgcagag 240
 ggatgaggca gccaggtgtt ctgctgtggt ttgggagcct ataaagttag actaggctgg 300

<210> 688
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

<400> 688
 gagagagaga gagagagaga gagagagaga gagagagaga gagagagaga gagagagaga 60
 gagagagaga gagagagaga gagagagaga gagagagaga gagagagaga gagagagaga 120
 gagagagaga gagagagaga gagnnnnnnn nnnnnnnnnn cncacnctct tntntcncgn 180
 nnnnnntctc tctntgtntc nctctnngtg tnnanganatnt ntctctctta tatntntntn 240
 tntttntctc ctcnanannc tctctctctc tntntgtgtc tctntcacnn ccctctctct 300

<210> 689
 <211> 286
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(286)
 <223> n = A,T,C or G

<400> 689
 gtggtctctc cccctgtacc tagaaagcta tttgagctgg atccgtccct ctgatcgtga 60
 cgccttcctt gaagaatttc ggacatctct gccaaagtct tgtgacctgt anctgccncc 120
 tttgaagag cttganctgg ttncctntg gnnmntcgnt ntgtntntct cntnntgtnc 180
 nntcnaant nntnantttn natngntgna tnnntaangc ntatnnttn cttnatnntn 240
 tnnagagctn ttnnnntttt nnnntnatnc ttngtnatgn tcatta 286

<210> 690

<211> 272
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(272)
 <223> n = A,T,C or G

<400> 690	
aaannnaana agnnnaagn aancnnttaa gagangaang atngangnna gnntntnaat	60
ngnaaggntn natnmcnaca nntgntantc tcggatntaa tgtannccna tgaagnaaga	120
aaaccttgga ccttgatgat attcacacac attcaggaac ctgttttgat gtattatagg	180
caggaagtgt ttttgctacc gtgaaacctt tacctagatc agccatcagc ctgtcaactc	240
agttaacaag ttaaggaccg aagtgtttca ag	272

<210> 691
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 691	
ggcacgaggc actaagcagg ctagtgctct cagcttcccg gcctcccctt ccaggccgct	60
gccgctgac cctgtgtcca agagactcca ggctgagctg gctgaccgac ccaatcccc	120
taccgacct ctgccgctg acccggtggt gagaagccc aagtctcagg ggccagccaa	180
gccccaccc ccaaggaagc cactgcctgc cgacccccag ggccggtgcc catcggtga	240
cctgcccggc ccaggggctg gaatcccgc cctagtggta ccctccagac cagcgccacc	300

<210> 692
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 692	
aaaatgcctt cattttcctt tttactttat catgagacat aagatttatt ggcttcatat	60
caacccttaa gtattgttaa ctttatgtaa tagcatttgg gttggggatt ggtgtgtttt	120
cggttgtaca tagcatagtt gaattatgtt aggcataatt atgaccttat tattgtcttt	180
atttgaaaat tatatatgat ctcaggaaat gtgtatgagt tcaagttgac aaggagtgga	240
tttgggatgg ttgatactga gtgtcaactt gattggattg aagcatgcag agtaataatc	300

<210> 693
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

<400> 693	
ggctgtcgct gacccaggag aagctgcctg tctacatcag cctgggctgc agcgcgctgc	60
cgccgcgggg ccggcagcca tggccaagga catcctgggt gaagcagggc tacactttga	120
tgaactgaac aagctgaggg tgnnnnnnnn nnnnnntatt cagcttatcc taaacctgaa	180
agaagagtga gtagacttta aggatcaaga taatctgggg cttcccagtt gtgtcggcca	240
aggacctgag acctgaaggg ttgactttac ccatttgact gggagtgttg agcatctgtc	300

<210> 694
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 694
 ccccggtgtc cccgcgaggg gcccggggcg gggtcgcgcg gccctgcggg ccgcccgtga 60
 aataccacta ctctgatcgt tttttcaatt gaccgtggag gccccatgc ccaagctagc 120
 cacgcagtcc aacgagatca ccatcccagt caccttcgag tcgcggggcc agcttggggg 180
 cccagaagct gcaaaatccg atgagactgc cgccaagtaa accccttagc ccggatgccc 240
 acccctgctg ccgccactgg ctgtgcctcc cccgcacact gtgtgttctt ttgatacatt 300

<210> 695
 <211> 281
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(281)
 <223> n = A,T,C or G

<400> 695
 caggcgtact gacaggtgga ccaacggact gatttagaag agaacaagca tgcgctccct 60
 acattccagc cacatatcac aaacgactac ggtctggaca actttgacac acagtttacc 120
 agngagcccc tgcahntgac cccanacgat nangatgcca tatagaggat ngaccagtcn 180
 nagttcgaag gntntganta tatccatcca ttattgctga ncnncnnanga ncnntnntc 240
 atntacntnt agtcnntntt ttngctntct cccnccact c 281

<210> 696
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 696
 tttcggccaa ctagaggagt ctgaaggacc agacaattgc tcagaaacag aaggctgttt 60
 agaattttct aaattcatta agggcaattc tggactttt ctggaaattg gctttaagag 120
 ctcatcctgc atttttaaaa tctctccaac tggatcaaat tttttatata ctcgtttgat 180
 aggttttttt aaaacacatg actcttcagg actacaagca gtattagtct ggtttcctac 240
 agaagcctgt cctgaggaag aatttggact agctggctctg gaacttaagt tagaaccac 300

<210> 697
 <211> 262
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(262)
 <223> n = A,T,C or G

<400> 697
 gtcagggtcg gactgtgagc ctgtgcttgg gtccctggagg aggtgagga ggtatacatt 60
 gatgagtttg gacaaaccac aactagaatg cagtgaaaaa aatgctttat ttgtgaaatt 120
 tgtgatgcta ttgctttatt tgtaaccatt ataagctgca ataaacaagt taacaacaac 180
 aattgcattc attttatggt tcaggttcag ggggaggtgt gnnnnnnnnn nnnnnnnnnn 240
 nannntnnnn tanngnntna tg 262

<210> 698
 <211> 295
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1)...(295)
 <223> n = A,T,C or G

<400> 698
 gggcgaaaaa gatgaccgaa attcaaactc ctgaaaatac tcctcgttta tttgatttag 60
 taaaagtaaa agatgagaaa attcgccaag ctttttattt tgctttacga gataccttag 120
 tagctgacaa cttggatcaa gccacaagag tagcatatca aaaagataga agatggagag 180
 tggtaacttt acagggacaa atcatagaac agtcaggtag aatgactggt ggtggaagca 240
 aagtaatgan nggaagaatg ggtncctcac ttgntattga aanctctgaa gaaga 295

<210> 699
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 699
 agaaagtgtc agcacagttt gtgttgtgga tttgctactt ccatagttta cttgacatgg 60
 ttcagactga ccaatgcatt tttttcagtg acagtctgta gcagttgaag ctgtgaatgt 120
 gctaggggca agcatttgtc tttgtatgtg gtgaattttt tcagtgtaac aacattatct 180
 gaccaatagt acacacacag acacaaagt ttactggtac ttgaaacata cagtatatgt 240
 taacgaata accaagactc gaaatgagat tattttggta cacctttctt tttagtgtct 300

<210> 700
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 700
 aagtagagga ggaagttagc acaatttcat aagtgtctaa aaagagacag ttatgagacc 60
 attgacgagg agtaaaagtc gtctatttag catcttattc actacaaata gaagaaagaa 120
 ataccagttt cctgacaagc cccaccccat gcttgggcag ttcttgagta cacttaatat 180
 attttagagg aaaagatgct agaaccacag gagaatggcg tgattgacct accagattat 240
 gagcatgtag aagatgaaac ttttctctct tttccacctc cagcctctcc agagagacaa 300

<210> 701
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 701
 gtggtcttca gtctgtcgtg caccgatgag aactctcctt attgctgtga agggcagaca 60
 atgcatgggt gatctactct gttaccaatg gctttactag tgacacgtcc cccggtctag 120
 gatcgaatgt ttaacaccgg gagctctcca ggccaccac ccggagagac gtcgctgtgt 180
 ggccctgaagt ggcgcaagct tgctttgtaa atatctgtgg tcccgatgta gtgccagaa 240
 cgtttgtgag aggcagctct gcgcccgggt tccagcccga gcctcgccgg gtcgcccgtc 300

<210> 702
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 702
 ggcgtgccta atgggaggtc tatataagca atgctcgttt agggaaccgc cattctgcct 60
 ggggacgtcg gagcaagctt gatttaggtg acactataga atacaagcta cttgttcttt 120
 ttgcaggatc ccatcgattc gaattcggca cgaggaagga ggacctaggc acacacatat 180
 ggtggccaca cccaggaggg tagtggggag ttagatttca gagtccaggc cctaggttgg 240
 gaccactcc aaataatctc ctcggtgtgg gtggtggttc tatagaggga taaagaataa 300

<210> 703
 <211> 300
 <212> DNA

<213> Homo sapiens

<400> 703

ccaaggcgca	gcccgattct	gccccctacg	attggttcgg	ggacttctcc	tccttccgtg	60
ccctcctaga	gccggagctg	cggcccagag	accgtatcct	tgtgctaggt	tgcggaaca	120
gtgccctgag	ctacgagctg	ttcctcggag	gcttccttaa	tgtgaccagt	gtggactact	180
catcagtcgt	ggtggctgcc	atgcaggctc	gctatgccca	tgtgccgcag	ctgcgctggg	240
agaccattga	tgtgcggaag	ctggacttcc	ccagtgttc	ttttgatgtg	gtgctcgaga	300

<210> 704

<211> 300

<212> DNA

<213> Homo sapiens

<400> 704

gagaagctga	ccttggacct	gacggtgctc	ctgggtgtgc	tgcaggggca	acagcagagc	60
ctacagcag	gggcacactc	caccggctcc	agccgcctgc	acgacctcta	ctggcaggcc	120
atgaaaaccc	tgggagtcca	gcgccccaa	ttggagaaga	aggatgccaa	ggagatcccc	180
agtgccaccc	agagccccat	cagtaagaag	cggaagaaaa	agggattctt	gccagagacg	240
aagaagcgca	agaaacgcaa	gtcagaggat	ggcacgccag	cggaggatgg	cacacctgca	300

<210> 705

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(300)

<223> n = A,T,C or G

<400> 705

agtccacatt	aaaaagaaaa	caaaacaaac	cctaactaac	ttccaaatgg	gtctcctggt	60
gcgggggctg	gagtggccgt	gccctgggtg	tgtgcctgt	ctgagcaagc	ttccctagct	120
gaggaacccc	gggccccctg	ctgcgggctc	tgccttgggt	tcatgcctgc	tgcacccccg	180
tttactactga	tgtgccannn	nnnnnnntgg	nggtttggag	cnnacatgct	actggtcnan	240
nnacacangt	nccggggcat	catgagaaag	gntngntctt	ggnaccttgt	cctccccagt	300

<210> 706

<211> 300

<212> DNA

<213> Homo sapiens

<400> 706

ccgcagaggg	cctggaagag	gtgctcacca	cgccagagac	tgtgctcaca	ggccacacgg	60
agaagatctg	ctccctgcgc	ttccaccac	tggcagccaa	tgtgctggcc	tcgtcctcct	120
atgacctcac	tgttcgcac	tgggaccttc	aggctggagc	tgatcggtg	aagctgcagg	180
gccaccaaga	ccagatcttc	agcctggcct	ggagtcctga	tgggcagcag	ctggccactg	240
tctgcaagga	tgggcgtgtg	cgggtctaca	ggccccggag	tggccctgag	cccctgcagg	300

<210> 707

<211> 300

<212> DNA

<213> Homo sapiens

<400> 707

tggaggctctc	ctttcgcccc	agcccagggtg	gccaaagccca	tcctggcctc	agaacatgct	60
gagcacattt	tgtagggtgg	caccttttta	tccaagtac	tagctacaca	tcagtgttta	120
aagagaaaaa	agtgaccttt	catttttttt	tcttgaaact	tgaggaaaca	agatacatac	180
tactgatttt	ttttttctta	aaactaaatg	catgactgca	gagcggtaga	ggtgtatatt	240
tttcatactg	tggggcaaa	tatttgtgct	gctttttgga	gatggactgg	aacgtctggt	300

<210> 708
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 708
 aaaaacagtg cattagcaat ttcatagcaa gtgcatgcac taggaaaaga aaactctgtc 60
 tacaagttta ttagcagaag tgggtggtctg ctagacaaat aattttgcaa aatttttcta 120
 catctaagtt acctcatcag taagtgccat gtctctacca tgccatcaga ggctaatttc 180
 ctgtaaaagt tgtggaaatt gttagaacaa tagaaaaata gagcagtgtg tgtgtgccaa 240
 aactcatcat tactcaaagg agaactgtgt taggcacatt taagaaagtt tacatctgac 300

<210> 709
 <211> 285
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(285)
 <223> n = A,T,C or G

<400> 709
 gagagagaga gagagagaga gagagagaga gagagagaga gagagagaga gagagagaga 60
 gagagagaga gagagagaga gagagagaga gagagagaga gagagagaga gagagagaga 120
 gagagagaga gagagagaga gagagagaga gagagagaga gannnnnnnn nggtcttctc 180
 ntgcntgatg cctcttntca ctgcctggan ccctgntnna ngccctcgna tctcccntgc 240
 tnccgngcct ttnttngan cctggtggtc tctctccca ttgct 285

<210> 710
 <211> 275
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(275)
 <223> n = A,T,C or G

<400> 710
 gagagagaga gagagagaga gagagagaga gagagagaga gagagagaga gagagagaga 60
 gagagagaga gagagagaga gagagagaga gagagagaga gagagagaga gagagagaga 120
 gagagagaga gagagagaga gagagagaga gagagagaga gannnnnnnn nnnngngngcn 180
 ctccccgcgc cnngnctnnc ncnctntnnt tctctctctc tcgngcnccc ccnccncccc 240
 cnnacacnn nnncagagng nnnctctctc tntnt 275

<210> 711
 <211> 266
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(266)
 <223> n = A,T,C or G

<400> 711
 ataacacaga ctttcaagga ccaaggattg gaggttttaa agcaggaaac agcagttggt 60
 gaaaacgtcc ccattttggg actttatcag attccagctg aggggtggagg ccggattgta 120
 ctgtatgggg actccaattg cttggatgac agtcacgcac tgaaggactg cttttggcct 180

ctggatgccc tnnnnnnnnn nnnntngtgt gngtgnnnn nntanctnnn nnnntttng 240
nncctnnnt gnnnttntnn nnnct 266

<210> 712
<211> 300
<212> DNA
<213> Homo sapiens

<400> 712
gtgtggaacc tgcagggcct ctatagtgtc tgggccccag tctccaagg cgagaatgga 60
ccctgatgga cttggacatg gagctgtcct tgatgcagcc cttggttcca gagcggggtg 120
agcctgagct ggcggtcaag gggttaaatt ctccaagccc aggtaatggt tgtgatgact 180
cctacctggg aggacgccgt gattgggctg agctacctg attgagttag ggggcaatct 240
gcaatttgca gggaaatcct gagttcaggc tgcactgcag agcggttcct gagccacca 300

<210> 713
<211> 300
<212> DNA
<213> Homo sapiens

<400> 713
tgtggagaag ctttcttttt ctatgggaaa tcacttctgg agttggcaag aatggagaat 60
ggtgtgttg gaaacgcctt ggaaggtgtg catgtggaac atcattctca ccaccagtct 120
cttctctgtg ctttcttcc tgacgtggag tgtggtgaac tcagtgcatt gggccaatgg 180
ttcgacacag gctctgccag ccacaacat cctgctgctt ctgacggtt ggctgctggt 240
gggctttccc ctactgtca ttggaggcat ctttgggaag aacaacgcca gccccttga 300

<210> 714
<211> 291
<212> DNA
<213> Homo sapiens

<400> 714
gttttgctcg tttaggaac cgccattctg cctggggacg tcggagcaag cttgatttag 60
gtgacactat agaatacaag ctactgttc tttttgcagg atcccatcga ttccaattcg 120
gcacgaggtt atgtctggct gtagctgttg gtcacgtgaa gatgacagac gatgagcttg 180
tgtataacat tcacctggct gtcaacttct tgggtgcatt gctcaagaaa aactggcaga 240
atgtccgggc cttatatatc aagagcacca tgggcaagcc ccagcgcccta t 291

<210> 715
<211> 294
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(294)
<223> n = A,T,C or G

<400> 715
tcctccangg ccgtggttgt gaaaaaggct gaggcccctg atgggaagct ggtgtctgag 60
tcctctgacg tcctgcccc gtgcacaagt tcggcagccc ctcccagcct tcccctcctg 120
cgctgcccc gagcctggga aggaggccgc tttgcagggt agcactggga acagggaacc 180
cccctgaggc tccgcccctag cccttagccc gctggggag tttacttct ggggaccccc 240
cttgcccctg cctccagcta caacaccatt ccattgcttt ttttttggt ccag 294

<210> 716
<211> 289
<212> DNA
<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(289)
 <223> n = A,T,C or G

<400> 716
 ggtagttaag cccccccaaa acaagacgga aagtgaaaat acttcagata aacccaaaag 60
 aaagaaaaag ggaggcaaaa atggaaaaaa tagaagaaac agaaagaaga aaaatccatg 120
 taatgcagaa tttcaaaatt tctgcattca cggagaatgc taatatatag agcacctgga 180
 agcagtaaca tgcaaatgtc agcaagaata tncgntnaan gganctgtnn atgctanttn 240
 ananataatc nnagctggan agggagcttt ttaagcttaa nnnaatgtt 289

<210> 717
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 717
 cgacggcaag gtggtgctgt cccggcagta cggctcggag ggccgcttca cgttcacctc 60
 ccacacgccc ggtgaccatc aaatctgtct gcactccaat tctaccagga tggctctctt 120
 cgctggtggc aaactgcggg tgcattctga catccaggtt ggggagcatg ccaacaacta 180
 ccctgagatt gctgcaaaaag ataagctgac ggagctacag ctccgcgccc gccagttgct 240
 tgatcaggtg gaacagattc agaaggagca ggattaccaa aggtatcgtg aagagcgctt 300

<210> 718
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 718
 ggggggattc cactcctgtt ttgtgagtag gcgacccatg ggctgcccag ccttaaagcc 60
 agaacaaggg tgtcccctga cctcgttcca ctgccctcct cccgttccca tctttccccc 120
 ctaccttccc cttaggcagc tctgagaatg gtggatgtgg tggagaaaga agatgtgaat 180
 gaagccatca ggctaattga gatgtcaaag gactctcttc taggagacaa ggggcagaca 240
 gctaggactc agagaccagc agatgtgata tttgccaccg tccgtgaact ggtctcaggg 300

<210> 719
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 719
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 gcagtgactg tgggaaagca tttagtcaga gctccagcct tattcagcat cggagaattc 120
 aacttgagga aaagcctcac gtgtgtaatg tatgtggaaa agcctttagt tatagctcag 180
 tgctccgaaa gcaccagatc atccacacgg gagagaagcc gtacagatgc agtgtctgtg 240
 ggaaggcctt cagccacagc tcagccctca ttcagcacca gggcgtgcac acaggcgaca 300

<210> 720
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

<400> 720
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 nnnnnntta acatatttta aaaatcanat gagtntata aataatttaa anaagnaga 120

gtattttattt	ttggcatgtt	tggcccacca	cacanactnt	gngtgtgtat	gtgtgngttt	180
atatgtgtat	gtgngtgaca	naaaaaatntg	taaanaanag	gcncatntat	ggntactgnt	240
caaatnctta	aagataantt	nattttcaca	cagtccacaa	ggggtatatc	ttgtagtttt	300

<210> 721

<211> 300

<212> DNA

<213> Homo sapiens

<400> 721

gtttgtgcat	cacttgggtca	ccattgggct	tatctccttc	tcctacatca	acaatatggg	60
tcgagtggga	actctgatca	tgtgtctaca	tgatgtctca	gatttcttgc	tggaggcagc	120
caaaactggcc	aattatgcc	agtatcagcg	gctctgtgac	accctttttg	tgatcttcag	180
tgctgttttt	atggttacac	gactaggaat	ctatccattc	tggattctga	acacgaccct	240
ctttgagagt	tgggagataa	tcgggcctta	tgcttcatgg	tggctcctca	atggcctgct	300

<210> 722

<211> 300

<212> DNA

<213> Homo sapiens

<400> 722

acaacattca	gcatgcagac	ccgccagtgc	agatccttta	caaccgcacc	atggtgcagc	60
tgggcatctg	tgcttccgc	caaggcctga	ccaaggacgc	acacaacgcc	ctgctggaca	120
tccagtcgag	tggccgagcc	aaggagcttc	tgggccaggg	cctgctgctg	cagccccagc	180
taaggttgaa	gccaaaggaag	agtcggagga	gtcggacgag	gatatgggat	ttggtctctt	240
tgactaatca	ccaaaaagca	accaacttag	ccagttttat	ttgcaaaaca	aggaaataaa	300

<210> 723

<211> 300

<212> DNA

<213> Homo sapiens

<400> 723

gcaaggcgcc	gggggacacg	ttggctgcgt	tttcggcgga	ctggccgggt	acaaaaatgg	60
ctgtggctag	cgatttctac	ctgcgctact	acgtagggca	caagggcaag	tttgggcacg	120
agtttctgga	gttcgaatth	cggccggacg	gaaagcttag	atatgccaac	aacagcaatt	180
acaaaaatga	tgtgatgatc	agaaaagagg	cttatgtgca	caagagtgtg	atggaagaac	240
tgaagagaat	tattgatgac	agtgaatta	caaaagaaga	tgatgctttg	tggcctcccc	300

<210> 724

<211> 300

<212> DNA

<213> Homo sapiens

<400> 724

agaaaacaac	ttggcatttc	tatactttac	aggaaaaaaa	attctgttgt	tccattttat	60
gcagaagcat	atthtgcctg	tttgaaagat	tatgatgcat	acagttttct	agcaattttc	120
tttgtttctt	tttacagcat	tgtctttgct	gtactcttgc	tgatggctgc	tagattttta	180
tttatttgtt	tcctactctg	ataatattag	tgattctgat	ttcagttttt	catttgtttt	240
gcttttgttt	ttttctcat	gtaacattgg	tgaaggatcc	aggaaataga	ctcaaagggg	300

<210> 725

<211> 300

<212> DNA

<213> Homo sapiens

<400> 725

tgtagaggag	gtgaggaaat	actttaatgt	gttggaacc	atgggtttga	acagaagata	60
cgcatatgga	gtggggaatg	gaaagaaaac	tttgtgtctac	atttactgta	aattatatct	120
tattgattca	gtaaattcag	gtggaatacg	gaagttcaaa	tttaaagatt	acccatggac	180

tcttgacctc	aggtgatcca	ccgcctcag	cctcccagtg	ggctgggatt	acaggtgtga	240
gccaccatgc	ccagcctcat	cattcttatt	aactggttta	atcctttcaa	taatcctatt	300

<210> 726

<211> 300

<212> DNA

<213> Homo sapiens

<400> 726

tcggcacgag	ggcaagggac	ttcctgtaac	aatgcatctc	atatttggaa	tgacccagtc	60
ctctcccaag	tccacacagg	ggaggtgata	gcattgcttt	cgtgtaaatt	atgtaatgca	120
aaattttttt	aatcttcgcc	ttaatacttt	tttattttgt	tttattttga	atgatgagcc	180
ttcgtgcccc	cccttcccc	ttttttgtcc	cccaacttga	gatgtatgaa	ggcttttggg	240
ctccctggga	gtgggtggag	gcagccaggg	cttacctgta	caactgactg	agaccagttg	300

<210> 727

<211> 300

<212> DNA

<213> Homo sapiens

<400> 727

cgtccgctct	cattggctct	gctgggtccag	aaagcagccc	aggcctttaa	ctccgggctg	60
ctgtgtgtgg	catgtggttc	ataccgacgg	ggaaaggcga	cctgtggtga	tgctcgacgtg	120
ctcatcactc	accagatgg	ctgggtccac	cgggggtatct	tcagccgcct	ccttgacagt	180
cttcggcagg	aagggttcct	cacagatgac	ttggtgagcc	aagaggagaa	tggtcagcaa	240
cagaagtact	tgggggtgtg	ccggctccca	gggccagggc	ggcggcaccg	gcgcctggac	300

<210> 728

<211> 300

<212> DNA

<213> Homo sapiens

<400> 728

atagtcagaa	aacaacctgg	cattttctata	ctttacagga	aaaaaaattc	tgttgttcca	60
ttttatgcag	aagcatatct	tgctggtttg	aaagattatg	atgcatacag	ttttctagca	120
attttctttg	tttcttttta	cagcattgtc	tttgctgtac	tcttgctgat	ggctgctaga	180
ttttaattta	tttgtttccc	tacttgataa	tattagtgat	tctgatttca	gtttttcatt	240
tgttttgctt	ttgttttttt	cctcatgtaa	cattggtgaa	ggatccagga	atatgacaca	300

<210> 729

<211> 300

<212> DNA

<213> Homo sapiens

<400> 729

gtccaggctt	ccttctgatg	gccaaaccac	ctttaatgct	ggccagtcta	tctcacacaa	60
agttctaagt	tttccagggtg	tcatagtaac	tccatagctc	cctttaaattc	cctttttgaa	120
atttttcaac	atagttccta	gtgggatggg	cttactttgt	gcctgaccca	tgttttctca	180
agacaaaaca	ccatggcagg	aacagccact	tgcactctgt	cccggtgcc	caactgcgggtg	240
cttggtgtgg	ttgtggagcc	tgccctgcg	cgccttgctc	ccgttgagcc	acgtgtctctg	300

<210> 730

<211> 300

<212> DNA

<213> Homo sapiens

<400> 730

gataaatacc	tcagccccctc	gccttctctca	acccacctgg	caagtcttct	taggatctga	60
tcccagtttt	ctggaagcaa	tctacccca	gcccaagctt	cccagagtcg	agccttaattc	120
cttctcactt	ctcagtgtca	gagcagaaat	gaatcctggg	gttgactgtg	tccattcggg	180
ttatttagcag	ctaagaagcc	cagacagagta	gtgtgagctg	ccttgggagc	ctcagtgagg	240

gcactggggac tggcctcact ctcttgcccc cagcctagtg ggctttctcc tctgtctctc 300

<210> 731

<211> 300

<212> DNA

<213> Homo sapiens

<400> 731

gtccatacat	ggagctccct	ggagcccgtg	tgctctcgtg	tgactgaacg	ttttgtgatg	60
aaaggaggag	aggctgtctg	cctttatgag	gagccagtgt	ctgaattgct	gaggagatgt	120
gggaattgca	cacgggaaag	ctgtgtggtt	tccttttacc	tttcagctga	ccatgaactc	180
ctgagcccga	ccaactacca	cttcctgtcc	tcaccgaagg	aggccgtggg	gctctgcaag	240
gcgcagatca	ctgccatcat	ctctcagcaa	ggtgacatat	ttgtttttga	cctggagacc	300

<210> 732

<211> 300

<212> DNA

<213> Homo sapiens

<400> 732

cactgggttc	caagttgctt	tgctgaataa	ggatttgaag	ccacagacat	ttagaaatgc	60
ttatgacata	ccaagacgaa	atcttttgga	tcacttaaca	agaatgagat	ctaattcttt	120
gaagagcact	cgcagatttc	tgaaaggaca	ggacgaagat	caagtgcaca	gtgttcctat	180
agcacaatg	gggaactacc	aggaatacct	caagcaagta	ccttctccac	taagagaact	240
tgatcctgat	cagccacgaa	ggttgcatat	atttggaac	ccctttaagc	tggataagaa	300

<210> 733

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(300)

<223> n = A,T,C or G

<400> 733

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aacctctact	tggtggccac	cacatcgaag	aatgccaatg	cctccctggt	gtactccttc	120
ctgtataaga	caatagaggt	attctgcgaa	tacttcaagg	agctggagga	ggagagcatc	180
cgggacaact	ttgtcatcgt	ctacgagttg	ctggacgagc	tcattggactt	tggcttcccg	240
cagaccaccg	acagcaagat	cctgcaggag	tacatcactc	agcagagcan	caagctggag	300

<210> 734

<211> 300

<212> DNA

<213> Homo sapiens

<400> 734

ggcgccctgg	ccccgtgct	gagccacggc	caggtccact	tcctatggat	caaacacagc	60
aacctctact	tggtggccac	cacatcgaag	aatgccaatg	cctccctggt	gtactccttc	120
ctgtataaga	caatagaggt	attctgcgaa	tacttcaagg	agctggagga	ggagagcatc	180
cgggacaact	ttgtcatcgt	ctacgagttg	ctggacgagc	tcattggactt	tggcttcccg	240
cagaccaccg	acagcaagat	cctgcaggag	tacatcactc	agcagagcaa	caagctggag	300

<210> 735

<211> 300

<212> DNA

<213> Homo sapiens

<400> 735

ggcacaagga	ccctcctgcc	aacctgtttg	aagacatgga	cctcaacaag	gatggcgagg	60
tccctccgga	ggagttctcc	accttcatca	aggctcaagt	gagtgagggc	aaaggacgcc	120
tcatgcctgg	gcaggaccct	gagaaaacca	taggagacat	gttccagaac	caggaccgca	180
accaggacgg	caagatcaca	gtcgacgagc	tcaagctgaa	gtcagatgag	gacgatgagc	240
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<210> 736
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

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gccccccctc	atcaggaggg
tcttgcgct	atgccgttta
ggatgtgggt	caccgcccag
tccagtgaac	aaacctgctg
aatgtggaag	gtgtttcctc
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cccggtattga	gctctgcctt
gctctgcctt	tgctctgcct
	60
	120
	180
	240
	300

<210> 737
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 737	
agaaccatca	tgggctggac
gaccaggggtg	gttgggacgg
accatctttg	tggcgggagt
ggcccccagc	tgcttggac
ggtggggatt	gggggacatg
attggacttc	ctccgggagc
tactttggga	cgcccacgtg
tcaactacca	tctggaagaa
ctccataaat	tatggcattt
ttacttttgt	aattattggg
ctggatccaa	gcagaccgtg
gatgggctga	gatgggctga
ttctgggagg	ttctgggagg
gggtgtgggg	gggtgtgggg
	60
	120
	180
	240
	300

<210> 738
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 738	
gaatgacatt	catgccagtt
tgatgaaaac	ttggggcaaa
tgatcatgtt	gaatatgtta
ttattgtgat	tctatggaa
caatggacca	tttcagtatt
cttccctgaa	tggcagaagc
tgctgtttgc	attcaccaag
gcatttgaca	agcgattcag
agaagagtct	ttagacagct
tcattccagt	caacccatgg
actgaagaag	taaggcccat
atataaatga	atataaatga
acagtgaagt	acagtgaagt
ttacgtccaa	ttacgtccaa
aaaattctgg	aaaattctgg
	60
	120
	180
	240
	300

<210> 739
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 739	
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cttgacgcgc	cagctgggtac
gtacgagacg	aggttcctgt
gctgcggctc	agcacagtag
agtccaattt	gctctcaagt
cgacccccacc	gtgctgctgg
cgtgcgcggg	gtgatcacca
acaggagtgg	aagagactag
ttggacaacc	tccagaaggg
gggccagtgt	gtttacgtgc
ggttgaggag	ggttgaggag
tgaacgagga	tgaacgagga
gagtcgagca	gagtcgagca
tccagaaggg	tccagaaggg
attgtaaggc	attgtaaggc
	60
	120
	180
	240
	300

<210> 740
 <211> 300

<212> DNA
<213> Homo sapiens

<400> 740
gtacgagagt ctgttgaaca acaggetgat agtttcaaag caacacgttt taaccttgaa 60
actgaatgga agaataaact atcctcgcct gcgggaactt gaccggaatg aactatttga 120
aaaagctaaa aatgaaatcc ttgatgaagt taccagtctg agccagggtta caccaaaaca 180
ttggggaggaa atccttcaac aatctttgtg ggaaagagta tcaactcatg tgattgaaaa 240
catctacctt ccagctgcgc agaccatgaa ttcaggaact tttaacacca cagtggatat 300

<210> 741
<211> 300
<212> DNA
<213> Homo sapiens

<400> 741
cagtccttca atgccgtcgt caattacacc aacagaagtg gagacgcacc cctcactgtc 60
aatgagtttg gaacagctta cgtttctgca acaactgggtg ccgtagcaac agctctagga 120
ctcaatgcat tgaccaagca tgtctcacca ctgataggac gttttgttcc ctttctgtgc 180
gtagctgctg ctaattgcat taatattcca ttaatgaggc aaaggggaact caaagttggc 240
attcccgtca cggatgagaa tgggaaccgc ttgggggagt cggcgaacgc tgcgaacaa 300

<210> 742
<211> 300
<212> DNA
<213> Homo sapiens

<400> 742
ggctagcgat ttctacctgc gctactacgt agggcacaag ggcaagtttg ggcacgagtt 60
tctggagttc gaatttcggc cggacggaaa gcttagatat gccacaaca gcaattacaa 120
aaatgatgtg atgatcagaa aagaggctta tgtgcacaag agtgtaattg aagaactgaa 180
gagaattatt gatgacagtg aaattacaaa agaagatgat gctttgtggc ctccccctga 240
tagggttggc cgacaggagc ttgaaattgt aattggagat gagcacatat cttttaccac 300

<210> 743
<211> 300
<212> DNA
<213> Homo sapiens

<400> 743
ggatcctttc cagacagaag accccttcaa atctgaccca tttaaaggag ctgaccctt 60
caaaggcgac ccgttccaga atgacccctt tgcagaacag cagacaactt caacagatcc 120
atttgagggg gaccctttca aagaaagtga cccattccgt ggctctgcca ctgacgactt 180
cttcaagaaa cagacaaaga atgacccatt tacctcgat ccattcacga aaaacccttc 240
cttaccttcg aagctcgacc cctttgaatc cagtgatccc ttttcatcct ccagtgtctc 300

<210> 744
<211> 300
<212> DNA
<213> Homo sapiens

<400> 744
agaaaaatgtg ggatcaagaa aaggaccatt tgaaaaagt caatgagttg atggttatgt 60
tcagggtccg gccaacagtt ctgatgccct tgtggaacgt gctggggttt gcactggggg 120
cggggaccgc cttgctcggg aaggaagggtg ccatggcctg caccgtggcg gtggaagaga 180
gcatagcaca tactacaac aaccagatca ggacgctgat ggaggaggac cctgaaaaat 240
acgaggaact tcttcagctg ataaagaaat ttcgggatga agagcttgag caccatgaca 300

<210> 745
<211> 300
<212> DNA

<213> Homo sapiens

<400> 745

attcatgcc	gttcttccct	gaatggcaga	agcactgaag	aagtaaagcc	cattgatgaa	60
aacttggggc	aaactggaaa	atctgctgtt	tgcattcacc	aagatataaa	tgatgatcat	120
gttgaagatg	ttacaggaat	tcagcatttg	acaagcgatt	cagacagtga	agtttactgt	180
gattctatgg	aacaatttgg	acaagaagag	tcttttagaca	gctttacgtc	caacaatgga	240
ccatttcagt	attacttggg	tggtcattcc	agtcaacc	tggaataatc	tggtttcgt	300

<210> 746

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(300)

<223> n = A,T,C or G

<400> 746

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gcctgctagt	tcattcttga	aatccttggc	tttaagctcc	aacttagtcc	tctgcttaat	120
ctgctcttgt	ctttcagcac	taagctgttc	tttttcttct	ttcatagctg	aaatttttgt	180
tttcaattct	ctaacttggc	gttcgatatc	ctccatttta	tctcttgc	cctgctgagc	240
atctcttaat	tgtctggatt	tttctccact	agtctctcgc	ttagcagaaa	gctcatcaag	300

<210> 747

<211> 300

<212> DNA

<213> Homo sapiens

<400> 747

ccgaagaat	ataacacatt	ttggacctac	aactccttaga	tcaactcttg	cctatgggat	60
gctcaggctc	tgtgatcctc	taccttatga	tataatagtc	gatccaatgt	gtggaactgg	120
ggcaataacca	atagaggggg	ccactgaatg	gtctgactgc	ttccatattg	ctgggtgataa	180
taatccactg	gctgtgaata	gagcagcaaa	taacattgca	tctttattga	ccaagagcca	240
aattaaagaa	ggcaaaccct	cctggggcct	gcccatagat	gctgttcagt	gggatatctg	300

<210> 748

<211> 300

<212> DNA

<213> Homo sapiens

<400> 748

attctctcaa	taatggccag	ccgaaaagta	cgcgctgcc	ggcatctgcc	tccgcggagt	60
cattaaactc	ccacagtgg	cacccactg	ctgatgtaca	gactttccag	gcaaagcgcc	120
atattcatca	acaccgtcag	tcttactgta	attataacac	tgagggtcag	ttagagggca	180
atgcagccac	ttcctatcag	aagcagactg	acaaaccag	ccactgtagc	cagtttgtga	240
cacctccg	gatgaggaga	cagttctcag	cacccaatct	caaagctgg	cgagaaacca	300

<210> 749

<211> 300

<212> DNA

<213> Homo sapiens

<400> 749

tttacaatca	ggaacttaac	gagactcgtg	ccaaacttga	tgagctttct	gctaagcgag	60
agactagtgg	agaaaaatcc	agacaattaa	gagatgctca	gcaggatgca	agagataaaa	120
tgaggagatat	cgaacgccaa	gttagagaat	tgaaaacaaa	aatttcagct	atgaaagaag	180
aaaaagaaca	gcttagtgct	gaaagacaag	agcagattaa	gcagaggact	aagttggagc	240
ttaaagccaa	ggatttacia	gatgaactag	caggcaatag	tgaacaaagg	aaacgtttat	300

<210> 750
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 750
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 ttggtaccca ttgaacctgc ttgagcgtgt tggatttgaa gaagtcattg tggttacaac 120
 cagggatgtt caaaaggctc tatgtgcaga attcaagatg aaaatgaagc cagatattgt 180
 gtgtattcct gatgatgctg acatgggaac tgcagattct ttgcgctaca tatatccaaa 240
 acttaagaca gatgtgctgg tgctgagctg tgatctgata acagacgttg ccttacatga 300

<210> 751
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 751
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 attcctttgg atgatattga atttgctaag ggtagaggaa catttccctg tgatatttct 120
 gtccttgata ttcacaaaga tttagactgg aatcctaag tttctaccct gaatgtctgg 180
 cctctttata tctgtgatga tgggtgcggtc atattttata gggataaaac agaagaatta 240
 atggaattga cagatgagca aagaaatgaa ctgatgaaaa aagaaagcag tcgactccag 300

<210> 752
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 752
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 gacagacttc ctgggagggg acatcttaac gaacctggta ctagagaagg acagactcgt 120
 ctaatcagag atggggagaa agtcgaagcc tatcagtga gtgttagtga agggaggtgg 180
 ataaaaattg gtgatgttgt tggctcatct ggtgctaadc agcaaacatc tggaaaagtt 240
 ttatatgaag ggaaagaatt tgattatgtt ttctcaattg atgtcaatga aggtggacca 300

<210> 753
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 753
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 aaggagggtg gataaaaatt ggtgatgttg ttggctcatc tgggtgctaac cagcaaacat 120
 ctggaaaagt tttatatgaa gggaaagaat ttgattatgt tttctcaatt gatgtcaatg 180
 aagggtggacc atcatataaa ttgccatata ataccagtga tgacccttgg ttaactgcat 240
 acaacttctt acagaagaat gatttgaatc ctatgtttct ggatcaagta gctaaattta 300

<210> 754
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 754
 cagagatcaa acaattgtag atcccttcag ttcaaaacat aatgtgattg tgggcagaaa 60
 tggatctgga aaaagtaact ttttttatgc aattcagttt gttctcagtg atgagtttag 120
 tcatcttcgt ccagaacagc ggttggcttt attgcatgaa ggtactggct ctcgtgttat 180
 ttctgctttt gtggagatta tttttgataa ttcagacaac cggttaccaa tcgataaaga 240
 ggaagtttca cttcgaagag ttattggtgc caaaaaggat cagtatttct tagacaagaa 300

<210> 755
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 755
 cagcggatgg ccgaaaatct aggcttcggt gggcctttga aaagccaggc tgcagatcaa 60
 attacgaagc tgtataatct cttcctgaaa attgatgcta ctcagggtga agtgaatccc 120
 tttggtgaaa ctccagaagg acaagttgtc tgttttgatg ccaagataaa ctttgatgac 180
 aacgcagaat tccgacaaaa agacatattt gctatggacg acaaatcaga gaatgagccc 240
 attgaaaatg aagctgccaa atatgatcta aaatacatag gactagatgg gaacattgcc 300

<210> 756
 <211> 191
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(191)
 <223> n = A,T,C or G

<400> 756
 cccagctcct tgggaggctg aggcggggaga attgcttgaa cccgggggacg gaggttgcag 60
 tgagccgaga tcgcaactgct gtaccagacc tgggccacag tgcaagactc catctcaaaa 120
 aaaaaaaaaann aaaaaaaaaan ccctgttaan nncannngtn taagngaatn gttnangnct 180
 ttaaannagg t 191

<210> 757
 <211> 179
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(179)
 <223> n = A,T,C or G

<400> 757
 caaataagtt aaatgtatat ggcattggat tggaattgga ggtatcagtg tgaactcatg 60
 gttttgggtt ttttgttttt tgcctttttt gttttgtttt tgttttttga ggcagggtgt 120
 cactctgttg cccaggctgg agtgcattag ncaccatnac agntnagcac annctatgc 179

<210> 758
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

<400> 758
 caacagtcctc aaccagtcga attagaccca tttggtgctg ctccatttcc ttctaaacag 60
 tagatacttc tgatggattc tcggcattaa ctctgtttc ataaaagtgt gaacagtttt 120
 atgaatttga aagaaaattt ggtagctctt tatagcattc attcttaaag atcagtccta 180
 ataggtgatn tntaaatnnn ccanntanaa gaatgaagcn tctctacngg gtagtaactt 240
 gatnctctt nagganaana gggngctaaa tngcaagctc tnactaatgg ttctgctact 300

<210> 759

<211> 62
 <212> DNA
 <213> Homo sapiens

<400> 759
 ggggtatcag ttactggatc taagcatgtc cactctacac gctttttttt tttttttttt 60
 tt 62

<210> 760
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 760
 cacaaggtca ggagttggag accagcctgg ccaacgtggt gaaaccccgct ctctactaaa 60
 aatacaaaaa ttagccgggc gtggtggcac atgcctgcag tcccagctac tgagaaggct 120
 gaggcaggag aatcgtttga atctgggagg tggaggctgc agtgagccaa gattgcgcca 180
 ctacacttca gcctgggcaa cagagtgaga ctctgtctaa aaaaaaacac taagcatgta 240
 gtttctatat aactagaagc ataggatatt ctgatctgca atccatcaat cagtgccaat 300

<210> 761
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 761
 tttgaatatg gactatagtt agataatagt cttaggtaat agttaaatgt cctggggtttg 60
 attattgtgg ttatatgggg gaatgtcctt gtactcagaa gacatatgct gaagtacagt 120
 atttagagat aaaagtgtca tgtttgcaac taactttcaa atagttcaga aaaaaaata 180
 tgtatatatg tgtctgtgcc tgtatatgaa agagagaaca caaatgtggc aaaatattaa 240
 caattgggtgg gccaggtatg gtgggtggct catgcctgta atcccagccc tctgggaggc 300

<210> 762
 <211> 284
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (284)
 <223> n = A,T,C or G

<400> 762
 cctttaaaag gcagctgcaa atgacccatt tttgtgataa aactaactca gagtacaggt 60
 gcaacccac tgatgtaaac agcttttgag gctttgaggt tttagatgac agtcatctaa 120
 aacaccagct tctcaaatac atcagcttca ggcctgggct gagcctgagg agcctcctag 180
 gaagttagag atttttgagc tcaaagggtc caggagaggc ccaatagttt tcatgcttca 240
 ttaaccgaa ggcttcccga caatcgncca agggtttcta aaag 284

<210> 763
 <211> 289
 <212> DNA
 <213> Homo sapiens

<400> 763
 caaagatact ggatactaga aggcagtgga ggaaggtcctt ccaagtgagg atgaaacatt 60
 ttaaacctag gatccattaa atccgaaggc taaagaaagt caccacacat caggactaaa 120
 atgttgactt cccataaaca ctattttatt ttatttttat tttattattt tattttattg 180
 tatttttctt agactgagtc ttgctctgtt gccaggctca agttgcagtg agccaagatc 240
 acgccactgc attccagcct gggcgacaga gcaagattcc atcttaaaa 289

<210> 764
 <211> 295
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(295)
 <223> n = A,T,C or G

<400> 764
 ccagcctggc caacatggca aaacactgtg tacactacaa atagaaaaat tggccgggca 60
 tcatggtgtg tgcccgtagt cccacctact caggaggctg aggcaggaga atcgcttgag 120
 cctggagggc ggaggttgca gtgagacgat accgtaccac tgcactccag cctgggcaac 180
 agcaagactc cgtctccaaa aaaaaaatt taaaangatt tttnttatgg nggtttcana 240
 aatggttgtg nggcaggctg gntgnantgg cacangcctg nantnccagc acttt 295

<210> 765
 <211> 297
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(297)
 <223> n = A,T,C or G

<400> 765
 cagtgaatnn gtaagttcaa tctgtngcnn atngaggtaa aatatttata gnataaanct 60
 gngcagctta nccanttttg aatatgcaat tcagtggatt aagtacattn tcantgttgt 120
 anagccatcg ccatcatcca tctccagaag ttgtgcatct taccaaattc tgtgccaggt 180
 gaacaataac tccccacctc cccttccctt agcaacagcc accccttttg tctctatcat 240
 caacttcact actcatattt ctcatgtaag tggaatcata cagtatttgt ccttttg 297

<210> 766
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 766
 ctctcatgga gctccagagt gacatccagc attgttagca tgcgatcaac atcatagacc 60
 atcagtgtgc aacacgagtt accaagaggg gctttcttag tggaaagaga gtgataaatt 120
 ggtaacatgg aagctacttc ctgtgttctt tttctgagaa ctagaagaag gaatacaagt 180
 tggcccatg ctaatgtgta tatacctttt ttacatacca atcactagtg tgtttagaaa 240
 ttaggaaagg tcagtaagtc tccagtatat ataaacatct atagtgtatg gaaagggtctt 300

<210> 767
 <211> 290
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(290)
 <223> n = A,T,C or G

<400> 767
 cgagtttttt tttttttttt ttttaatanat ncggcanttt natttcaatc gcccaancna 60
 anttancnng nngnaanctt aaangaacca anttnaacn aanagttcc ggnaaaaata 120
 ncaaaaaancn gaaantnta aaagggaagn cccctaaaa ncnnngaaaat tcacnnttcn 180
 ttagggttnc ntnttcantt tngatngncn ctngaggctn gcaanttttn aancaanctt 240

tnaaatcnng angnctnttn tgaaaaanatt tcanccccan cnctaaaatt 290

<210> 768
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 768
 agggacaagg ctataaatat cattaatacc aggttcagga gtttgactg cactaaaaat 60
 caactcagct atttgagcac cttttataga gtggaaatgg ggttgggcag tagagaagag 120
 cacttttaga gaggtctttc tgcagtagtc aggggttaca cctgttaacc agccataatt 180
 ttttttttaa gcggctgtgc tgaggatgag ccccatgtag ttggtgcagg tggggacaca 240
 ctgcctgtgt aactagaaaa actaggcatg gccgggcacg gtggctcaca cctgtaatcc 300

<210> 769
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 769
 ctgcaatttc tccaaagctt gccactttcc agcctgtttc cccaattcct ctgtgctctc 60
 ctagagctct gtctgaatcc tcgcagccac acctaggtct gagaactcag gctttgagtt 120
 actgatcttc cttggattag gagaacaggt gttcctctc cctctccta gcagccctaa 180
 tgctgacct agcctatcaa gccttaggcg ctggaagaac ccttctcaga cacgcaggac 240
 ccaggtaaag tcaaagcttt gcccttttgc ccactgtctg ctaccagggc taccacctg 300

<210> 770
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 770
 aggggcctta cttactttc ttgcagcact gatggctttt gtttgaggct gcacaaattc 60
 ctgcatttcc cttgggttga atggtaggga tgcgggcagt tgggtgactgg gtgaaccacc 120
 tgacttgagc agggctacga ctctctctgc aaacgaaacc cagagacatg aacagtgtctg 180
 agatttctca gtggtttccc atgtaggctg ctttccaagg gcagcaagca tggcttcac 240
 actcaccagc tgcttctgat tcagcactgt gatgctcggc taagttttaa tgaggtttta 300

<210> 771
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 771
 caagattgag cacacggaga cagatactgt ggaccccaga agcaatggac ggccccccac 60
 tgctgtctgt gtccccaaat ctgcgaaata catcgctcag gtgctgcagg actcagaggt 120
 ggacggggat ggggatgggg ctctctggag ctcaggggat gagccccat catcctcatc 180
 ccaagatgag gagttgctga tgccaccga cgccctcacg gacacagact tccagtcttg 240
 cgaggacagc ctcatagaga atgagattca ccagtaaggg gagggagggg ccctggaggc 300

<210> 772
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 772
 gagtatttgc tgggtcattg gagagtttca cgtaattctt gtgcagattc agcaagagag 60
 tttgccggca tgctttgcac agcccctggt acccagtaag gcgattatta gcattggtgc 120
 ttgctggaat cagatattcc agaatttct gtcacagctc atcggtgccc tcttcttttc 180
 tgtgggtaaa ctgaggcaga aactcaggct ggggtgaact ctgcagcctc agctggagac 240
 ctctgtctggc caaggactgt ggggacacag gccctctagg ctgccacctc atggtccag 300

<210> 773
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 773
 cccacctcgg cttcccaaag tactgggatt acagacgtga gccaccgcac ctggcctaaa 60
 tttcaccatc gtttctattc ataacttacc tgcaaagtga ttatctgact agtactactg 120
 caacaaagat aataaagtgc ctgatgttta tatcaaatag gatatggcat gtttctgagt 180
 gtttctaaag aaaaatactg aatgaacccc tcgcctaacc tagtgctgtg ggtaacaata 240
 actgacatgc attgagcgtc tactgtgtgc cagggtgctg ttcgaggtag ttaccggta 300

<210> 774
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 774
 ccaggcttga agttatctct aatttagagg ttagggacag tgacacagga aagaggctct 60
 gagctttata tctggagatg tgggatcata aaaacgtctt ttaaatctga tgatcattaa 120
 aacacccgga gatgaggcac agctgctaata cggaatacat ttccatttct gcggggattg 180
 agcatgtctt cggaaccctc tgcaatagct ttagaaacaa acgttccttt tatcagggtga 240
 gaaaactacc ctatggcatg cctccggata tgtagttctt cctaggctac aaaatatcag 300

<210> 775
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 775
 ttttcagcca cctccactga ctccacctc caaagtttat actatcagac cttattttcc 60
 taaggatgag gttagtagga gggctgcttt ccctcagcct ggattactgc tttgtcctag 120
 aagatgaaga tggcatatgt gggtatgcct tgggcactgt agatgtgacc ccctttatta 180
 aaaaatgtaa aatttcctg atccccctca tgcaggagaa gtataccaag ccaaagtgtg 240
 acaagggaact ctctgaggct gagaaaataa tggtgagttt ccatgaagaa caggaagtac 300

<210> 776
 <211> 288
 <212> DNA
 <213> Homo sapiens

<400> 776
 gttttctcct gttacatcat gctgaatcct ttcccttagc cattagcttt tattatgtgg 60
 tcttcatagg aaagccaccc tggtgccaag cctagcttgt ggggaggggt atgtgttcca 120
 gaaactgctc tttgtgttcc cttcaatgag gaaacaacat gtgtctactt atgtggcatc 180
 caactgcttg gagctccaca cttccctttc gcgactcagg ctctgggtgct gttgccaatc 240
 cttgcttggc aaagactgtt cgatcatgtg gggtccttat ttacaagg 288

<210> 777
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 777
 tgaaactttg taatttggac cccctaattt tgtacatgtt gatgatagga ataagggctt 60
 cgtttatttt cactgcatgc tctctatgga aagaggatgt gctaagcaaa caagcattgt 120
 aaacaatatt tcagaggcaa gggtttggcc tgctttaaaa aaataaaatg tttgcaagta 180
 caattaaaaa ccagtataag ggacaggggt gggatgaaaa cctgtctcta agattacgaa 240
 gcctgcgtta tttcccttaa atccccctcg aggaagattt gaatccctca tcaacaaatt 300

<210> 778
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

<400> 778
 gcctctgtcc tgaacttttt aaccgggtgc cacaaccgga gggctctccat aggggcaggt 60
 aaacggggat tttaatcatt ttaagtgtct tagaatgata ttttgggaaa aagcactcct 120
 tttcctaagg actgcgactc ggtgaacaga aaggaggcta tgcgggtgtgg ccagccaact 180
 caaggaggac gaagcagcct ttgcctctaa actgcctgga accanangcg tattnttctg 240
 anccntcnna ggnagtgtctg agtactgatg cagtctgtag ggantaactn ccttcccctg 300

<210> 779
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 779
 gttaagagca ctgaagcggg ggtcagaggc ctggctttgt ctataactca ccgagtggca 60
 ctgggcttcc ctctgccttc acgtttcatc tctgacctga ggggcctggc tagatggctc 120
 ttctggcttt gacacatttc tactggggcc caggctcaag tctcgggtggc cctgggtggg 180
 cactggagac tgttctctgt gaggcactt caaggctgcc ccggaggctc cccaacctgc 240
 ttctacagca ccctgggggc gcccttccc taacgaggag ctcccaagat gtagttttgt 300

<210> 780
 <211> 294
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(294)
 <223> n = A,T,C or G

<400> 780
 ctagagtgc atgttgcagt gcaatgctgc aatctgggct cactgcgacc tccacctcct 60
 gaggcaggag aatggcgtga aaccaggagg aggagcttgc agtgagccga gatcgtgcc 120
 ctgcactcca gcctgggtga cagagcgaga ctccgtctca aaaaaaaaaa atntaattat 180
 caaatgcntc ccattnggat agtcctacnt tatngacat taacctatat tcctgggtcc 240
 ttttaattcc caactactge tnttanaggt cttanccttt tatgttaatt tttta 294

<210> 781
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 781
 agtttaaaaa tacttctttg taaaagttat tgcacaaaga aaagacatga atgtgtccct 60
 gttatgtact cacaaggata atgatggggt tgttgctcat taatactgtt tcttgtgcaa 120
 taactttttac aaagaagtat ttttaactg atcattaatt ttatgaccac agaaatgaga 180
 tgcaaaattt atgtattgt cagtggcaca ggctcacagc accactgaca ttttgtgtga 240
 ttgtaataga atggctgcc actaatgatt ctgtagacat ttcatttgag tgtgcttttc 300

<210> 782
 <211> 300
 <212> DNA

<213> Homo sapiens

<400> 782

atggggctgg	ccaggcctca	cccctgatat	ccctgagcat	ctgttcctta	caatattgtg	60
gagtccgtgg	gggcagaagc	taccatcctg	tgccctgcct	cactctcagt	gtgactggtc	120
ttcaggatgt	ttaggtggct	ccacatgcgg	atgtacagct	ttccccctgct	tgttttcccc	180
atggcatatt	aacagcgaga	tctgcaagaa	tacatcattt	tgtacagaac	aggatgtatt	240
tcttttaaac	tacgttcctg	tgtggacaag	tggtatcata	tgcaaagggt	taaggaccgt	300

<210> 783

<211> 300

<212> DNA

<213> Homo sapiens

<400> 783

gctgtgttgc	ccagactggg	cttcacctcc	tgggctcaag	tgatcctcct	ccctcagcct	60
ccccaaagtgc	tgggattata	gatgtgagcc	cctgcaccag	acaattatat	ttatttttaa	120
aaacgcccct	catgaagtct	gggtaattct	ctccagattt	ctccttatca	acaaatttat	180
aagagttagg	aaaaaaatga	tgtaaataaa	gcacttaa	tgcgacagt	gttctattct	240
taacatcata	atgcttatga	ctaaggagca	ttcttttttt	tataaattaa	atgtattctg	300

<210> 784

<211> 300

<212> DNA

<213> Homo sapiens

<400> 784

cccaggtgtc	tatccacttg	ctagaaacca	tcatgagagt	tagataccag	ttttctgctg	60
gaaatacaga	acatttcctg	aaaccgtgtg	gttgagggtga	aacaggcatt	ttgcagtctt	120
atattttgag	taaggccaaa	cctgcctagt	gttataaaac	tagacaaaaa	accaggttac	180
ccggtcttgc	aggatagaaa	tgtgtgacta	aaatgaagca	tcgatctgag	aagactacaa	240
attagcggga	acctttggac	aggagcatgc	tatacattac	ttagattaat	gttgatattt	300

<210> 785

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(300)

<223> n = A,T,C or G

<400> 785

agacaatccc	aaatatttgg	agattgtctt	aactggttta	gtgtagctat	aaaagaatac	60
atgaagctgg	ataatttatg	aagaaaagag	gtttatttgg	ctcacagttc	tataggctat	120
acgagatgca	tcatgccacc	attttcctgg	agcccttcag	gaagcttcca	ctcatggcag	180
aagggtgaagg	gcagccagca	tgttcagtga	tcacgtgggtg	agaggggaagg	caagagagag	240
aagaggggagg	ggtcagggtc	tatttaacaa	ccagcttttg	tnccgtmnca	tgagggtgaga	300

<210> 786

<211> 300

<212> DNA

<213> Homo sapiens

<400> 786

cctatctgtc	tactggttgg	tcttttacac	tacagggtga	cagcaggaga	agatggggtg	60
acctcgtgag	tgctgaatag	cacgaggaaa	taaacagggg	aaggaagttt	gggtgaatag	120
ccaaaaggag	tgtatttttc	cagtgatact	ctcatatcac	cttttctaac	cttcacagca	180
tagatgtgga	cataggattg	gtgcctccat	attgagagtt	gaagcatctg	tggtcaaaata	240
ctgtgtcatg	cttgggtgcta	ccacttgaaa	cagtgtctga	acttagattg	ccctcgtgct	300

<210> 787
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 787
 ggggttcttta acctgtgctt cctctgtcct acttcccatc ctgcacagtt catagagtca 60
 ctttctgact atcctataga cacagtaatt ggacctgtgt ttttttctaa tctttatatg 120
 acagcacatt tcctaattca gggaccatcc cctatcccaa attccatcct gtgagatgtg 180
 aaacctgtga gttcatgtga atgagtgggt gaagggttg acgccatgta gtctcttagg 240
 aaggcttcag ggtgctctta tgttgttgct ttgccattat caaatggcat tgattgatcc 300

<210> 788
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 788
 gccaaagtca gtttttcgcc ttgaatatga agatgctaga aagagctctg catttaagca 60
 gagccttgtg caattcccgg accaaatgct gaaactgcaa gaggccctt taaaagacct 120
 tcttaggcat gtgacttgtt ctctaccaga acctttgggc aacatgaagg aagtcaaagg 180
 catttactgg cttgctgttg ctgcctgcac agcacctgac cctcaaccag cgtgtttgct 240
 cctgcttcag tcaactttat atgctttggt cctgtcagat aatctcggct caatgagcat 300

<210> 789
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 789
 agtcattaca agttaggatc ctgggtaaat ggcaacctcc acctcccagg ttcaagcagt 60
 tctcctgcct cagtccccca catagctggg actacagggg cacaccagct aatttttgta 120
 ttttcagtag agttgggggt ttaccatggt gaccaagctg gtctcaaact cctggcctca 180
 agtgatccgc ccaccttgac ctctcaaagt gctgggatta caggcatgag ccatcacgcc 240
 cggccagctg ttggttctta atgacacagc ttaactttat tgtgaaaaga ttgcagcaac 300

<210> 790
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 790
 ctcatcttat tttgcatata tttaattgag taggttcagc tctaacatac cttaggaaaa 60
 atgcatatcg gtgcactgta tgtatttcaa aatgcctttc ctatgattgt catgtcctcc 120
 tttaaggctt ttccctcaaa ttattataaa atttagtatt tttagtactt gatgactcta 180
 attacatgaa tgcacctgga atgacatttg taacagaaga cagtctgact tgctttcagt 240
 attcacaagt tctttccagt ttccaagtct tttcctagca gtaatttagg ggagacagag 300

<210> 791
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 791
 atgcctgccg gctgagaggc agttggaaga ccaacaagct gagcaggcat ttcagcagat 60
 tcagcagtcg gaggtcacca agaagggtgc tttagtttgg agtttcaaaa ggccatactg 120
 taatagtga ccagaaatca agcagccctc agaaagactg aaacgcattc acggatcatc 180
 tcaatctgat tgcataaagg tggttcaaga tttattagtg ctttttactc gcctctccaa 240
 tttttcatat ataatgtcca gcaccacatc aaaaataacc cagcatagat ggagataaga 300

<210> 792
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 792
 attttcaccc cgaggcattg tctaattgatg tccactgcg aaggataaag atgtagtttt 60
 ctttgactct gccacctccc actactcagc tcaactcatac ttctgccat ctttcacatt 120
 cccaataagt atatcatttt cattacatta gtatcagact ttacattatt atgaccatgt 180
 aaatgctatt tctaactgag ccatgtagta tactctgatt acttttcctt tcttgacaaa 240
 ctttttcttt tctatggatt gctacttatt ttttattggt tatttgctaa gctttctgga 300

<210> 793
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 793
 ctcatgagga catcagttct attgggtcag ggtccacccc ttatgacttc atttaacctt 60
 aattacctct ttaaaggacc tatctccaaa tagtcacatt gtgggttagg gcttcaacat 120
 atgaataatg gagggatata gttcgggtcca taacatacac taactgtctt tgtataactaa 180
 tcctcatttt gacagattgt catttaagaa aaaattattc ttaagtagaa tcattgactt 240
 ggacccaatt ggaagcattg ttgtcacctc tcttttggtg ctcccttttt acctttggat 300

<210> 794
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 794
 caaagatggg cgtattacta aagggtgaata accagcgcg ggggcacgtg gagtcaactgg 60
 aacattttgt caatgctggt gggaatgtca acccgtgcg ccctctggaa taagcctggc 120
 agctcctcca agagttaccg tgtgaccag caattccact cctagctcca cccacaggaa 180
 ttgaaagcaa agacgcaaac agatgcctgt gcaccaaagt tcacggcagc atccttcgcc 240
 atagtggcag catccgtcgt cacagcggca tcatccttca tcatagcggc agcatccgtc 300

<210> 795
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 795
 ctgccatgac tgtcatcttc ttcacgttta gtcagtttat ggacccttg aattctatcc 60
 aaggacaccc aagaggaccc caagtttggg gcctctagag ccctgttggg ggctctgcca 120
 ctggggagtg ttagcgttgc tagctctgct gaggttgaaa tgaacgtgga aaaaataaac 180
 tgatacacat atatgtcttt gtaagttctg ttcaccacat ctgctttgac ctacaacact 240
 gctgtgttta tatcagggtg tttataaaac cttggaaact tcgctttcca ctccatttgc 300

<210> 796
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 796
 aggaagcatt cacatatcct agaatagatg acttggctat caacccttg ccggctgtag 60
 ctccccattt gttgtagtct gtatgtgcta taccacacct agagcagggc gccatgcctg 120
 gctaattttt tttttttact ttttacagag atggggctct actatgttgc ccaggctggt 180
 cttgaactcc tggcttcaag tgatactcct gcctgagcct cccaaagtgc tgggattata 240
 gacatgagca attgtacttg gctcaaattt ttgttttaat tgggcttttt gtcagaagaa 300

<210> 797

<211> 300
 <212> DNA
 <213> Homo sapiens

<400> 797
 ctgcaaatg gactgtgatt caggacctcc tctttaccta cgagcaccct gggagggact 60
 gactaatggc ccagggacac acagtcaccc tctgcaggca acagtcaggc ttctacttgc 120
 tgaagccgctc aagggcttga ctgtcacact cagtgttctg gaaaacaaat cagtaaagca 180
 atttagagga tcttttgcaa atcagagaaa aagaatcaat acaaggcgaa agaattctga 240
 tcagcacttt aaaacgtgct tatcagaaac ttttcttctc tcttttaagc tttggttcta 300

<210> 798
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 798
 gagccacctg aatatttgcc acttagcatg tctgatatct atccttggtt cttgtcacia 60
 gtatcatcca cattacagac cccgttgtag aaaactgaaa ttctgactgt aacgccatca 120
 tgggatagtt ctgacctgct tgctagttag tatgtgaaag cctgaatttt gcttcaaaaa 180
 agccattcag gattaacagt gtattgtgta ataaagtggg ctttgtgtga aagttggaga 240
 tcccttgtag ataattcaga actactggaa gtttcacagt acacttgtaa atgatgaaag 300

<210> 799
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 799
 gataatcaga accagacttt aaaatgtcct gcacgtgtac cctgcttctt ttcagcttcc 60
 ctgccatgta tatccgaggc tttgggccta ggggccttat cagtgtgaaa ttagtcccca 120
 gtgcaaagca gccagtcctc caagagacct tggcagagct gggagtctct tgtgctttgc 180
 cttttgaaga ctcatcagc tctgccatgt ctctcttaca ctgttttgta caaccttact 240
 gcacacttaa cactcgcatg gggatgcagc agtgccccgg cataaggatt ggaggactgt 300

<210> 800
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 800
 ctggatgaag actaagcatt taaatactaa gttgagggca tagtagctgg catgtgccta 60
 taatcccagt gttttgggag gcctaggcgg gaggatgcct tgagcccagg agattgaagc 120
 tgcagtgaat tatgagccaa tgcactccag cctgggtgag agtgagacct tatctcaaaa 180
 cagcaacaac aacaagatac aaattgagaa actgttactt gatttgcgat atgtattctg 240
 tccagcagtg atagaataac aaggactggg tttaccttgc tattttaagc aacaatatat 300

<210> 801
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 801
 acctcttctt cattgttaaa atggaaataa taatactacc tagctcgtgg gattgttgtg 60
 agacaacaac aaatgagaca acagagatct gaaactctgc ctggcccctg gtatatacca 120
 agtccacagt taaattagcc tttgttacta aatcattgtt tgggtagaaa tctcagatt 180
 ttggatttct caagtgtcc ttttctactg tccaaaaggc agaattgtat ttttgctcga 240
 ttccattatg taatattccta tgaatttgaa atttcggagg aggcacagca tggggctgtg 300

<210> 802
 <211> 300

<212> DNA

<213> Homo sapiens

<400> 802

gtgtggaaac	aactttgcat	ttgtaaacag	tttcccctgc	gtgcgaagag	cctagaaact	60
actctctctc	ttgagatctg	atgtccccag	ttcccctcatt	gttgaatgtg	aatagaatag	120
gaaccaccgt	tttgactgtg	tcatggctat	gttgagttat	gtgggggaga	agggcatatg	180
gtagtaaact	gaattctcct	gtctgcctac	agctgcattt	ctcacttggt	tctcttctct	240
ttagtgtgtg	gtacatacct	ctgtcagcac	taataacgtg	taattatttt	atctattttac	300

<210> 803

<211> 300

<212> DNA

<213> Homo sapiens

<400> 803

gctgtcgggc	ctcagcagag	ctgcctaccc	acctgagctc	cgattcatgt	actacgtcga	60
tggcaggggc	cctgatgggtg	gctttcgtca	agtcaaagaa	gctgtcatgc	gttatctgca	120
gacactcagt	tgacacttgt	tatatcatgg	gaccccgga	attggagtga	agctagaaac	180
agaaaaccca	tgcagggcct	cggattccca	caaatgtgac	aagagggtata	gggagtgtgt	240
cgcagcgctt	tgctcgtgac	cctgggatca	gagcaccat	caggcttcca	ttactgtggg	300

<210> 804

<211> 300

<212> DNA

<213> Homo sapiens

<400> 804

cagagaggca	gggataccag	atatggggaa	atctgtaatt	acatgcaggc	attaaatatt	60
taaatatata	ttttcttctt	ttaattgtgg	taaaacacat	ataacataaa	atttatcgtc	120
ttaaccattt	ttaagtgtac	tgttttgtag	tgctgagtgt	attacattat	tatacaacca	180
atttccagca	ccttttcatc	ttgcaaaact	aaaactcttt	acctatttaa	caactactcc	240
ctgtttctcc	ctcctcccag	tccatgagaa	gcaccatttt	actatctttt	ctgtgagttt	300

<210> 805

<211> 290

<212> DNA

<213> Homo sapiens

<400> 805

atgaggtag	aagccattta	atacgaagaa	gagctaaaag	aatgagaacg	tgattgcatg	60
aaatgttttag	ccagaaatct	tgggatatag	gagaagaggg	ggagacttga	ttgattaggt	120
tgtaaatatt	tgctctatgg	accacggtaa	cgtggattag	cattcagagt	agtaaccagt	180
agtgggagtt	ggagtcatag	agtattgggt	ctctttatcc	caggagattt	ccaatggggt	240
cagtttctac	tgacctttta	gagagaccat	gctatgctgt	cttttttttt		290

<210> 806

<211> 300

<212> DNA

<213> Homo sapiens

<400> 806

ctctagcatg	tgccataaat	tacagtgacc	tttaaaatct	cgcttggtca	ctgctgaatg	60
gggtagaata	ggcttggttc	cagtttttaa	ggtcacactg	tcctaatttg	caatgcatca	120
caccatgtac	taagttggta	acaaccgctt	agaggaaagc	tttcgttatg	caagggagaa	180
catcaaaaag	ggcacttatc	ccaaatgaat	gcagcaattt	aaaccaaaga	tgtttacgca	240
gggcaagaac	aaagtaaggc	aggagtgttg	ggtcaactag	gctgatgtct	ttgaacaccc	300

<210> 807

<211> 300

<212> DNA

<213> Homo sapiens

<400> 807

atcgagacca	tcttggttaa	cacggtgaaa	ccccatctct	actaaaaata	caaaaaatta	60
gctgggcata	gtggcagggtg	cctgtagtcc	cagctactcg	ggaggctgag	gcaggagaat	120
ggcgtgaacc	cgggaggcgg	agcttgacgt	gagctgaaat	tgcaacactg	cactccagcc	180
tgggcgacag	agtgagactc	cgtctcaaaa	taaaaaata	aaatgggaat	atcaataggg	240
cctatttagt	agggtggaag	tatagctcta	atgagatggt	ccatactggt	ccccagcac	300

<210> 808

<211> 300

<212> DNA

<213> Homo sapiens

<400> 808

aaatatattt	attggttata	caactgctgt	gtcttttctg	agaaactcag	ccccaatgtg	60
taacaccctg	gattccacgg	ggcagcaaat	tccacacact	gcacccatgt	tgtgagcgga	120
gattttcggg	ctgacaaaaa	cttgaggcga	actgagtctc	catcttaaca	ctcaaacaca	180
cttcatggcg	gcctggaaac	aaggcaatca	ttatgaagct	tcagcccagt	tcttctgaaa	240
ccaacgtatt	gggctgctt	cattgtctct	ctaggggcta	atcacaaca	tgtgggaagg	300

<210> 809

<211> 300

<212> DNA

<213> Homo sapiens

<400> 809

gtggtggctc	acgcctgtaa	tcccaaagt	catggattac	aggtgtgagt	gagccaccgc	60
ggccggcctc	tatcattttc	tgactcagca	gctccaccaa	aattgacatc	ctagcaaaca	120
ctgtgaagga	attaacctaa	gtgcttcag	agcatctcat	gtaacctcta	tggagtaagt	180
cactttttct	gtaacatgtg	gcttttgacc	ttgatgaaga	ctttgacttc	tcatccctgt	240
ctacatggag	gaagatgatt	cagtggtagg	gaaaatgaac	ctcggttaaca	tttccaatgt	300

<210> 810

<211> 300

<212> DNA

<213> Homo sapiens

<400> 810

ttatgaccta	tctttgttaa	ttttcctcct	tttccaggcc	tgattcctct	ttttggatag	60
aggaatattt	ttgaattctg	gttttgaaat	atgagggaag	gccaagtctc	ttaggaaagt	120
tttacataaa	catctactta	gcatagccga	atagttcctg	actacaccag	aaaagaagtt	180
tgagcttcca	gtctttttaa	ttgtagacag	gaaggtaggc	aggagagcaa	taggaaggct	240
cgacaggaaa	gcagtttcct	agtcggtagc	aaagggaagg	tttaggtcca	gtttgtgcag	300

<210> 811

<211> 300

<212> DNA

<213> Homo sapiens

<400> 811

cagctatagc	actaggcagc	cttgcatcct	gggtgttgaa	agtgcaggcc	attatcctcc	60
cctctgacct	ccaagatggt	aggtagcctt	tctgtgcctc	agttttatca	tctgtaaatt	120
gggtatgatt	gtactagtgc	ctagtacata	aggagtgtcg	caaagattac	atgagtgtct	180
ttaaagtcct	tacaacagta	tctcacacat	agtaagcatg	gcatgtggta	gttactatca	240
ttagtccctc	ttggagcaat	gtatattaaa	attttaaaga	cagctgtctg	gtcaggattg	300

<210> 812

<211> 300

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

<400> 812
 ggcacagtca gggagttagt tagtggtaga ctcagcagga gttgggtgct attcagatgt 60
 gttggggaaa gtgacaggca tagctgactc ggggtcattc actaagccag gagcccagga 120
 agacacacag atgcaagcag agatcgtgcc attacactcc agcctgggct acagagtgag 180
 actctgtgtc aaaaaaaaaa nnaannaaan gggccttgng tggtaaccag tanaaaattg 240
 aatntcngtt gncatnagnn acctgtnctg tatgatcnct tcccattccc cagntgacgg 300

<210> 813
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 813
 ccctccttgc ccagagcagg cattgctcat ccactaggca cttcttctctg ccaaggcacc 60
 tcttctgcc aagtcagtgt ctcacgatcc ctttcaacac agccacgagg aagccatgat 120
 acatcaactg gcactggcaa ataaaatcaa acctatttgc ctatccagtc ttatcccact 180
 ttgttgtttt ctctaagtag ttggaaaaca acatgtccag agaaaaatac cagaacttat 240
 tctgagtatg ttcttcagag caaaccttta gaatcttaat gatgtttaga cactcaggaa 300

<210> 814
 <211> 162
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(162)
 <223> n = A,T,C or G

<400> 814
 ctccggagcca ccccggaaga ccatgcgcag aggggtgctg atgaccctgc tgcagcagtc 60
 ggtacatgac cctgcccctg tggatcgcta agcctgggtga ctagctanna cctatntggg 120
 gctcntcttt gtttnngana ctacatagga cgatcgtgga ta 162

<210> 815
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 815
 ggcaacaaga ccaaaactct gtctcaaaca aaacaacaaa caaacaacaaa acaatcacat 60
 tcaaagctta gccaggagaa aaggcgctag gagatacccc actgggatcc ttgaagaatc 120
 ataacctaaa aatagatgtg aacctgaagt agacaagcga taaaaaatct cagtgaagtc 180
 agtctgggat tggtttagct tgatcactcc cattcagctg cctaccagag gactgggcga 240
 acgatcactg aagaaagatg ggagtctcta cctttctcat aagttgtttc aatgaaaaat 300

<210> 816
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 816
 ttgacggcgc gggctctgga ctgctgctt ggtaaaaacc ttctcttcc tccagtgcgg 60
 gacgactct ctggtatctc ttttgacctc ccggaggctt tcctttgtcg gtcgcggcgc 120
 cactgtacta tggcatacct cgttttatta cgcttcgcag atagggcatt ctgaaaacaa 180

atggagggtt	tgtggcagcc	ctgagtccag	caattgtatc	agcgccattt	ttccaacagc	240
atgtgctcac	ttggtgtctc	tgtgttacat	tttggtaatt	ctcaaaatat	ttaaaacttt	300

<210> 817
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 817						
cagagcttag	acatccaaaa	ctaataatg	ctgaggtggc	taaataccta	gcctttttaca	60
tgtaaacctg	tctgcaaaat	tagctttttt	aaaaaaaaaa	aaaattgggg	gggttaattt	120
atcattcaaa	aatcttgcag	tttcaaaaat	tcagtgaag	cgccaggcga	tttgtgtcta	180
aggatacgat	tttgaaccat	atgggcagtg	tacaaaatat	gaaacaactg	tttccacact	240
tgcacctgat	caaaagcagt	gcttctccat	ttgttttgca	aaaaaatgtt	tttcatttcc	300

<210> 818
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 818						
gagacctcta	acctcccgca	gttgagcaaa	tacactctga	gagacattag	ggactgtggc	60
aaaaagcagg	caatccatgt	gtgtcactta	agccttgagc	acagttcagt	aggcaacaaa	120
ccaggaactg	tcctggcaga	taagacagac	tgtgcaaggt	catcgtcac	ggcatgggaa	180
gggcattaat	taccaaagtg	gagacacagt	cactgtctcc	aagagcattt	ggaatcactt	240
cacagagttc	tcaaggaggg	gaaggctatc	tgtcagctcc	tggcgggact	gctgccccat	300

<210> 819
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 819						
agtgtgatct	gcagggagag	aaccaattac	agtatgcttg	gagaggggtga	catttattct	60
gctgaacctc	ttctctgctt	cacataacgt	tggccacttc	acctttcctg	agatgtctct	120
gaggatgggc	atattttaaa	gacttgagct	tacatcatcg	catcttgaaa	gaaccgagta	180
taattgagtt	gctgatacaa	gtgggtactt	gcaccaggtc	cggttcaccc	acatctctat	240
ggaaacacat	gtttgcttta	aagcccagca	atcagaagca	gacccctata	ggagccagca	300

<210> 820
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 820						
attaaagttg	aagcctttct	aatttttgaa	ggttgagcac	tttggttatt	catggtttta	60
tatgacgata	atcttttatc	catcgctgca	gttttctatt	ttgacttgaa	ttggaggcag	120
agctccacca	ccccagtgtg	tcgtctgatt	tcccagacta	gagtccagcc	tttctgtgct	180
ttgcctggct	tccctccatg	ttgcttccta	ccccaccatc	tatacccttc	acatccaaaa	240
tccaaaacct	cacactcata	cgagaatccc	tgttagggtc	ggtttatatt	tacacactaa	300

<210> 821
 <211> 272
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (272)
 <223> n = A,T,C or G

<400> 821
cctcattatc caccacgcac agatggtaca gctggggctg aacaaccaca tgtggaacca 60
gagagggtcc caggcgcccg aggacaagac gcatgaatgc agaatgaccg cgtgtncctg 120
nctgatcacc tggggatnac ccctgnaccc ntgtnttgnt caggacntct tatagntnct 180
nnngttntct ttttntnant gttgtnttga tnntttnttn ntttntggn gcttnaaggt 240
ntnatgtntn tngtggtntat tttanntgat tt 272

<210> 822
<211> 300
<212> DNA
<213> Homo sapiens

<400> 822
cagatacagc ctagtgtccc tcagttacac aatagtggtg cccccagtgg taggacagtc 60
tactactgag tcctcctggc atgagtcgag ctgagattag gatagggtaa tgacccttca 120
gttttgggga agggaccaga gctcggccag tgagaagctt ccagctccgt ctggccatat 180
ccaggctgct gagggtcctg ggctctgtcc ttaaacctca tcaactgacat gaccagcaa 240
acctcctcaa gaggaataag tccccttggg tcaaacacag cttgtgcagt tctcggggac 300

<210> 823
<211> 300
<212> DNA
<213> Homo sapiens

<400> 823
ctttgccatt gtggctgtgc gagctcagcc tcctggaaac ccgccctgag cttgggttaac 60
agcattcact ccaggtttag ccagctcca ggttatcgca ggcaggactc ccgagaacag 120
gttcatgttt gcttttctgg aggtgctgag ctaaagtggg aaaccaccct gggccgagtg 180
ggacctcccc agctgggcgg ctgttaacca gccaggatgt ctgaccctga gaagtcaccg 240
tgcactcttg ggactcattc ttctcatcag caggatgggg tgatggagcg ggccttactg 300

<210> 824
<211> 300
<212> DNA
<213> Homo sapiens

<400> 824
ggcagagaat cccttgtaga aagggtgggg agaatcatag gatattataa ctgtaaggaa 60
catgcaagat tttccagatt atacccttga tagaatagat aagttcctta aggctcagat 120
cttgcttaaa gtcgtccagc ctgttagaga caagtagaac acgaagctgg cctctggagt 180
ctttattgag tactttgtac aattgggtga gactgggaga gccctcctca cttccccctt 240
cttgtgtgtg aatttcctgt ggggcagaac acctcagagg tttctgtgca tcaaaataag 300

<210> 825
<211> 269
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(269)
<223> n = A,T,C or G

<400> 825
gaacaagctc agcctcatca acttcaggtg agtgttgggc tagaggtaga ctaggccttg 60
aggtcacagc ctgctctcca cacagtgagc tcagactcg agattttctc tcattccatt 120
ttggttctca gggaaagagt gaggcaggca gcactcccct gactcacact ggcttctgca 180
taggggtgctc tggggaagct tggccttatg ccataaggca tctgggcagg gccactgnag 240
ctgnctgatg tagcctgcct atttagnat 269

<210> 826

<211> 300
 <212> DNA
 <213> Homo sapiens

<400> 826
 cacagaccga gaacctgcta tgcggaacaa ggctgatcag caacttgtgg aaatagacaa 60
 aaaatatgct ggattcattc atatgaaagc agtggctggg atgaagatgt cttaccaggt 120
 acaacaggca atcaacacat gcctaaaaga tcctgtaagg ggtttcagac aagacgagtc 180
 ctctagcgct ttgtgttcac acctttactc catgatccgt ggaaaccgcc aacacagacg 240
 agcctttctt atttctttac tcaacctctt tgatgacaca gcaaaaacag acgtgactat 300

<210> 827
 <211> 179
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(179)
 <223> n = A,T,C or G

<400> 827
 gagctgctca gagctgcctt gaaggacggc cactcaggcg tgcccctgtg ctgtgccacc 60
 ctgcagtggc tccttgctga gaatgctgct gtggacgtcg tgagggcccg agcactatct 120
 tccatccagg gagtggncgc tgatggcgcc aacggtcacc tcatngtnccg anaggatgg 179

<210> 828
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 828
 gcttgaagtc tccttggaaat ctttccttgt ggtgcacatg ttcttttgat tttattccac 60
 ctttgattgt cccatagcaa aacaaagaac ccacttaatg gaagaacttg acattctccc 120
 atgtttgttt caaagccaca taggcatgtg tctacgagat gctgctttga taatgagttg 180
 gttatactcc tgcacacctac tcaattgcat aaacattctc taattcctaa tggaaaggct 240
 gaagaacctt aagcctactc acttggacct gctgttgatg agtgccctggg atgctgagtt 300

<210> 829
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 829
 ggtaagtaac ctgtgcagag cacagaacta ggattcagac ctacagaccc acaagtcagc 60
 ctctaaggcc cacttataac tgctcttctg cttgcaaggc cctatggatg aaatccagtt 120
 ataacctcct tttgtataaa ctagacacag agggaggcgt ttctccctaa tctgtattta 180
 tccagacaag ctgtccagca agatttctga gtgaggggct ttaaggaagc aatctgcggg 240
 tgtgtagcct tttctccctc agcaaataca gaaggagctt atagcccggg ctcaccctgc 300

<210> 830
 <211> 296
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(296)
 <223> n = A,T,C or G

<400> 830

ctgggtcanng	gnggctgnnc	cctnccccngg	ccnaccggcc	ngccncatgg	gtttgccttn	60
ccccggcncn	ccnnggntn	cngggntggg	ngctnnaccn	tnccccctc	agggntatnt	120
ttncctntnc	ccttnccctnc	ccgncnanan	ntttncnngg	ggngggcnaa	aaaaaaagtn	180
aaaagaaaag	aaaaaaaaaa	aagaaacaaa	ccacctctac	atattatgga	aagaaaatat	240
ttttgtcgat	tcttattctt	ttataattat	gcgggaagaa	gtagacacat	taaacg	296

<210> 831
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 831						
gtgggtctctc	ccttaaagac	acatggccac	agacacctcc	ttcggatattg	taatatgcct	60
tcccttgctg	ccttccgtgg	tcacagcaac	agggactgct	cacccccctc	agctggggct	120
tttctaacaa	gcacagtcag	aaatgcgcag	gcctgggggt	ggggatgaac	agaagttgat	180
tagtgggcac	agaaatacag	ttagatagaa	ggaatagttc	cagcattcga	tattacagta	240
gggagactgc	atttaacaat	aattgattgt	atatttgaaa	acagctagaa	gaataagaat	300

<210> 832
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 832						
ggcacttgag	aagtctaaga	gaagctctaa	gacgtttaag	gaaatgctgc	aggacagggg	60
atccccaaaat	caaaagtcta	cagttccgtc	aagaaggaga	atgtattctt	ttgatgatgt	120
gctggaggaa	ggaaagcgac	cccctacaat	gactgtgtca	gaagcaagtt	accagagtga	180
gagagtagaa	gagaagggag	caacttatcc	ttcagaaatt	cccaaagaag	attctaccac	240
ttttgcaaaa	agagaggacc	gtgtaacaac	tgaaattcag	cttccttctc	aaagtctctg	300

<210> 833
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 833						
ctctcaaata	gaaatgggag	ataagaaata	tatctgtgca	atattaaatt	gaaaaaaaaa	60
accataaaa	agtgtcaaag	gcaaataatt	tgctctagat	cacaaaacta	gttagcacaa	120
ggctaggatt	ataaccaggg	tctaggaaaa	aatcctgaag	gtgatttaac	tgagtgttag	180
gccctgtcaa	gccacctgct	aaggctcatg	gtctttcaga	ctagcttcaa	cattccaaat	240
caggcaatag	ctacaacgga	aagataattg	gacggggaat	cctgagatca	gagtcctagt	300

<210> 834
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 834						
cagacaagaa	tcttccttgc	cgctccttag	tatgtgcagt	actggacctg	atggtagagt	60
ttattgtaac	acacatgatg	aaggagtttc	ctatggatct	ctatatacgc	tgcatccagg	120
tagtacacaa	actgctctgc	taccagaaga	agtgtcgggt	acgcctgcat	tacacctggc	180
gggagctctg	gtcagccttg	ataaatttgc	tgaagttcct	tatgtcaaat	gagactgtac	240
ttttggccaa	acacaacatt	tttacattag	cccttatgat	tgtgaaccta	tttaatatgt	300

<210> 835
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 835						
agaccattta	actctacccc	acactttcag	tggtgggatg	tgaggaagaa	agcccatgcc	60

aagctaactg	aaagcttatt	tggctccaat	tgggctgatg	ttccctcact	gcagaatgtc	120
ctggaaacca	agggtttgca	gtcctctaac	ctattgcatt	aggcacaccc	aagaagaaat	180
cctgttcgat	gcacatgctc	cagtttcaat	cagcaacaag	gtcaaaaagt	tccccccact	240
ttctgttcca	cagtgcgttc	cccttgacgc	cagacattag	gcacagattc	atccctattg	300

<210> 836
 <211> 300
 <212> DNA
 <213> Homo sapiens

ctcaccaatt	agcactgcc	ccgcaggtct	gtgaattgca	tgtgaaaata	gaatttgtcc	60
agaagtgttc	atgcaaatg	tgcaacacaa	atgtggcctc	catgtcaagt	ccttttcacgt	120
gttctgacag	actcatgtct	ttccagattt	ctctgatcgg	cgccccccac	ccccttgaca	180
gttaccagag	ctcataagcc	aaaggaaata	gttcctgttg	ccatgagtac	tgtgtctgtg	240
gtgaggttta	tgagctgctc	ttagggctgg	gtttttgcct	gagaaaacaa	tcagatttcg	300

<210> 837
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

ccaacctgct	gtccctcaag	ccccgcttct	accagcctgt	ggagttcagg	aggcgagaca	60
tcctggcctc	ctttgagaac	tgatgggatc	tacccctgt	ccacgcggga	cagtttctca	120
gaactgggtc	atagaccacc	tgtgtcacca	acagccagat	acctaattcc	tgagcctcct	180
ttgggaaggt	ctggggccga	gggtctggga	attttttttt	tttttttngg	nacanagtct	240
mnttnngtca	ntgcantcca	nccngggnaa	caaatcgana	ntcccntttt	aaaaaaaaaa	300

<210> 838
 <211> 300
 <212> DNA
 <213> Homo sapiens

ctaagcccca	aaacgaactt	caaactgggt	gtgggtggc	gtgccttttag	tcccagctac	60
ccgggagggt	gcggcaagag	gattgcttga	gccaggagt	tcgagtccaa	cctggggcaaa	120
agagtgtgac	cccatctcta	aaaccaaaaa	ggtagccttag	aagggtcacct	ggttggctaa	180
ccttttaaaag	gcaggggcgt	gacacgtagg	acacattggg	aatgtcttgg	ctactacatg	240
tagccttctg	ggatatatgt	gccagagggg	agaagcactg	agcctgaaga	aactagatga	300

<210> 839
 <211> 270
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(270)
 <223> n = A,T,C or G

atnncntcg	nnaannatnc	nagaaattnn	naagtnttna	ncanananaa	naaatnancn	60
cgcngangna	aaannnnngn	nnnncgaccc	caccagctct	gtataggcct	caaaggggct	120
gggagtgggc	tgccctcgg	gtaggtgagc	ttggcaacgt	gtcttcagg	tggagagagt	180
ggataggcaa	atgccataaa	gcacatttcc	agttcctgtg	aaactcctct	ctccgcaaaa	240

agtggagaac aatttgagga ctgaaataag

270

<210> 840

<211> 300

<212> DNA

<213> Homo sapiens

<400> 840

gccacttgac	acagtgagtg	gcctcttaaa	tctctcgta	ctctaccatg	tctggctgtg	60
tgggtctctt	ctctgacga	cttggatatg	ctcatggata	ctcttcaaaa	tctatgccac	120
agaggctcat	gtgtttcctg	ttcaaccacc	atttgcagaa	gggtcagatg	agtgccttcc	180
aaaagtgtta	aatagcaatc	ctcccccat	cataaagtat	ttagccttgc	aggacctgat	240
gttgctttct	caatattctc	cttcacgaag	acaagaagtt	ttcagcctca	gcccaaccagg	300

<210> 841

<211> 277

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(277)

<223> n = A,T,C or G

<400> 841

gttctcaggc	cttccaggta	gtcccccttc	tggacttaag	agtgcaaact	cttctctgtg	60
gttctagcct	tgggcagaat	tatatcccag	agaccacaga	gcaactgtca	agctgcttac	120
ccccctaccc	agggtacag	cctgtgccca	gccctcta	ttgtgcctct	cttgtgttgg	180
gggaggatga	gggaggttcc	nttnccttcc	ctgcnntggn	ctnctanaaa	gntcanagna	240
cccantgnaa	ganantttta	angnncagca	tttagtg			277

<210> 842

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(300)

<223> n = A,T,C or G

<400> 842

gagacctcta	acctcccgca	gttgagcaaa	tacactctga	gagacattag	ggactgtggc	60
aaaaagcagg	caatccatgt	gtgtcactta	agccttgagc	acagttcagt	aggcaacaaa	120
ccaggaaactg	tcctggcaga	taagacagac	tgtgcaaggt	catcgtcatc	ggcatgggaa	180
gggcattaat	taccaaagtg	gagacacagg	cactgtctcc	aanagcattn	cnaatccttc	240
acagagtncn	caaggngggg	gaagcctatc	nnncagctcc	ncgcgggacc	ggctgccccca	300

<210> 843

<211> 300

<212> DNA

<213> Homo sapiens

<400> 843

cgaggccagt	tccaggccca	ctttttgccc	tgtgagcccc	ctgcatttct	ggtttctcct	60
tttccaggca	gctactcggg	ggagcttctc	tatttaacat	ctagttgtgt	attcatgtct	120
tttgtgtgtt	ctttcagtga	tgttgcttat	ttccccaatg	acactgttgg	gagcttctta	180
agaacaggct	gtctagggac	aaggatgtga	agtggtacaa	gggaaaagta	ggccgttttag	240
gacctgtggg	tgtgtcatga	ctgtgcttgt	atctcttgtt	agctttgtgg	ccttaggttc	300

<210> 844

<211> 300
 <212> DNA
 <213> Homo sapiens

<400> 844
 actgaatggg ctgtatctgg ggaatcaagg tattaggggt gagcaaaagc aagaggaagt 60
 agagcatttg atctcttttc ctttgattag gttgaggaca ataaagtctc attctctccc 120
 ttcttcccat gggcagcctt atatatgatt gaagaacatt agtgcaaaga ttcctcatcc 180
 agaaataaac tcttgactct ctatactaata taaagattca tgtaaattac taagttcttg 240
 gaaaactatg gagaactctg tgggggctgt cattcacact ttagtatgaa ttggtttaat 300

<210> 845
 <211> 291
 <212> DNA
 <213> Homo sapiens

<400> 845
 actgagtctg ggggcactga gtcagagcca gctccgctg cccaccatga ctgggtggct 60
 cttatacaca tgtactcttc ccatctccag gtcccagatg tcgaggcctg tccactctcc 120
 ttttcccta ggcagggatg gaggggctg tcagtcctgt ataatttgga gtgactggag 180
 ggggtggggg attgatgcat ggtattccag taaacttctc tgcttggtgc ctaaaaaaaa 240
 aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa a 291

<210> 846
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 846
 attgaaaaag agagttcatg taaagccgat tattatttaa tctaaagtta tggtcacata 60
 ggaagcacta gtgtagagaa atagggctctg agggacaagg agcctgtgtg cccgtgtcgg 120
 cagecgagta actgccagg gtcccctgct tggcactctg ctgtcccact tgcttccctgc 180
 cctctctgga ttctaact tgtgccattg tgcacccgctc tcaggctcatg gtgctgttac 240
 ttggtgagaa agcattattt aaatacccca gatgaggagt taggcacttt ctccagtttt 300

<210> 847
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 847
 cacctaacat taggtggcac ttaatagtga tgataatcac ttatggagtc tactaagatg 60
 tttgtgaatc ccttctccca ttcaaaaatc ttgacaaccc tgtgagacag atatgtcac 120
 cttactgatg agtacggggg cttggcaaag taggtatgtt gttcatatta cacagctagt 180
 aagtggaaga gtcaatatca tatactccca gattcagaac tttaaataac cccatgctac 240
 cttctagggg aagcttctgc tatgtgtttg gagggttagg tgagagaaag gtgaatttta 300

<210> 848
 <211> 181
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(181)
 <223> n = A,T,C or G

<400> 848
 ccggagcaga gagcgcagga gccgcggtac cccggcttcg tgctggggct ggatgtgggc 60
 agttntgnga tccgctgnca cntctatgac cgggcggcgc gggctctgcng ctncagcgtg 120
 cannatggnc anaatanttn nccttatctt tnnngnctng aanntnnntc tgnngtnctn 180

<210> 849
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 849
 ctccctggta ccctgactac caggaagtca ggtgctagag cagctggaga agtgcaggca 60
 gcctgtgctt ccacagatgg ggggtgctgct gcaacaaggc tttcaatgtg cccatcttag 120
 gtgggagaag ctagatcctg tgcagcagcc tggtaagtcc tgaggagggt ccattgctct 180
 tcctgctgct gtcctttgct tctcaacggt ggctcgctct acagtctaga gcacatgcag 240
 ctaacttggt cctctgctta tgcattgagg ttaaattaac aaccataacc ttcatttgaa 300

<210> 850
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 850
 cagagatgag tcagaacagt ctctcaatc ctgaaattca acaaggcatc agaagggctg 60
 gctgtgggtca agcccagctg ctgtcatgtg aggagatgct cactgtggtc ttgttgagct 120
 gatggccttg gttgagctga tggacaagtg aaggaggcca tggggctgtg ctgtccttcc 180
 tgccgtacgt gccattccac tctcttcagc tctccctca acagcatgcg agcccatacc 240
 ttctgcattt ttccaggcct gtgagggata taggcctccc cttggagcac tgagtcggaa 300

<210> 851
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 851
 acggtgtctg gtggagaaga gctgagcttc cctggcccct tctgaaatgg ggtcaggaag 60
 gggatcagga gggggattac cctgatgcct gctgcctgct cccatttgat ccaccacac 120
 agcctctcga ggtaggggct tggcaccocg ttgtccagct gtgtgtggcc tttctgaatg 180
 acgtggttct tgggcatctg agccagtcgc cagccatgtg ccctgcccc aaggccctgg 240
 gagttcctgg taggatccca cagctgttgg caagtctgag gtttgccttt gcagatggaa 300

<210> 852
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 852
 gcctccctgg aggattctgg atgattctgg gagcaggctc tggactctac gtgcttcagt 60
 gggaatctgg acacgtttct taccctttgg gcctcagttt cctcatctgt agaatgggaa 120
 tgacaacagt acctacctca tgggggtaag gctcaggcca gttacacccc taaggagcga 180
 tgcttggat gtcgtaaatg ctagaaaagc atgagttggt atgaataggc cctggtgccc 240
 cccaccttcc ttccacaaac caagacaacc aaggagccac acctgccacc tggctttgct 300

<210> 853
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 853
 acaagaggag gcttatcggg aggaacagct gattaaccgg ctgatgcggc agtcccagca 60
 ggagcgcagg attgccgtgc agctcatgca tgttcggcat gaaaaggaa ttttatggca 120
 aaacagaatt ttacagaaaa aacaacatga ggaaagacga cttaaagatt tccaggatgc 180
 tcttgatcga gaagcggctt tggcaaaaac agccaagatt gactttgaag aacaattcct 240
 taaagaaaag agatttcatg atcagattgc tgtggaaaag gctcaagctc gttatgaaaa 300

<210> 854
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 854
 aatgtat tttt ttccagtaagc acccagaggc ctccattcag gctgtttttt cagatgccca 60
 aatgcatatt tgggcattag aaggctctgtc gcacttagta gcagcatcat ttacagagga 120
 tagatttggga gttgtccaga cgacactacc agctatcctt aatactttgt tgacactgca 180
 agaggcagtc gacaagtact ttaagcttcc tcatgcttcc agtaaaccac cccggatttc 240
 aggaagcctt gtggacactt catataaaac attaagattt gcattcagag catcactgaa 300

<210> 855
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 855
 cttttttaag caaagcagtt tctagttaat gtagcatcct ggactttggg gcgtcattct 60
 taagcttggt gtgcccgtga accatggtcc tcttgctctg attaaccctt ccttcaatgg 120
 gcttcttcac ccagacacca aggtatgaga tggccctgcc aagtgtcggc ctctcctggt 180
 aaacaaaaac attctaaagc cattgttctt gcttcatgga caagaggcag ccggagagag 240
 tgccaggggtg ccctggtctg agctggcatc cccatgtctt ctgtgtccga gggcagcatg 300

<210> 856
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 856
 ctgacctcct cctcagagaa agcactggcc aaccagttcc tggcccctgg ccgtgtgcc 60
 accacagcca gagagcgagt gcccgccaca aagacgggtc atctgcagtc acgggcgcgg 120
 tacaccagcg agatgcggag tgagctacta ggcacggact ctgcaggatga gtcacatga 180
 acacaacagg acttgaggc cagctgacta ggacaagaca tgtatccttg ctgccccggg 240
 gcctccatgc cgagactcca tgccctgact ccaacaggag catcaccaaa ctacacctgg 300

<210> 857
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 857
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 tgggggagtg ggtgttccag gaagggtctt ggcattgtaa gctgcacaga agtcaaatca 120
 gataaagcct gagagggatc catgggattt cttggcaaag ggattgttgg tgataccagg 180
 aagagcagct tcagtggctc atggggagag aagccagatt acaggagatc agcaactgag 240
 agagtgagtg gagagcatct ttttaagaatg tcttgagtgc gggccggctg cgggtggctca 300

<210> 858
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 858
 ggagtgggga gagggccac acatattgga aatgcagtgt ctgtctcctc ccctgaactt 60
 ctggaaggat caaatctgat acacacaggc aggtgtgttc aaagtgtcct gggggtgctg 120
 atggaagaaa gtgggagtgt ctgccatggg ctgggtcagt taacaccggt ggtcggcagg 180
 ctgatgggtc aggagagact gagtctacct cccctttggg agggatcaga aaaatcagag 240
 aaggggagct gaaggctcca cagcaggggg ctgtggactc aggtgaagg acctctgagt 300

<210> 859
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 859
 cacttgctcag gggagagggg acagcaagggt gggaggttga agagctttga ggctcagcag 60
 catgtttgtg gcattcgggtg gacaccatgg ccttgggcgg ctggacaggt ttttgtgatg 120
 tgagggacac gcatggggca catggtaagc ttggcaaggg ctccaggaac gctgacgaag 180
 ggttttagga cccccacccc catgcctgta ccagggtctg cctccagagc gggtagggac 240
 agagcagctg tgggcttttc attctgaggt cttggccccc ctggccaccg caagggactc 300

<210> 860
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 860
 tttcagcttt cgttaccagc aggagctgga ggaggaaatc aaggaattat atgagaactt 60
 ctgcaagcac aatggtagca agaacgtctt cagcaccttc cgaaccctg cagtgtgtgt 120
 cacgggcatt gtagctttgt acatagcctc aggcctcact ggcttcatag gtcttgaggt 180
 tgtagcccag ttgttcaact gtatgggttg actactgtta atagcactcc tcacctgggg 240
 ctacatcagg tattctggtc aatatcgtga gctgggcgga gctattgatt ttggtgccgc 300

<210> 861
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 861
 ctcggaacctt atcagcagca tcacgcagga ctaccacctg gatgagcagg atgctgaggg 60
 ccgcctggta cgcggcatca ttgcattag taccgaaag agccgtgctc gccacagac 120
 ctcgaggagg cggttcaactc gggctgctgc cccaaccgtc gctgcccctg acagtggcca 180
 tgagaccatg gtgggctcag gtctcagcca ggatgagctg acagtgcaga tctcccagga 240
 gacgactgca gatgccatcg cccggaagct gaggccttat ggagctccag ggtaccagc 300

<210> 862
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 862
 ataacctcgg ctgtttacag tgaggcccg agcgtcttgg ctgccgccct gctccacgca 60
 gtctgttca gtgcagtga ggaaccgtgg agcatgcaac acatcccggc actgttttcg 120
 gccttctgtg gcctcttggc cgccctttct taccatctga gccgtcagag cagtgaacca 180
 tctgtactca tgtccttcat ccaatgcagg ctgtttccta aatttttaca tcaaatctg 240
 gcagagtcag ctgctgaccc tctcccgaag aagatgaaag attcagtgac ggatgtctta 300

<210> 863
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 863
 ctccaacctg caggtgcctc ctccagagcc agctctgata ctcattttaa aaaccatccc 60
 agccaacca ccttaggaga acctcgaagg catcttgag gtccctgtct ctgccaggca 120
 ctccctccct gtcttctcag caccctgctg gcatcacaag gaaatgtggg ccaaagaccc 180
 tcatccaca ctaagaatgg tccaacagaa accagcctgg tcccagggtg ggctcaggct 240
 caggccacgt gccaccaagt catctatgtg aatatagtga taaaaatgcc caacgttgac 300

<210> 864

<211> 300
 <212> DNA
 <213> Homo sapiens

<400> 864
 ataacgcccg tgggtgcccā tccctatagg agctggtgag attgcagcct gctgcctccc 60
 ctccatcagc cacagctatt ggatttccca cccagaatct ttaggtaaat gagatcatga 120
 ttctggaagg aggtggtgta atgaatctca accccggcaa caacctcctt caccagccgc 180
 cagcctggac agacagctac tccacgtgca atgtttccag tgggtttttt ggaggccagt 240
 ggcatgaaat tcatcctcag tactggacca agtaccaggt gtgggagtgg ctccagcacc 300

<210> 865
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 865
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 tgaggctgga ggggccccgc tcctectcac cttggggaga aggacagcgt gaggctagcc 120
 tgccctacac tgggtggccc cttcccctgg cctgaagtgt cagcacctgc aggctaaacc 180
 agcacatgca tgagggtgctc tgggccgggg ctttgggagc agccgatgct cctaaaaccc 240
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<210> 866
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 866
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 cagacacaat gggttgatca aaatattacc ggcatttcct gcagatcacc ctgtgcgtgt 120
 gcgagctgta tggctgctgg atgaccttc tcccagagtgt gctcaccaga agccccaacc 180
 tcaacaccag caactggctg tactgttggc tttacctgtt tttttttaac ggtgtgtggg 240
 ttctgatccc aggactgcta ctgtggcagt catggctaga actcaagaaa atgcatcaga 300

<210> 867
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 867
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 acatctcgca acctgggggg acattccttt gtaaaacctg ggctggaagt caaagccgtc 120
 ggttacagag gagactgaca gaggaattcc agaatgtaag gatcatcaaa cctgaagcca 180
 gcaggaaaaga gtcacagaaa gtgtacttct tggccacaca gtaccacgga aggaagggca 240
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<210> 868
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 868
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 cggccggcgc tgccctccctc tctctatgga cgtecgagcg cccccagctg tcatggccgc 180
 cgtggaccag gctctgaagg agtttggcag aatcgacatt ctcatctaact gtgcggccgg 240
 gaacttcctg tgccccgctg gcgccttgct cttcaacgcc ttcaagaccg tgatggacat 300

<210> 869
 <211> 300

<212> DNA

<213> Homo sapiens

<400> 869

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caccattggg	aacaacactt	gctgtgcagg	ctgttccaac	agcacactct	attgtacaag	180
ccacaaggac	ttctttaccc	acagagggcc	catcaggact	ctatagtcca	tcaactaatc	240
gaggtcctat	acagatgaaa	attccaattt	ctgcatttag	tacttcgtct	gctgcagaac	300

<210> 870

<211> 300

<212> DNA

<213> Homo sapiens

<400> 870

gccaggaggg	cctccagggg	ttccttgttg	aggctcaccc	agacaatgcc	tgcagcccca	60
ttgccccacc	acccccagcc	ccggtcaatg	ggtcagtctt	tattgcgctg	cttcgaagac	120
ctgccccatt	tgcaagcagc	ctgttcacg	gggtcctggg	gacgaagacc	aagaggaaga	180
aactcaaggg	caagaggagg	gtgatgaagg	ggagccaagg	gaccaccctg	cctcagaaag	240
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<210> 871

<211> 292

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(292)

<223> n = A,T,C or G

<400> 871

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gcagccggcg	gcgccaggat	aagctgtggg	tctgtgcct	gancccccanc	canaagctnn	120
tncagtnccg	anacntggag	gagggcncca	gcccttctac	cctgnagagt	ttntccnagc	180
ancttnnctg	tgcccgactt	gaggnntcct	tntgncnngn	ttangattgc	tnccatnttn	240
gggagnatgn	cttttnntag	ctttttnngg	tnctttntna	tttnnncttt	tt	292

<210> 872

<211> 300

<212> DNA

<213> Homo sapiens

<400> 872

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accttagata	cttttggtaa	gatcaatttc	ttggagaaca	atggaggagg	ccagtttctt	120
tcccctgctg	aacacatcag	ttctaaggga	tggcacgctg	agcttgagac	caacctgacg	180
ggtaccttct	acatgtgcaa	agcagtttac	agctcctgga	tgaaagagca	tggaggatct	240
atcgtcaata	tcattgtccc	tactaaagct	ggatttccat	tagctgtgca	ttctggagct	300

<210> 873

<211> 300

<212> DNA

<213> Homo sapiens

<400> 873

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ccccctgaag	ctcgtgatga	tcgttggcat	cgattgttac	catgacatga	cagctgggag	180
gaggtcaatc	gcaggatttg	ttgccagcat	caatgaaggg	atgaccgct	ggttctcacg	240

ctgcatatatt caggatagag gacaggagct ggtagatggg ctcagagctg cctgcaagcc 300

<210> 874

<211> 300

<212> DNA

<213> Homo sapiens

<400> 874

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aagatatgca	cttatttggc	cattaccag	cacatgacga	cttctatctc	gtagtgtgca	120
gtgcctgtaa	ccaggtcgtc	aagccacagg	ttttccagtc	gcaactgcggg	agaaagcaag	180
acaacaggag	aaatgaaggc	atctccagga	gtggaccaga	gagcagccaa	gccatagaga	240
agcatcaggt	gtgagaatgg	aaaacgcaga	agagacgtac	aacttctgaa	agatctcaga	300

<210> 875

<211> 300

<212> DNA

<213> Homo sapiens

<400> 875

cttttttata	gtgatcactt	ttgaattgtg	ttcagatatg	cagtttcagg	tgtaatcatc	60
agagctgggt	agtcaggcat	tccagatagt	ggttcttttc	agaacctttt	taaaagggtt	120
ggttaactac	ctcagtagca	gaggattgaa	ctataccctg	tctgtactgt	acatagaaaa	180
tctttgtaga	taaaagcaag	gcttggttaa	tatgatatga	gggtaagatt	ttaatatacc	240
aaatgtaaca	ttcttagttg	cctttagttt	cagaggcttg	taagacttcc	tcatgaccat	300

<210> 876

<211> 300

<212> DNA

<213> Homo sapiens

<400> 876

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agtaaaagaa	gattttaaaa	ctacaagtag	agtgtaaagaa	gtatcacgag	aaacatcaac	180
aaagggtgga	ggatagaagg	tgataagtct	caagtatctc	aagatattca	gcagtgaatc	240
ttaacataaa	tttgctttta	ggggaagaat	ttcaagcata	ttgataggtc	ttaaattttc	300

<210> 877

<211> 300

<212> DNA

<213> Homo sapiens

<400> 877

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tctgtctcgg	gatcctcagg	aattccatca	gcctcgtggg	gttccttttt	ccctgctcct	120
ggaggcaaat	tatatgcagc	aaaacgtaga	actagtcttg	tggattttct	ttgggtggagg	180
agcatacacc	aatggttcca	tgtaaaggct	ccagaatcag	aactggcgtc	acaccttggt	240
gtcaccctt	cctgctgagc	ctgtctcccc	aggagtgaat	tgagggtaat	attcctccta	300

<210> 878

<211> 300

<212> DNA

<213> Homo sapiens

<400> 878

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ttggctgaga	aatacgtgta	atttctaagt	gtgattattg	caagtaaaaa	tgagtgatgt	120
ttcaacaaga	gggttattgt	aattcagggt	atagcaacaa	ttttaatgta	agcgagaaga	180
tgtttgtaac	acttccaaaa	aaatagtact	gtatcagtc	agtgtccact	ttcctccaaa	240
ccttcgtgcc	cacgcacaca	cacataaata	catgcaggat	tcctgagcag	ggaaggatcc	300

<210> 879
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 879
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 aaatagaaaa atcccttgag caatgaaaca attgtgaatg aacacaaaagt ccatgaattt 120
 aatccttatac cgtttgtga gccaaagcatg tgcattctga gtgggtggcc caggctggca 180
 gcacagatac caccatttcc cttttctttg ctcagggcat ggctgttta tctcgttgca 240
 ccagatgagg gttggaagg atgatggtg tggtgtttc agatctactg acagcaatga 300

<210> 880
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 880
 ctgacacaaa attcaggtac tcatgattat aacctgatta cagttctaca gcaggttaat 60
 gaagtttaaa taattagaat ctattgtcgt aaactattaa aactggttct ggtcacttcc 120
 tttgaggtga gtaatagtga gagtgctatt ctttcttacc tctggggagc ctgaggcacg 180
 atgcagagaa gaacctcaca tatcatgcat catcagagga ctagagtga ctcaggaaat 240
 atttgctctt gtcacatttt cttcaccgga gctagagact ttttactagg aaaaactgcg 300

<210> 881
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 881
 aatgctgaat acctaatagt ttttccaaaa ttgggtccag tggtttacgt cttggatctt 60
 gcagatagac tgatctcaaa agcctgtcca tttgctgcag caggaataat ggtcggctct 120
 atctattgga cagctgtgac ttatggagca gtgacagtga tgcaggttgt aggtcataaa 180
 gaaggtctgg atgttatgga gagagctgat cctttattcc ttttaattgg acttctact 240
 attcctgtca tgctgatatt aggcaagatg attcgctggg aggactatgt gcttagactg 300

<210> 882
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 882
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 gcacaactct gccaggaaac tgccagatag gagtcaggga tcaggcctag aacgcagact 120
 gcagaaagga gcagatgtaa aagcagaaat ttaaaacttg cttttccctg tcttcagact 180
 cttgaggggtg gccattgctg taagaagcag ggagccaaga acattcatac tggcctcctg 240
 cttagcctta actgaaatag gccccacgt aggatgtggg cctatgtgaa cttggctgtt 300

<210> 883
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 883
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 tggaccagct tgtggagcca taaccagga gctcaggga attgagtga ggtttcttac 120
 tctacctgc tggccctgtg gctgtccctg gtggccagcc cagctgcagc aaaacctaca 180
 aagcctccag ccatggtagg cgtcttggac ctgccccagt cagctggggc ttgggctgct 240
 aggggttttg gcacacgtcc atgtttggcg gaggtgtgc cttcaaacc tgaagggcct 300

<210> 884
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 884
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 gccacacg cg tggtcaggaa agagaagtag ccactgggtg ctctggcat cctcctgctg 120
 ggcagcccct tctcaaagtg tgaggggtcc ccttgtgtac aagcaggaag gctctgagaa 180
 agtcaggttt gctcctacca caggataatt ccgatgaacc tgaaaagcgg gttttggctt 240
 gtgtgcaggg actctgggtg aagaaagggt gacagcacct ggctgggca tgacacaagt 300

<210> 885
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 885
 ctgaaacgga aacctttcgc aaagcctgtg caggcagagg agtcacaca catccttgac 60
 gtggcactgt gtcttcaggg gtgctgccct cttacagaga gacagatctg gaggccatgg 120
 ccgttttggg gagaaatgcc agaaacagct tcagtttcca cctactgctt catatttata 180
 atcacagtaa tctatttctc gttttgctat ttctagagca acaaattgtg tgatgcgaaa 240
 ttagtaccag aggaacaatg actccactta acaaaaaaat agcatgggat ctatgaaaaa 300

<210> 886
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 886
 gagaatactt tatacttctc agcttcttgt gtatttgact gtgacctggt tataccattt 60
 gccactgtga ggcttagctg tgcattctgt aatgggagat tggtcttaga gattgggtcat 120
 agttgtccac ctgcctcgga aactgcagggt acaaatgcag cagcaaagta tttacattct 180
 tacttcaggg ctgatctcct atttctatca gtccctttga aggcagagaa tgtaatttg 240
 gaacaacctg catatttatt caaatttcca gagagatgaa actttcagaa tgctgtgctg 300

<210> 887
 <211> 206
 <212> DNA
 <213> Homo sapiens

<400> 887
 caaacctgtg tcaaattgag aattactgtt tttctgaaag ttgcaagaaa ttaccaatga 60
 attagccatg gatagaaatt gaaggtagt gggtgaaagt tttcagtctt accagtaaaa 120
 acaagtgaga atgcaactgac gtccaggga aaaaaaacag atggggctag ctttcattgt 180
 ttccccattt tacaaaacca aagcca 206

<210> 888
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 888
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 caaagtgtca tcacgaaaag tggtcctcta ggaaggcata atatgtggcc tgatggattt 120
 gatgagtaga ttgtaaaagg gttgggattc tggcagaaca agaagagata actaattagt 180
 ggaattaact gagaaaagag ttcattagca tggtggctat tagactctaa taaaaatggg 240
 tgtgaaaaga tgggatttgg acctagaggc agtcttagag ccataatcct ttttttctcc 300

<210> 889
 <211> 300

<212> DNA
<213> Homo sapiens

<400> 889
ggtgaacaaa aatggcccag attcttattc agaaaccaat tcacatttta aaaatatata 60
ctgtacacta ccccatcctc ttcctaatag ctaaagtgat ctaccctaaa acaccaagca 120
gtccttctta cagtttggtc cctcctgaca gttcattgat tacaatgtga aagcaccaac 180
ctgagctaaa atgaaatgag aagcctgatg ttccaggcac caagtacttt aaaaatgtct 240
actggctgtc ctgcagcatt ttacttaatc attttttaga ggagggatga ggactgggtg 300

<210> 890
<211> 300
<212> DNA
<213> Homo sapiens

<400> 890
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ggacatcagc tgctgtggcc agagaagaga acatgaaagc ccacatcccg tgccctgcagc 120
caccactttt gctgtcactt cccagctgaa gtgaggaggg actgttcaga aacatcgaac 180
tgagcaaggt ctctgtctac ctcatggaaa acctgatctg gaaatgacac ttggaataaa 240
ataagattac tcttcatta aaaggaaatc caccctaaaag agagaaatag tggatatattt 300

<210> 891
<211> 300
<212> DNA
<213> Homo sapiens

<400> 891
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ttcgggttaa cttttccata ttcagcttga gatcaacctc ctttacataa ctgattattt 120
ttgccttgag gagaaaagat gacgctaaac acagcacaca tgtgtttatt atatgttggt 180
aatgtggaat tcaaagatga aagagacgtg agctgcatca ctaaaaaaga aacatattac 240
ataaatgcaa tgctgatatc atagataata aaattaacac taattttttg atattatcaa 300

<210> 892
<211> 300
<212> DNA
<213> Homo sapiens

<400> 892
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acgttatgac agattctttg aatgcgctaa tctcagactg gactaaagtt gggattaaat 120
ttaatttgta cttgagttca gtgcattgct gttctgggca taggaaatcc aggttgctgg 180
tgatgaacag ctgaaaagag ctgtgtcacc atggttgtct ctgtcagtc tgtgaccacc 240
cttacccttg taaaatcaag caaggagag attattttct aatgtaaatg aaaataaaaa 300

<210> 893
<211> 300
<212> DNA
<213> Homo sapiens

<400> 893
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ttcttttttt ctctctgtt tcccatttt agtagttcaa atgggttttg tattattgaa 120
gacaggtatg tctcaaatcc atggaactca caaaaaaggc tcattttcta tcctcaagga 180
gctttacatc taatggaaaa cacacagtga agtccagaag gactcactgt ggactggtag 240
caccatgagg gctttccatg aagaaggact taagccagac ttagcagggt ggcagggtg 300

<210> 894
<211> 300
<212> DNA

<213> Homo sapiens

<400> 894

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tgatacctga	aacctagagt	taactgtgta	ggaccaagct	cttctgaagg	agtcaactgc	180
tctcctctgt	caataatggc	tgtttatgcc	aaaacagcca	agagaacctc	cccacccctt	240
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<210> 895

<211> 300

<212> DNA

<213> Homo sapiens

<400> 895

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gtaccagcgc	cgttcctccc	ggggtcgga	ctgggggctg	ctccctcttc	tgcagcccag	120
ctccccagc	tccctgctct	ctgctacgcc	gatcccttta	ccccttgac	ccttcaccca	180
gctcactgct	gccctggtgc	aggtattcag	ggaagcactg	gggtgccata	tagaacaggc	240
aaccaagaga	acgcggtcag	aaggaggtgg	aactggggag	tcctctcagg	gagggacaag	300

<210> 896

<211> 300

<212> DNA

<213> Homo sapiens

<400> 896

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ttcccagtgt	tccctgcatc	ctcatctgtg	aggccgactt	cactatcatt	cccacttata	120
ggtggaggag	actgaggcac	agagctccca	aagccccaca	gctggcgagt	ggcagggcta	180
gcgtgcgatg	tccactagac	tggtgtctga	cgcagaagct	gcgcttctca	cccctgggat	240
ctggaagata	attctgatgt	gtgagatcca	ggagaatgca	ttgtttagcc	agaaaatggt	300

<210> 897

<211> 300

<212> DNA

<213> Homo sapiens

<400> 897

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cagttaaagg	gcctactttg	ccactgctgc	ctccttctta	atgctgaacc	tcatctccca	180
caagggggca	gtctcagcag	gtgtcagctg	agccatgtgt	catctgtcca	ggctaactgc	240
ccacacatcc	ttctgcaaag	ggtacctctt	ggttatcagt	gtcactgat	ccctatataa	300

<210> 898

<211> 300

<212> DNA

<213> Homo sapiens

<400> 898

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taaagaggct	ccattctctg	gaaaagacag	gagttgaatg	tcttattgat	tcttaccttt	180
ctgttcgtta	tagacgacca	gaggaaacaa	atgcccgaca	cggattcgac	tcagtcataa	240
gtgtgaacca	aataggccga	tctgggttct	ctcactgact	gaagaggaag	agaaataaga	300

<210> 899

<211> 297

<212> DNA

<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(297)
<223> n = A,T,C or G

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nncccccccc tttttttttt gcattgtatg tcaaaagcgc ttgttctttc gtgcatgtgt      180
aagatttaat ggttccattg tattatttga ccatgacatt ttggagaaac attcccagct      240
gtaatgttgt gtatggtagt tctcactgga tgctagagtt ttcaaaacca ctattct       297

<210> 900
<211> 300
<212> DNA
<213> Homo sapiens

<400> 900
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aaataaaata taaataaaat atgaaataaa ataaaagcca tggggaaaag gtagggtttg      120
attgctaata agaaatttct tggaaaagag actagctctc ttttggtttt ccaaagtcca      180
cattttataa catttttagt gcttgggtgt tgcttgtggt attacattag ataaaaatgt      240
atcacagtgt tggttttatac tggatgttta aataggattc attgaaaggg gtgtgttttc      300

<210> 901
<211> 300
<212> DNA
<213> Homo sapiens

<400> 901
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gttctttgag gtcaggtaga gggtatgggg ggagcactac agtgagcata tacccaaaat      120
gaagccagac ttccaaggta cgttctcact ggagagggag cttaatggta aagtttaaac      180
tttaagggtt taggttttag attaaggccc aggagatcca aggggaagga ggagggtagg      240
aatcagaga taagaggagc tgttgtcatc gcaggtagat taataattaa gatatgttaa      300

<210> 902
<211> 300
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(300)
<223> n = A,T,C or G

<400> 902
attatgaaca gatatggagg ccagagctca tttgggtaaa cttactcctg ctgagtttagc      60
aggttggtga gagaagctcc cctgagctca cctgtctctc tgactgcctt ggagtaggtg      120
gcataacctt gtgcacagag aactagaaaa ggggcagaac cccggccttg cagttgtggc      180
aggtttccac tgtggttaagc taggttcatt cctcatcaag gaatgtgtag cagattgttc      240
actgtggagg agttaattat agaatggggt attgttgnta ttcttactca tgaagttaca      300

<210> 903
<211> 300
<212> DNA
<213> Homo sapiens

<400> 903
caaagcttga tctattaata tattgatcag agttccatga tccttttcta aaatgggtggc      60

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tttattttgc	cagaataatt	ctgcagggtg	ttttttttgg	gacggagtct	cactctgttg	120
cccaggatag	aatgcagagt	ggcacaaatct	tggctcactg	cagctcttgc	ctcccagttt	180
caggagaatt	gtgtgaacct	ggaaggcgga	ggttgacgtg	agccgagatc	aatcaccact	240
gcactccagc	ctgagcaaca	gggcaagact	ccatctcaaa	aaaatttttt	tttggattta	300

<210> 904
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 904						
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caagggtaat	ccatatgggg	tagcctgggtg	tagagagtca	gggccccagc	aacattaagg	180
acatccctgc	aggatggcag	ccaggcttgg	gggtacaaga	ccctaaacag	gatgatgaga	240
gcctcccaa	ggagaggtcc	caggtataga	gtgtcagagc	ctgagcagat	gaggaaggca	300

<210> 905
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 905						
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ttgaatggta	acagcgcaga	tgttacctgc	ctataatcct	cctcctctct	acagattttg	180
ctttgttctt	gcttcttgtt	tttgagatcc	tgcacacaag	ttgaaattaa	ttaaaaacag	240
tagagcaact	tagtctggat	aagccttcat	ctggcaaata	atgttacact	gccagagatt	300

<210> 906
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 906						
ccaagatgcc	aatttccatg	aagtcttgat	ttatatatat	gtacacatgt	tatgcacata	60
catgtttgtt	ttctaacagt	tattttttta	gcttttgaga	taattttaga	cttacagaag	120
agttgtaaaa	gtagtagagt	tcttgatata	tctgcaccca	ccttgccctt	atgttaacat	180
cttacgtaac	aatagaacat	ttgtcaaaat	taagaaatta	accttgatat	aatactaact	240
aaagtagaaa	gtttaaaaag	tagagatttt	agtcttttca	ctaattgtcct	tttactgttc	300

<210> 907
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 907						
ggctattaaa	aatgtaatca	gtgtgaaaat	tcatgccatc	tgaatcgtac	gagtatgtaa	60
gggatttgag	ttccttacag	aattttctgt	aatttagtac	ttcaagtgc	ttataaatgt	120
atatacttct	ctctcacaaa	agtgttagga	gaaggaaaat	cttaaatact	agcttgattt	180
cttaatttaa	taacaaaaaa	caattctcat	aacatgtatc	acctaacatg	tcactttcac	240
tttaaaagtc	taaagagttg	aggtttattt	cttttctttt	aaagttgatg	tttatgttgg	300

<210> 908
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 908						
tcaccatgtt	gcccaggcta	gtcttgaact	cctgggctcg	aatgatcctc	ccaccttggc	60
ctcccaaagt	gctgggatta	taggcgtaag	ccactgtgtc	tggcctagtg	tatgattatg	120

catgagtcac	gcaatgttct	ggtcctggat	tccaggagta	gaggacctag	ctttaaatca	180
attagtttca	gctaaactga	ctagaaccag	gtcaaagtgt	aattctccct	ccagctcccc	240
caaaactaga	gttgggggga	actggaggga	gcaaaacact	gatttgatac	tagtcagttt	300

<210> 909
 <211> 147
 <212> DNA
 <213> Homo sapiens

<400> 909						
gtcttctctgt	gcaggggtgct	ttggtagcca	tcagagagga	accaagggca	acatcttttc	60
ttcccaggcg	ttcttctctg	ggtgctttat	tctcttcttt	ttctttatatt	cgccccacc	120
cccatcccct	gccttttttt	ttttttt				147

<210> 910
 <211> 274
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(274)
 <223> n = A,T,C or G

<400> 910						
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aacattcact	tacatgcaca	gaggtgccaa	gggacagcct	aatttaagat	tcatataaac	120
acatttatct	ggcaacataa	gttaatatgt	tggtaggagt	cccaccaagt	taaaattcta	180
aagtgtttga	atatgggcat	ttttaaagaa	agaatctgca	taccataaat	tcacgctttt	240
aagtgtatga	ntcannngna	anantggatn	nnca			274

<210> 911
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 911						
aacagataga	gacttggtct	taaaaaaaaa	ggaaaagaaa	aggaaacaaa	aaattatctg	60
ggcctaaagg	tgtgtgcctg	tgctcccagc	tacttgggag	gctgaggtgg	gaggatggct	120
tgagccctgg	aggttgaggc	tgcaagtgagc	catgattgtg	ccactgcgct	ccagcctggg	180
tgagagagca	agactctgtc	tttaataata	ataataataa	taataaagtg	gtcaggaagg	240
gacccccagg	gaggagcata	aacctctcca	gtggctgtga	tttgtcagta	aggacatggg	300

<210> 912
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 912						
gcaactcctc	tccaatgagc	tactcctgac	acaaatggag	aagtgtgccc	tcatggaagc	60
cctggttctc	attagcaacc	aatttaagaa	ctacgagcgt	cagaaggtgt	tcctagagga	120
gctgatggca	ccagtggcca	gcatctggct	ttctcaagac	atgcacagag	tgctgtcaga	180
tggtgatgct	ttcattgcgt	atgtgggtac	agatcagaag	agctgtgacc	caggcctgga	240
ggatccgtgt	ggcttaaacc	gtgcacgaat	gagcttttgt	gtatacagca	ttctgggtgt	300

<210> 913
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 913

cagaatccct	ttttcctttt	tttggttaaaa	gtactcatcc	ctaataattac	attgttcttg	60
aaggactgaa	aataacagaa	ctcagcacca	tgatcggacc	gggacaatca	gattatttca	120
ttcctcagca	aacggagatc	gatccgaaaa	gtggaaatat	gagctcttct	ttgggtgttg	180
catatggacc	ctgagagaaa	gaactttaat	tttttctctt	ggactgcaat	aaagtatagc	240
tgccataaat	acgtttcctg	acacttggag	gtttgtccac	aatcgggaaa	taaaggcaag	300

<210> 914
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

<400> 914						
cctaaacaga	atcccttttt	cctttttttg	ttaaaagtac	tcacccctaa	tattacattg	60
ttctggaagg	actgaaaata	acagaactca	gcaccatgat	cggaccggga	caatcagatt	120
atttcattcc	tcagcaaacg	gagatcgatc	cgaaaagtgg	aaatatgagc	tcttctttgg	180
tggtggcata	tggaacctga	gagaaagnac	tttaattttt	tctcttggac	tgcaataaag	240
tatagctgcc	taaaatacgt	ttcctgacac	ttggagggtt	gtccacaatc	gggaaataaa	300

<210> 915
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 915						
ggcaaatagc	cctaggagtc	ccattttttt	aagctgaggg	aaataatttt	caagaagctt	60
gtcttactag	tagcatcatt	cttttttact	ggctcacagc	ttggaagggg	tgatggtttt	120
tcctatgaaa	gctaacaaca	tttgagcaga	tccagtgtgc	tggtgagtc	cagtgaaggt	180
gtggagtgtc	aaggaagcct	cctgggtggaa	atgtaagtgc	agagaaggtc	tgcaaaaaat	240
acagggtgaa	atgttatcaa	ggagccaggg	tattatttaa	gaagaggagg	gaggggaaaa	300

<210> 916
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 916						
tccaagagga	gaagcatggt	ccaaaaccct	taactttggg	aatttagaac	tagctttttt	60
actatcttct	gcacagcata	acttcagtct	ccctttacta	attcaaggaa	atctcagtga	120
acaaattgta	taagggtaga	tgagctaaaa	gctcactgag	tcattaattt	gtcataactc	180
atctaaatac	aatgattagg	cttggtgtagg	tgctcctagt	ttctctttct	aaatcatgtc	240
ttagtaggga	cagagcaata	atgggtggatc	gtggcaacgg	gaaggaagat	gatgtgtcag	300

<210> 917
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 917						
tggtgtctga	ttctaagctt	aacctcctgg	tctcatggca	gtgacttgag	cttttgattc	60
atagaagaaa	gccagaggtt	ctgcttggtc	ttgtctgcc	gccctcgctg	ttctttctcc	120
tctgcctctc	acctctaccc	caaatacctc	tgttcttagt	ctcaagggga	gaataacatc	180
agggagcccc	tcattctccc	cagaaggact	tctcgttcct	catgtagtta	actccattga	240
ttttcctatc	ttgggtgtga	tagctctcta	agggtagggc	acacctcccc	acagccaccc	300

<210> 918
 <211> 300

<212> DNA

<213> Homo sapiens

<400> 918

caggaacgca	acaaactcaa	gtcgcagctc	ctggtggtgc	aggaagagct	gcagtgctac	60
aagagtggcc	tgattccacc	aagagaaggc	ccaggaggaa	gaagagaaaa	agatgctgtg	120
gttactagt	ccaaaaatgc	tggcaggaac	aaggaggaga	agacaatcat	aaaaaagctg	180
ttcttttttc	gatcggggaa	acagacctag	atccaaggcc	acaagtaagg	ctatggctct	240
gattctagaa	gacaaccttc	caagatgcct	ggcaaaacca	cctccctgtg	ccacacagac	300

<210> 919

<211> 136

<212> DNA

<213> Homo sapiens

<400> 919

gtaagggagg	gggtagggct	gggttattaa	gatacaggct	gctgtatttt	acattgggtg	60
tgggggaagg	ggagcctgga	gaaaacaaag	tcactattcc	cttttttgaa	acaggaaaaa	120
aaatattttt	tggtca					136

<210> 920

<211> 135

<212> DNA

<213> Homo sapiens

<400> 920

cagactcgca	ttatggacaa	gtcccttctc	cccacacaaa	ggaagacata	caccgcatag	60
tccatttcat	ttcagctcct	gatggcatct	gaccgccgtg	gacacttccc	agtggctctg	120
cttttggagg	gagag					135

<210> 921

<211> 300

<212> DNA

<213> Homo sapiens

<400> 921

aagcagaaat	gtgggtggtg	tgactggggg	ttgggtgagg	gctgctgtgg	ctggaatgga	60
gggctgccac	aataatggaa	atggtaaatg	aggcaagtaa	ggttgactg	gtggcatagc	120
gtcaaggttg	ccagctttat	taaatcactc	ttccaatatg	ctagcactgg	cctggttgga	180
aaagtaatac	atcatgtaat	cgaacaaaag	acagaggcaa	gctccaggaa	tgggcactgt	240
aaacaggact	tgtcccagag	tagccagatg	taggctttag	gtaagttgat	gcaagctgag	300

<210> 922

<211> 280

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(280)

<223> n = A,T,C or G

<400> 922

tctcgatctc	ctgacctcgt	gatccgcccc	cctcggcctc	ccgggggtgct	gggattacag	60
gggtgagcca	ccgcgctggg	cctggatcaa	atctttatcc	atgcacattg	gaacacagga	120
ttactgggtt	gaaatcattc	tagttttgtc	atttagatac	ttgtacgatg	aatctatttt	180
agcacaaggg	ataaataact	cgnnangnca	tctntanmtt	gtntnntttt	gtgnntttgn	240
ntanaccacn	ttcangntcn	angnnaactt	tncttnggat			280

<210> 923

<211> 300

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<212> DNA
<213> Homo sapiens

<400> 923
ggaaagggga cagagcagag ccagttgttc cacactttgg gaagcaggag tagcttttat    60
catcttcctc tggggagcag gcatagagac ataaactgag tgaaaatggg tggaggaaga    120
acttctatac ccacgaacaa catgtgaaga gagagaacca aacataaagt aaggagggtg    180
agttttattg tatgttgctt gctgacaact gttttggggg cgcttcagtg atatacattc    240
atagaaagac tttgttttat ggcagattag tttacaaaga gtattctgca agtgggatta    300

<210> 924
<211> 300
<212> DNA
<213> Homo sapiens

<400> 924
ctcaaaacca aatctcaact cagctacaga atctactgtg gtccttgtct gaaaaaatta    60
gttcaactcg ttggaatctt gtctcagagc atcctcatct ctttctcaaa agcccctacc    120
ccaacaccgg cgtgttggtt gtctattgaa acttacaagt ggatggaccc tttctccga    180
ataaactggc ctttgaaagc tctaategaa atggtttggc aaaatccata ctgcaggaga    240
ttagggagga caagaatgat gtgccttttt gtactgtctg gcctgatggt ggtgccacta    300

<210> 925
<211> 300
<212> DNA
<213> Homo sapiens

<400> 925
ggaaacagct ggactagaga tacacatttg ggcatatata tatatatata tatacagtat    60
atatatgcac gctgatttta tatatatata tatatataaa ataattatgg aagtcagtga    120
gattgtccag ggcaagaata taatgtcata tgagagggga gtccagactc tcaaggaacg    180
cggacattta aggggagagt ataataggat gggccgtcaa agtctaagtc agagcatcct    240
gatgttggag gcaaagcagg agagtgtgga ttaagcagct agacattggt tactggggca    300

<210> 926
<211> 295
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(295)
<223> n = A,T,C or G

<400> 926
atttcagcct gggcaacata gtgagactcc cgctccctaaa aaaaaaaaaat cccacaatcc    60
tatcacacag agatggcaac acttaccatt tgttctggtc acctttggaa ggaactttta    120
aatcaatgtc ttgcttctct gtgggttctt ttgtgactca cacctgcttc tgggtatagt    180
atgactataa agttgatttc ttgggtaagg tatgatctat gagaggaagc ttctaatttg    240
atgagcatca ggnantttt anctggtata ccttttnttt gccctctcca atcaa        295

<210> 927
<211> 300
<212> DNA
<213> Homo sapiens

<400> 927
gtggtagcag gcactagata agaggtgaac cagtgtggag gcaggagggg taggaaagga    60
gatggaggca ttattaccaa ggcattgatag aagccatggg atctgataag tggtgagaac    120
tggaagaga gggacaactc tgaaatttgc ctctgattgc agttaaatga tagcatgcta    180
atgacagagg tagcagtagg ttggggagag tgtagtagta tttctgtttt cagtacactg    240

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ggttttaagc attgacaagc caccaaagc aaatatcaag caaagagtgg cacatctagg 300

<210> 928

<211> 300

<212> DNA

<213> Homo sapiens

<400> 928

gcgatttatt	tcacagagtt	aaggggcccag	tacacttcat	ggtataaaaat	tatcttttttc	60
aggggatgaa	ggcacaagga	gaaaattact	tgaagcttgg	agatcttctc	tggcaagcaa	120
tttacaatt	ctgggtgtct	ttgatctggc	tccccgccca	gacaaccagg	gagttcttca	180
tgttctagcc	tcatgtgttg	cactataggc	agtaatttgg	catcagccat	agaggaggga	240
tccgatagtt	gtcattgctg	cccgccacat	atactccaca	tggaatgata	ctcataatgc	300

<210> 929

<211> 300

<212> DNA

<213> Homo sapiens

<400> 929

gggacactgg	attctcattc	tactcaaact	cccactagga	ctgttggcct	gttcgcttct	60
caagtgtttg	tatttttctg	agttaatt	tttgggtgta	atttacatgt	aggaaaatgt	120
acacattttt	agtgtacagt	tcaccaagct	ttggcaagca	tgtatagcct	ggtaaccac	180
aagccaatgg	agacctagaa	cattcccgtg	accgcagatg	ctgggttctg	tgtgccttcc	240
cagggcttgt	ggctgggcac	atcaggcatg	gcgggtacca	tgctgacag	ctctgaacca	300

<210> 930

<211> 300

<212> DNA

<213> Homo sapiens

<400> 930

gaatgggtag	gaacaagcat	tagcctggtc	tgggttcctc	cagctcttag	gacaagtgg	60
aacagatttg	ctgttctgat	gattcatctt	tctgacaca	gggatagcag	aactcagctt	120
tgaagaaagg	catctgcaga	gatcatggca	gttccatttt	gcgttctgag	tttgcctctt	180
taggtaagg	aactagaatg	cagatacagt	tagaatcagt	ctctctctct	ctgtttgtct	240
gtctgtctgt	cactctctct	ctccttattg	cactgagggc	cgggcgcggt	ggttcacacc	300

<210> 931

<211> 300

<212> DNA

<213> Homo sapiens

<400> 931

gtcatgagaa	gagccccaga	tgggacaccc	gttcttctct	gtgacattag	ggaatttgg	60
acagctttct	ggatcagttt	ttgccttta	gatgcattct	gactcatcaa	accagaaaag	120
tgtagagcaa	atattcctat	tcccatgtcc	ttggcagaca	ttgctaattct	atctcagggc	180
tccaacagag	ttgggtctca	gccttaccag	cctggcagcc	actagacttg	atccctgaga	240
tgaaacctct	tgaccacaca	ggaactccat	gatcttgaag	ctcccttctg	gctctataac	300

<210> 932

<211> 300

<212> DNA

<213> Homo sapiens

<400> 932

ccaacatggt	ggtctcaaac	tccccacctc	aggtaatcca	cctgcctcag	cctccaaaag	60
ttctgggatt	gcaggagtaa	gccaccacac	ccgtcctcag	tgccctggact	tctgcagtgg	120
acttccttta	aaaatcctgg	aatatacact	gcagtaaaag	aacaaagcat	acttcagtgc	180
tttaaggctg	aggatgctt	tgttctttta	ctgcagtgtg	tattccagcc	ttaaacgact	240
gaagaagaat	gtcaagtggg	gaagtggcct	tggttttcag	tttgtgggtt	ctgaatccac	300

<210> 933
 <211> 264
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(264)
 <223> n = A,T,C or G

<400> 933
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 ctctgggggcc agtcctgcac ccacctctac ccctcgccga cagccagacc acaacaccag 120
 attgtaccca gatagctggg attggaagtg aggaggtttc tcaccccaca gataacccaa 180
 gacacaaatg tgcaattaaa agtttatttt agaccacaaa aaaaaaaaaa aaaaaanntg 240
 ngccttnaa anttntgggg ggnc 264

<210> 934
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 934
 gatgtcctgc tatacaccat ccactgccct gcccttaag cctcacatct ttcattctctc 60
 ctagtcccaa cccatggctc ccagacgatg actctgcctc cctgttcttg tagcattcac 120
 agattgcctt gtttagtagc ctttcacatg agatccactt gacagcccct gtcctcacc 180
 ctctcaaac tcctcaccac actgaaactc ttccagctcc atgagtaggt tcttgggtgg 240
 tttcttcacc tgcaggttca ggtcaatgct cagccgggga ctgcacaggg atgctttgca 300

<210> 935
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 935
 accaaagctg ctggagcctg aggcagagaa ccagaggccg gaggcagact gcctctttac 60
 agccaggaat ctgagaggat ttgaaaaagg tgaaggacag gatgggcatt gacagtagtg 120
 ataaagtgga cttcttcac ctcctggaca acgtggctgc cgagcaggca cacaacctcc 180
 caagctgccc catgctgaag agatttgac ggatgatcga acagagagct gtggacacat 240
 cctgtacat actgccaag gaagacaggg aaagtcttca gatggcaagt aggccattc 300

<210> 936
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 936
 gagccatggc agaaaatcag tgatgtcatt gaggactctg tagttgaaga ttataattca 60
 gtggataaaa ctaccacagt ttctgtgagc cagcagccag tctcggtcc agtgcccatc 120
 gctgcccatt cttctgttgc tgggcacctc tctacatcca ccaccgttag tagcagcggg 180
 gcacagaaca gcgacagtac aaagaagact cttgtcacac taattgccaa caacaatgct 240
 ggcaatcctt tgggtccagca aggtggacag ccactcatcc tgaccagaa tccagccca 300

<210> 937
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 937
 tcttctagga atgaggggca tcagcccacc ccaggcacct cagtgggggt ccgggccacc 60

tcaggactcc	aagaggctgt	gtggagccac	cactcctagc	cacagctgcc	atgataagtc	120
cttccatgaa	ggactgagga	gggagagtgg	gggtccaggg	ctggtgctgc	tcttccctca	180
gctctgccgg	ggctctaagg	tccctctatt	tattttctcaa	ccctggctgg	cctctcacca	240
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<210> 938
 <211> 300
 <212> DNA
 <213> Homo sapiens

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agtgaaaatg	gtctgtgcat	gggtgtgggtg	gggtgagggg	gaggccgggc	gtggatggag	120
cagcagggag	gtttagagaca	atgtccagac	atcagagaga	gggctgggct	ctgatcctgt	180
gccaccctga	aaggctttga	tcctatggtt	tggtcagaaa	cagagcctgt	aaaacccatg	240
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<210> 939
 <211> 300
 <212> DNA
 <213> Homo sapiens

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tacacccttg	agcatctctc	ggcctggggc	tctgtgagag	gttgccctga	gagttggggt	120
tttagttcaa	aaagaaggaa	cacagatgac	tactctgctg	gcgacacggc	cactctgctg	180
gcacgcacat	agcatggcgc	ctcctttttt	gggggactct	ccttgggtggc	atctctggca	240
ggctgagtcc	tctccagctg	cagttctgga	ccctgtctgg	gttggggagg	ggcatttggg	300

<210> 940
 <211> 300
 <212> DNA
 <213> Homo sapiens

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gcgctgctgt	cccgcgtgcg	gaacaagccc	tatgacgtgt	ttggctgttg	gctcaccgag	180
accagcctca	tctcggggaa	cctgcaccgc	atcggagata	tcacctcctg	ctcgggtgctg	240
tggctcaaca	atgccttcca	ggatgtggag	tcagagaacg	tcaacgtggt	gaagcggctg	300

<210> 941
 <211> 300
 <212> DNA
 <213> Homo sapiens

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tgtccactc	tactgtgaga	tagagcttcc	agagttgttc	acagggttga	gatttttcgc	120
tctgaatttg	agaggcaacc	gtatctggcc	ttctaaggag	gcagggagct	acctgggagg	180
caacactgac	aggtcatttt	gcttcagtgt	caagcatttt	tttctctctc	ttttgttgtg	240
gcagctcagt	gttgacaggg	ctccacacgt	cttcttttag	tagtgggagt	atgtgcccaa	300

<210> 942
 <211> 300
 <212> DNA
 <213> Homo sapiens

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tgtcgggggc	cccctaggag	ggagcgtggt	ggacattgcc	atgggacgga	agtctgcttg	120

gcagtggcctt	tgataagcga	tgcttggggg	tcagaccacc	ccctagagga	gccacgtgcc	180
gcccagccac	cttcaatgcc	tgccaccctg	cccgaggatg	tacagagccg	tgcccacaca	240
tttccttgca	acttgatcaa	atttcttaaa	gcaaacaaca	aaaatgtaca	tttctgtttt	300

<210> 943
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 943						
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gtgagtgaac	tccgaccgtg	gcaggtgagg	cttctgcact	tagctggctg	tcttcatgtg	120
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cctccacac	ttggagggtt	ctactagtgt	gcctgcgtgg	ctgggttctg	cacactcagc	240
tacttttagtt	tctttagtct	atccttaaaa	agattcctag	gtgtgttctt	gattttgagg	300

<210> 944
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 944						
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tggcgtcact	caaggaccgg	ccggcgagcg	gcagcccgtt	ccagttgttc	ctgagtaaag	120
tggaggagac	gttccagtgt	atctgctgtc	aggagctggg	gttccggccc	atcacgaccg	180
tgtgccagca	caactgtgtc	aaggactgcc	tggacagatc	ctttcgggca	caggtgttca	240
gctgccctgc	ctgccgtac	gacctggggc	gcagctatgc	catgcagggtg	aaccagcctc	300

<210> 945
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 945						
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aaccagcaga	aaaaggcttc	ttgttgggct	gatgggtgtt	gtgcgagaag	ctgaggtggg	120
cagggaggag	agcctaggag	agcggtaggg	ctcatgggca	ggccgttggg	gtacgccttg	180
gccctgcctg	tccccagtcc	cacctactgtg	gactccaggc	catcctcagt	ccaggtgggtc	240
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<210> 946
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 946						
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accacctacc	tgtgtttgca	agttccatga	ggaagggccc	atgcctcctc	ctgcttatca	180
cagtgtgtcc	aaatcagtgc	ctggttcagg	gcctgtgtgt	atgggacatc	tcctaggcac	240
cacttcacac	cctctcagcc	ctaccttcca	ctccagccac	cacctcagca	accagttctg	300

<210> 947
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 947						
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cctctcagct	gtagctgcac	cacccccgct	ctggctacca	ggctctcccg	gctgggcact	120
gcgtggcctt	gcccctctcc	cgctggcagc	tcctcagggg	aacaggggct	accagaggct	180

gattttctccc	ctctcctggg	ccaggggagg	ggtattatcc	ctgcctcctg	cccccgatgc	240
ccaaagcagc	atcttccagc	actttccatc	gaggacttgg	gtggcagagt	gtgggtgcag	300

<210> 948
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 948						
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ttcctttatc	atcaagtccg	atgtatgatg	gctatcctct	ttctgattgg	ccaaggaatg	120
gagaagccag	agattattga	tgagctgctg	aatatagaga	aaaatcccca	aaagcctcaa	180
tatagtatgg	ctgtagaatt	tcctctagtc	ttatatgact	gtaagtttga	aaatgtcaag	240
tggatctatg	accaggaggc	tcaggagttc	aatattaccc	acctacaaca	actgtgggct	300

<210> 949
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 949						
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gtttattttg	tctaccacag	gtgctcaata	aatatttttg	actattttatt	acatgagaag	180
gtttccatgc	aaacacccat	tgaatacgat	tgaacttgaa	ccctaagaga	tgggctgtga	240
cctttgttgc	cctcaaaacta	atcaaagggg	agtgatattc	accatccaga	atctagaata	300

<210> 950
 <211> 293
 <212> DNA
 <213> Homo sapiens

<400> 950						
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ggactcagag	aaagcaaggg	tcagggtgac	cagaaataga	gaaaaaaaag	ccttacagag	180
gaagaggacc	tggacctgag	ccacagagga	tgggtagaac	ttagaaggag	ggaatgagcc	240
cagtctgaat	gatatgtcta	caaagtatac	aatatgcaat	gatgattaac	tga	293

<210> 951
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 951						
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ctgtgatcag	cttgctgcag	gaggcagaaa	gtaaactctga	acttagtcag	aacatctctg	120
cccgggaaca	ttttgtattt	accgatattg	atggccaagt	gtatcatctc	actgttgaag	180
gaaactcagt	aaaagacagt	gctcggattc	caccagatgg	aagtatgggt	agtattacct	240
gcatcgcttg	gaaagggtgat	acattagtgc	ttggagatat	ggatggaaat	ttaaatttct	300

<210> 952
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 952						
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gtgaaatggc	ttttttacat	actcagcatc	aatttgggtc	taaaatcagg	agacattcac	120
ccttctccac	cccaatttcc	aacatcccct	cctttgtaga	gagagcactc	tggaagccac	180
tgagccccc	agccctaggg	cctagaccac	tattccaaaa	gggaagactt	ttccattact	240

atgacagaca cccaggctgg agtcctctgc ctgcactcaa agctctaacc ccaacctctt 300

<210> 953
<211> 300
<212> DNA
<213> Homo sapiens

<400> 953
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agcttgatga catggaattc agggaaaaga ctatgatggg gtcacttgta actgcttttg 180
tgctgtaaaa ttgtcatgga ttaagaagag agttggctgg gtgcgggtggc tcacacctgt 240
aatcctagca ctttgggagg ccaaagtaag gactgcttga gcccaggagt tccagaccaa 300

<210> 954
<211> 300
<212> DNA
<213> Homo sapiens

<400> 954
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tttttaattc ttggactcat gtccctcattg cttcactcaa ttaaaaaaaaa attattctcc 120
agtcccctcc cactttgctt cttgtatgca ttgtgaccga cccacttcc tcagaatgta 180
acggggccag agggaaactt ctcacaaact tcgtagagcc tcctcagggg aagctaggaa 240
gaagacatca aatgttttta agtcatgacc aaacaggctt gttggggaca tatcatgggg 300

<210> 955
<211> 300
<212> DNA
<213> Homo sapiens

<400> 955
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gactgcacag agccgtgtcc cagacacgct gtcagtgcct tcaacacgga gccggtttgt 180
tcattcgggtg ctttgtttca ttaataataa gggaaatatt catttaaac aggtatatca 240
gtggaaacac agagttatth taagtgcag acaaattacg gttgagttct gtggcttctt 300

<210> 956
<211> 300
<212> DNA
<213> Homo sapiens

<400> 956
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ccggcagctc cccacactt ttgcgctggt tccacgactg cctgggcttt tgccacttgc 120
cgctgagccc aggtgaggat cccgagctgg gcctcgaaat gacagcaggg tttgggcttg 180
ggggactgag gcttacagcc ctgcaggccc agccgggcag cattgtcccc actcttgctc 240
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<210> 957
<211> 300
<212> DNA
<213> Homo sapiens

<400> 957
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gatcagcaca catccattca agcaccagac actggagaaa gtccacttga ggtcagtaga 120
gctgcctagc agatgcccaa ctgacccaaa aagcataaga cataaacatt tattgttgta 180
taccctctga agttttgcat gtgttacacc atattactat agtaatagat aattgataca 240
aatgtcctac atggcctgga ccatgcattc cttgctaaat ttatttcttg ctactctgtc 300

<210> 958
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 958
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 gctggaattg agagactgag gacacaaagt ggtgtgctgg agaataaact agagcctgtg 120
 gtgccagact ggcaacttgg ggattgtgtg agtgagggag agattgtgca gagctaatacc 180
 taacattgct gatgagtggg cagaaacat aggcctcatg aatagtgatt tctgaagtca 240
 aagcccagta tgcttaaata tcaacccaag tgggttgagg gaggggagca cagcttactg 300

<210> 959
 <211> 273
 <212> DNA
 <213> Homo sapiens

<220>
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 <222> (1)...(273)
 <223> n = A,T,C or G

<400> 959
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 ataaacccct tcttaagtgc atgagatggt ttgatggttt gctgcattaa aggtatttgg 180
 gcaaacaaaa ttggaggggca agtgactgca gttttgagaa tcagttttga ccttgatgat 240
 tttttgtttc cactgggaat aaagntggat tcg 273

<210> 960
 <211> 181
 <212> DNA
 <213> Homo sapiens

<400> 960
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 aaccggggac ggttgaaagc cttcgaaccg tgcaggggat gcctcgggac ctggcccttc 120
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 a 181

<210> 961
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 961
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 aaccaggctc ctgaggacca ccacgtggct gcaacacagc aggagtccac agtccagagg 180
 agaagcccga tgctgaacag agaatcacat ccgtgagcaa cacaaaaggc ctcaatcaaa 240
 aacctctgaa agccactggc ctagagttag aggaagagtt agccatgaga aatggtggtg 300

<210> 962
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 962
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 ctgacaacag atcaataaat ggcttttaaa aagcaaaacc cctcaagctg tttatctagg 120

aagcctgaca	aaccctgccg	cagtgggtgtg	gccccatgtg	tccccagggc	ctggggccca	180
cctctgcccc	agaagtcctc	ttagtgtctg	tagacaggtc	ccatttccac	caggtcaacc	240
agggtgtggt	cagtggacct	ggatggcagg	cagagcagag	gaccgctgtt	ctatttgttg	300

<210> 963
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 963						
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aaccaggaac	atttcctaga	atcccccttc	cgttatgatc	ccaagttagg	atatgccagt	120
gagaggtgct	gttttagtcc	cttttgcctg	ctgtgacaaa	atgacacaga	ctgggttagct	180
tataaacaac	agaaatttat	ttcccacact	tctggaggct	ggaaagtcca	agatcagggg	240
attggttagat	tctgtgtctg	gtgagggctc	attttctgat	tcatcgatgg	caccttctca	300

<210> 964
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 964						
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ttttggtttt	gatcaaagat	tacagggtgtg	agccaccgca	actggcccac	tgtgttacga	180
tttgaaataa	aaaggaacct	gtcaagtacc	cagagaatat	cagaactgct	gtccgatctc	240
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<210> 965
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 965						
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ataataaaaa	gcatggagtc	aaatataagc	caagagtatt	acagagactt	ttaggctgac	120
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accatgttat	cccaaaagg	aatcatcagc	aaattttacc	agaaactgct	gaattcaaga	240
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<210> 966
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 966						
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ctgttaccac	atcaccttgt	ccactgtatg	gacagtgaac	tgaatgtgaa	gaaacttgag	120
gcagagagac	agcacagagg	ctgttggaat	aaattcactg	ggctcatctc	acatgtatgt	180
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<210> 967
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 967						
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cccacctccc	ttccagggat	ttgaatagtg	gtttttctct	agctttttgc	cagaacaaag	120
gagggtacat	tacttaaacc	cagggcacat	ggatgtgctt	gggctatggt	ggccataaac	180

cctgagccca	gagagcttgg	gtcactgtca	cctgagtgca	gctgggctgc	ctcaggcagc	240
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<210> 968
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 968						
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agcagaaagt	catcatcttg	gaagaaggta	gccttcttta	cacagaaagc	gatcctttgg	180
aaactcagaa	ccagtcatcc	gaagactcag	agacagagct	gttatcaaat	ctaggagagt	240
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<210> 969
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 969						
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agggtctctgt	cctgggcagg	ccagcagatg	cagtgattgc	aaatcctcct	tgtacaaatg	120
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atcagttgtc	tcccaggcgg	ggaaggctcc	tcagacataa	aatactcacc	catttagagg	240
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<210> 970
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 970						
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atgagatcct	agcttcggtg	ctggcagtg	cccaacagga	atacctagac	agtatgaaga	240
aaaacaagt	gcacagagac	ccgccccccag	acaagagttg	atggagaccc	agggattgga	300

<210> 971
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 971						
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tacagtaaca	gggatggagg	gcataaggct	ccagagcaat	gctggcgccg	tcagtgtgtg	180
ctctagaggt	gcaaccgggg	tggttggtgg	tcagcctggg	tgacacagca	ggtggcccat	240
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<210> 972
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 972						
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gcctactgga	aggaccgacg	acaaacacgt	catgaggaag	gagcaacgca	aggaggataa	180
ggagaagcgg	cgctcgacc	agctggaacg	taggaatgag	actctgcgct	tactggagga	240

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<210> 973

<211> 300

<212> DNA

<213> Homo sapiens

<400> 973

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gtagagacgg	ggtttcacca	tggtggctag	gctggtgacc	gtgtgggtcat	ggtggggacc	120
agccctccgg	ggcaccaggt	cggggcaggt	tctcacgtgg	gagggcacag	ggcttcctgc	180
aggctcggag	gccagggcg	gattgtggcc	agtggaagg	aaagatgttt	ctggcagggg	240
gacttgtgtg	ggccacggct	gtgcggctgc	ggcggtgagc	acggcctcac	tgtccacctg	300

<210> 974

<211> 300

<212> DNA

<213> Homo sapiens

<400> 974

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caggctgggc	aacagagtgt	gactccgtct	caaaaaaaca	aaaacaaaaa	caacttctcc	120
ctcctccaca	gactcctccc	tggtcaccac	tagtgatcca	ccttatggat	ctcccaaggc	180
cacctctgcc	tctgctctgt	gttgatttat	ttggggacct	gtgggtctggc	atgcattgta	240
cttggtgccc	caaagggtcg	tggtcatctga	taagtgtatt	atcctcaggc	acagatttgc	300

<210> 975

<211> 197

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(197)

<223> n = A,T,C or G

<400> 975

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ggcttctgct	ttganngtgt	nangacacgc	tatgacnccc	gncagngnta	atgnccccnn	180
ntgtnatnct	gttttttg					197

<210> 976

<211> 300

<212> DNA

<213> Homo sapiens

<400> 976

gcgagatcct	ccagttcctt	gtcatcccaa	atagggccaa	gggaaaacac	aaataaggca	60
tatccctgac	atttggtctg	caaggattcc	ttctttaaga	tttccccatc	taagtggctg	120
gtttccccag	cagatatcac	aaatatgact	ttgtttcttc	tcagattggg	tgtacttaaa	180
aatacattgt	ccagagtcca	ctgtaaggca	tgaccaataa	aagcatctcc	atttagttgt	240
ttaactgact	cgtgcacatg	cctcttcacg	aggcgcttac	ttctgtaggt	ggtaagattg	300

<210> 977

<211> 300

<212> DNA

<213> Homo sapiens

<400> 977

tgtcacaagg	ggtttttgta	gaagctattc	ttcacagagg	ttgggggaga	gattaagcca	60
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aaggatctct	gaggtctttt	tcaaactctat	gattatgtgg	ccttttggtc	attgacttcc	120
atgtgttcta	gttgatcatt	acaaacctgg	caggccttct	caagggttca	gtaattagct	180
gtcatttccc	atttgtccag	agagtgtcca	acacaaaata	cccctaagat	cttggccaat	240
agagaaatgt	catggaattt	tagaaatgac	agtatctgcg	gagtttattc	caagttatat	300

<210> 978
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 978						
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acttttatct	ggccagattt	ccactctgag	ggcttttctt	tctagttatc	tgacaaacca	120
taaattttat	ttcctttaag	ggcaaaacca	acctccaagc	acatttatgg	cccatgtttt	180
aagagctggc	cgccctttct	atcctgtatc	tctggttaaa	cgtgttttct	ttttcttgga	240
gcaaattttt	caaagagggg	ctaaagctat	gtgttcctct	ggagagaact	cctgcctacc	300

<210> 979
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 979						
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gttctaata	acacaaattt	tgagactaca	gcacttcttt	ggaaagagga	agaatgcaaa	120
gttcagtatt	tcaatacttt	gtattttact	tgaaattacc	cttagtagca	tctttttttt	180
cctgtctgaa	agcttttggt	tgatgagaa	gggacatttc	atttcctccc	ttaacaaagt	240
gtcattctga	ggttctcatg	tgtgtttttg	gaaatagaga	tactggtttt	gtagagtttg	300

<210> 980
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 980						
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gtgttacgaa	atgttattca	atagcaatta	tgagagattg	ttttagccag	aaactgatca	120
cttttaagtt	actggattat	tctgcttgag	cttgtgagaa	cctcaatgta	ctccagtcct	180
ttctgaaata	aggcaagatg	taaataagaa	ttgtgtgaag	tgtttaagat	ggacacttag	240
aattattcag	aacagaagtt	taaagtgtgt	ggcctaagaa	atgtaattca	aatgactat	300

<210> 981
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 981						
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cacccacta	actctggggc	ctgtctgtgc	tatttaacat	ttcattcaaa	caggagctcc	120
tggaagaag	cttggctcag	tatccttggc	agatcacccc	tcaaagtctc	cctcaggtat	180
attctaagtg	aggacggatc	ccatatatac	ctcacttagg	ctttactctg	ctctgcaagc	240
acaggcaaga	ccagctacat	ctttgcacgc	cacccctggg	tcttagtagg	ccaagaacct	300

<210> 982
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 982						
attaaattca	ttagtgtgaa	agaggtggga	gtgaggtttt	ctggcctgaa	gcagtctgca	60
ctgaaaggta	cccaagtggc	ctgaaacagt	gtaggggaaag	acctgggaaa	cactggacca	120

aaaaagcctg	atctcatgga	gacctgcatg	gccctgttag	agatggcgta	gaagtgaaag	180
tcttaaaggg	agcattagag	atccttttaa	tacacgactg	agtgccagct	tatttgtgat	240
gcccttccc	agaccaggtt	aggattcctg	ggaaggccgc	ggattccggc	cctggaagag	300

<210> 983
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 983	
ctccagtaga	acttgagcac ttggaacctg aaaaatgtaa agaactggtc tgtatagtga 60
gagctgtgga	ttgttctaga cttttgcccga gcccacaaatt ttagtgatag caaaagggca 120
ctggaactag	aggccagagg gaaactatta aactcacgtg ctggcgtgag gaggggatgg 180
agccaggagc	tcagactctc cctcatctca cgggcatttt gtaatactga catttccaga 240
tagaacctgc	tgccctagtc tagctaccca cagttccctc cgagatgctg tatttggaac 300

<210> 984
 <211> 136
 <212> DNA
 <213> Homo sapiens

<400> 984	
cctgcagcca	ctaattgcatt gtgtatgata acaaaaactc tggtagtaca cattttctgt 60
gatcattgtt	aattagttag atagtaacat ctgtagcagc tggtagtagta acctcatgtg 120
ggggaggtgt	gggagg 136

<210> 985
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 985	
cttaacataa	cctatgagag tggacaggtg tatgtaaatg acttacctgt aaatagtggg 60
gtaaccgaa	taagctgtca gactttgata gtgaagaatg aaaatcttga aaatttggag 120
gaaaaagaat	atcttggaat tgtcagtgtg aggatttttag ttcattgagtg gcctatgaca 180
tctggttcca	gtttgcaact aattgtcatt caagaagagg tagtagagat tgatggaaaa 240
caagttcagc	aaaaggatgt cactgaaatt gatatttttag ttaagaaccg gggagtactc 300

<210> 986
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 986	
gtttctaagc	acttctgtga ttgcatatca actcatttaa tcttcacagc aatgtgagat 60
acatactatc	ctccccattt tataattgag ggaactgaag catagacagg ttacatagct 120
ggtgactggc	agatgaattg acttagccgt ggtcctgcag gtgatgagtg gcagcactgt 180
gctcttatca	ccagctcttg agcgtgctgc atcctctcat ttgtcgttgg tctcccctag 240
tgttcagtag	tgtgccttgc acgtgtttat actcagtagc ttttgaatga cagacttaca 300

<210> 987
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 987	
tgagtgcctt	ccgaaattga cccacctggg agctatttac aaatgtccat gtgggagaga 60
gagagcatga	gagcacagta gccacgctg ctgggtcagca ggctcatctg tggttcacct 120
gtagacagag	agcagatcaa tgtgtacttc agacaccaga aagtctgggt gctttgggtc 180
caagtgggtg	aatcacctga ggtaggaggt tcaggaccag cctgaccaac atggggatac 240
cccgtctcta	ctaaaaatac aagccgggagc tgggtggcgca tgctgtaat cccagctact 300

<210> 988
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 988
 atgcaggaac tgaaaaatag taaaaattct agttcctttg gcttgagtga cgagcgcat 60
 agtttggtc agctgtcatc atcgcggtc gcccatctga gtgtggacc agatcagctt 120
 ccagggtcag tgtttctcc tctctctct ccaccacttc ctctcagtt ttcattcttc 180
 cagccaccgt gttttctcc cgtacaacca ggatctaata atatttgta ctcagataat 240
 ccagcaactg aatgagcaa acagaaccg gctgctaata agaccaatta tagtcatcat 300

<210> 989
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 989
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 ccaggctggt ctccagctcc tggcctccg cagtcctccc acctcagct cccagagtac 120
 taggattatg ggcattgagc accacaccta gccaggcttt ttattattgag ttggttatat 180
 atgcttcata gccacacttt ataattattg agtatagtat taaattacag ctgtgtgtca 240
 agtcagtgtt tctgtaagac agtatatcca atattggtta gagtaacacc tatttggtga 300

<210> 990
 <211> 245
 <212> DNA
 <213> Homo sapiens

<400> 990
 cagagtcaac atggagcatc tcaactgtgaa atgatccatg gattgaagga tatggtaaaa 60
 tgtttatagg ttactttgaa agtaaaatat actatgtctt ggttttgagg atattggata 120
 caaaactctc ttcttttagg gctactgaga ctgtattcct gatcatcaga aatttcacca 180
 gaaacaactt gttccaata tacccaattc tatatgaaga attcatggag agtgactgg 240
 cactg 245

<210> 991
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

<400> 991
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 gatgtatgtt ggagcccatg gtgtatgggg gtgggtgttg gggaaggggtg gagggtagct 180
 acccctgag gcttctccag aggggtgtngg gaccanattg gacctgggtg aggaagggcc 240
 ctgganaggg cnggcctnna gtctcactgn tcttangtg gnccgnngnt ncaaacttg 300

<210> 992
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 992
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agcagagtag	caggccaagt	tccagcatcc	tggtgccag	gaccaccgtg	caggcttaag	120
aagctggagc	tttaggat	ggagtgtcca	tcacttggca	tctttctcat	agcccagggtg	180
gcatctgaga	attaggttag	ggttgatttg	gaccctatgg	tttggtaaat	catgtccctt	240
gaatgtatac	aaatgatgtc	tgttgatatt	taaaatatgt	ttctttctgt	ttaattgtaa	300

<210> 993
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 993						
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gagatggggtc	ggcagagccc	tgctgatggc	tgggccttgt	gggcagccac	tctgtgtgag	120
cagggtgttg	ggcccataca	cttcaaagac	cagagccctg	cactgggaga	gtgctcctgg	180
cccaggtctg	gaatcacctt	tcgaggccct	tcagactctg	gcggggcttg	ctgtggcctc	240
cctccagcta	gtggtgtggc	tgagcagact	ccagggccag	ggccagttcc	cttctcccct	300

<210> 994
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 994						
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attgcccggtg	tggaagaattc	ctatgggcaa	gagcgtcgct	gccatctcat	gtgagccctt	120
gggtgtgggg	taactgcctt	gcttctgccc	ccggcacttg	ccatgttcca	gtggggggca	180
gatactcagg	acttcacggg	tatggttgcc	agctgtgttc	ctggcccctg	gacacacagt	240
gtggcaccct	catgtttgca	cactttcccc	aggtccagct	ggccctgatg	tcaatgttta	300

<210> 995
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 995						
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ttttccaact	cagtaattaa	aaaaacattt	acttcctgcc	tactgggttg	tggaatattg	120
tcaggatctc	tggtgtccag	gtgagggatg	cagaatgcag	ggaaagacag	gtcccctgcc	180
ctccagaagt	cgggtggcgc	ttttcagagt	aacacacact	ggagcagacc	cctggaaaag	240
gacagtccac	tggtggacca	tgaccttggt	caaaagaggg	accagggtctg	gcttgctcac	300

<210> 996
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 996						
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gcaggacccc	tccttggtgg	agcaggccct	cagctacttc	gctcgcaagg	aggaggactg	120
caaggagtat	gtggcagctg	tcctcaagca	tatcgagaac	aagaacctca	tgccacctct	180
tctagtgggtg	cagaccctgg	cccacaactc	cacagccaca	ctctccgtca	tcagggacta	240
cctggtccaa	aaactacaga	aacagagcca	gcagattgca	caggatgagc	tgcggtgctg	300

<210> 997
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 997						
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agtgcgcccc	tccttggggc	cagaggggag	gtccctggag	gcagcgctca	ctatgggggg	120

ccctcccctg	agaagaaggc	aaaaagttcc	tctgggggca	gctcccttgc	caagggccgg	180
gctagcaaga	aacagcagct	cctagccaca	gcggcccaca	aggattctca	gagcatcgcc	240
cgcttcttct	gccgaagggt	ggaaagccca	gctctgctgg	catcagcccc	agaggcagaa	300

<210> 998
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

<400> 998						
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catgtcctct	atgcccttaa	tttgcttcct	catcttgag	ggtttgggga	gaagttggcg	120
tgccaccccc	acaaccctg	aggaggtgta	gacccagtct	gagagccgca	agcactgagg	180
cagggcctga	gactggacct	gggtgagcgt	gnngtgtgga	ggntggcgag	gtgcggagac	240
tgcagaccag	tgnttcactg	tntggagnnt	gncatgctgn	gtctgtaccc	tnngggacttg	300

<210> 999
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 999						
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cagcatttga	ggaaagctgg	ttttgtcaac	aacaaaatac	tgatggaaga	cagaaatagt	120
gttttaggag	aaacatttaa	tataaattca	aaccttgctc	caatgagaaa	aatacctgat	180
aaatatgact	tatgtataat	gaacgtgaat	tatatttcag	aattaattgt	tagtaataga	240
aactcctttg	gaaggaagct	tgatgagctc	agtgcacatg	cgaaattgct	ccttcatatg	300

<210> 1000
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1000						
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atgtcctttg	ggcaggatgt	ggatgcagct	gtcggggcag	ctctgggtcat	gctccggaga	120
cacctcaacc	agaaggaatc	ttagacagca	aactctttcg	ccaaacgact	gctgtgaatt	180
ttacctgatt	aacattcctg	acaccatctg	tgggtcatcc	tttccttgga	ccgttcagtg	240
gacagctttc	aagcagtgtc	tgttgtgagg	tcccatcttg	gccagaact	taccttcaga	300

<210> 1001
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1001						
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atgaaggtcg	agttcactgg	caggctaaca	aagctccttg	taatttgcc	ttatatgccc	120
tatgccttct	gctgtagtaa	tactttgatg	cttgtaattt	tcttgaactt	acgtcatttt	180
gtgtctctgc	ttttgtcagt	tctcctgact	cttagttttg	cctgactctg	tcttcataga	240
cttgtgtgta	ggcattatta	tctcctgtga	agtcttctct	gacagttact	tactccttcc	300

<210> 1002
 <211> 206
 <212> DNA
 <213> Homo sapiens

<400> 1002
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 gaatcttgca cgatccttca atcataagaa atcacatgtt agtgcagaag gtccagcgtg 120
 aaatcctcta agtggccaaa tctaggagtt cttctctggc ttgggttggt aaagcagtga 180
 tctgtgtcac ccccgaggcc atcact 206

<210> 1003
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1003
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 gctgtaatag cttttttgag gggaggtagg tgcttgataa agaacagtag gtgctgctta 120
 tcaacagatg aaaggagggt tctttttcag gcaaccatct catttgtgag tgaatggact 180
 ttctctttaa agtgcctgga ttgttagtgc catttttatt gtaaatatca aaattgttat 240
 tttttgtctt ctacctaaaga attctgtctc ttaggctttc tcttcccaga tttcccaaag 300

<210> 1004
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1004
 attacaggtg tggcgtgagc caccgtgccc ggccaagctc ctggccttct tattcacttg 60
 acagttttga gaatctttga tttcagggat gttgagagct gctcctgtca tctggagttg 120
 agtctcacc atgggctaca gtgtacacag gagtgggacc ttctgttctt gaacttaggc 180
 tgtggtgtga tcaccctttt ctctgcatcc acctgacagg ctgggacttg ggctatgctc 240
 tggacaaggc tggctggtgc aatgatgccc tctagaggat ggatcaggcc cagtcaccac 300

<210> 1005
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1005
 gtgaaaacac ctagaccaa gtcattctat tctgacatat tgtctttctt ggatatgact 60
 ttgaaagtaa gaattgggga attactggtt atacagattc tacatttttc ttcactaata 120
 gtgattccaa gaaagttag atctttccac atggaaaccg tcatgtaaga acagaaaaac 180
 tctaagggtt atctgctgtg ctgctcaact ggatccagac cagggtattct tattttaaaa 240
 gctatatttg atagatgtta tattctactc ttgcttcaaa acaaatact ttcgacacag 300

<210> 1006
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1006
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 gccttcagga tgacccttg gaactgtgcc gaggctccta aatctcagct gggatcctgg 180
 acctgggagg ccctgtgag ggccagctct ggaaaaacct gggagttgat gccggaggct 240
 gtggaagaac tctgctcgag ggaggggtgc cctggaacac tggtagttct ggggctggga 300

<210> 1007
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1007

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tctggaaaga	gcctacttcc	catagtgaac	cctgtgaggt	ccaattctgt	tcctcccctt	120
ggagctccaa	gagaaggtca	ttgtccttgt	agcagcaggt	gccccccaa	gctgggttct	180
cactgcaggt	gccagcgggc	tctcagtagg	tatgacctgg	atgtgagtg	tgagccagga	240
ttgaggcact	cagcaccttc	gaccacactt	cccactctcc	ctgggggttc	aaggcaggct	300

<210> 1008

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1008

aacacttaca	gcctatat	taacttctct	cctgggat	agaaagtatc	agcctaacat	60
tgatgtgcaa	gagtctatcc	atTTTTTgga	gtctgaattc	agtagaggaa	tttcagacaa	120
ttatactcta	gcccttataa	cttatgcatt	gtcatcagtg	gggagtccta	aagcgàagga	180
agctttgaat	atgctgactt	ggagagcaga	acaagaaggt	ggcatgcaat	tctgggtgtc	240
atcagagtcc	aaactttctg	actcctggca	gccacgctcc	ctggatattg	aagttgcagc	300

<210> 1009

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1009

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ggttctagt	gggaacaagg	cagatctctc	tccagagaga	gaggtaacagg	cagttgaagg	120
aaagaagctg	gcagagtcct	ggggtgcgac	atTTtatggag	tcatctgtct	gagagaatca	180
gctgactcaa	ggcatcttca	ccaaagtcac	ccaggagatt	gcccgtgtgg	agaattccta	240
tgggcaagag	cgtcgctgcc	atctcatgtg	agcccttggg	tgtggggtaa	ctgccttgct	300

<210> 1010

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1010

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tagtTTTTca	tctacaccag	ttatctcacc	tgtctccta	agtacaccag	ctaacagtaa	120
caccaacagt	aacagtagcc	ttataacaag	tcaggatgct	gtggaaaggg	ctcagcagat	180
gaagaaagac	ctgcttgata	agctagaaaa	attagctgaa	gaccttcccc	ctaataccct	240
ggatgaactt	atcgatgaac	ttgggtggccc	tgagaacgtt	gctgagatga	ctggccgcaa	300

<210> 1011

<211> 300

<212> DNA

<213> Homo sapiens

<220>

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<222> (1)...(300)

<223> n = A,T,C or G

<400> 1011

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taaaaataca	aaaattagcc	aggcgtgggt	gcgtgtgcct	gtagtcccag	ctacttgggg	120
aggctgaggc	aggagaatca	cttgaacccg	gaggcagagg	ttgcagttag	ctgagatctt	180
gccactgcac	tccagcctgg	gtgacagagc	aagactccat	ctcaaaaaaa	aaaanaanan	240
gganttacnt	nantttaatg	gntgnttggg	aggTTTTTg	caaacaaaaa	ntcctTTTTt	300

<210> 1012

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1012

cctctgcaaa	agtgaaaagg	caacgaaagg	caggagagga	gataatcaag	catggctggt	60
ccccctaag	tgtagagtag	gggagcttga	gctgagggtg	cagttggtgc	ccagatgctc	120
agctgccac	ctggcttggc	ctggcttcct	ccacagtcca	tacctacct	ccaggtgctt	180
caggtgccac	agccaccca	gtgggtgttt	gggctgaagt	agatcatgtc	atgtggatgg	240
gcctgtttac	gtgatgtgcc	atggaaggga	gtggcaggtg	ggcagcttgg	agtgaaaagc	300

<210> 1013

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1013

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atcattgtgg	agctaaacta	agcacagtgc	ctatagacca	gggtgctatg	aacaggcgga	120
aagagtgttg	acaatcagaa	attgtcaatg	gtaattgcaa	ataggaagac	gcaagggcag	180
aatggcagct	gcaagcactg	atttgcaatt	atgccacttt	cactgggaac	tctgagtact	240
ccaggtggg	tagctgctgc	agcttgcttt	cttctaata	ggattaatga	ttactttgag	300

<210> 1014

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1014

cagctgtgga	gctactggca	gtcttgatag	aacagcagtt	tctaggtagt	gaccagattg	60
cctggaatta	gtacagtcga	agcggcacgt	acaggacaag	aattcaagat	gcttgacagt	120
ggagacaag	ggcattagct	tgagggacag	ccagaataaa	tggaaacttc	attatccatg	180
gattatgcac	ttggaactta	ggtcctaggc	aactctgata	ttagtaattt	ggccagcagg	240
ctcattaagc	tcttaagaaa	agtgggccta	gttaatgaat	taacacaaga	tgacatttta	300

<210> 1015

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1015

gcgaaacacc	actgcaaggt	gaacagcctg	ggttactagc	agaaaaacat	cattcagtct	60
gtaaatattt	atgaagatct	gtgagaggca	ctacccttac	cctggagcta	acctgtgacc	120
cagagagcaa	gactcttgct	tttacagaac	acatattctt	gtggaatgag	aggggctatc	180
atcaagtaag	caaatcattc	catggagtgt	gttagtctat	tttccattg	ctttaaagaa	240
atgcctttta	ctgggttaact	tataaagaaa	agaggattaa	ttggcttatg	gctccacagg	300

<210> 1016

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1016

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tcctgggaag	accagccctt	ccaactacca	accggttcct	tttcccagtc	tgagccacag	120
gaagagccta	gcggggaatg	tcatgaatcg	acctccatcc	tgagctctcc	aggcctggga	180
caatggaaag	tggatagggg	gctgtcttcc	cagaaggaag	ctgggtcaga	ggttggtgcc	240
ccatgggctc	caccagagc	cccatggcag	tctccatcca	ttggtgccag	gacctgctgg	300

<210> 1017

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1017

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atcttgcagg	aaagtagatg	ctcttggtca	tttgagtaat	ccgaatcttg	ttatttccag	120
tcaactcagt	tggatttctg	ggatgagaat	tagaggagtc	ccattgaaaa	actggaatga	180
gagatgagaa	gtttgctgaa	aacagaacat	ttttttgtgt	gtggattgat	ttgcctcgta	240
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<210> 1018

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1018

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tttctctgcc	cagtaatgtt	gatgcagttt	gcataaata	ccttggaagt	aaggaggcag	180
gacagaaagc	caaatatcga	aatctctggc	cttgatttag	tgacagttaa	ttctaattggg	240
gaccataggt	gttattagta	aaaagatagt	gtacaaggcc	taagttcagt	ttacattgtt	300

<210> 1019

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1019

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ccataaaggt	cttcagagt	ccttgccct	agacctccct	tcattctttg	tagagatgga	180
atctaagaat	gaaacatctc	cactcagtc	tgcaaata	gaagttcttg	agataccttt	240
ttttggtaga	tacttgtgct	ggtattctga	gagtcacttt	actctgatgg	tttgcaagat	300

<210> 1020

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1020

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tacacctaca	acattacacc	gttcccagcc	acagttaaac	ccacctcagt	ttctggacga	180
catagtaagg	ccagagacag	tgatgaagag	aatgacccag	acgatgagga	tgctgtcgtt	240
aatgcagtg	ggtgtcttg	accttttagt	gggttccttg	ctcctgaact	gcagaagtac	300

<210> 1021

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1021

gagaatcatg	actgctggct	gaagcctgca	tctttgggta	aacagggcaa	ttaattccca	60
gagaacaagg	acatcatgga	tagttaaggc	aaccagatag	gtgcttatcc	tctaggtctc	120
catccaaaat	ggagtaatga	cacctacttt	cgtgttttaa	gat'ttaaacg	cagtaacata	180
tgtaaagtgc	agagtctgat	gttcgagtcc	acaacgatgt	aaataatgca	aaaccagtgg	240
attactcatg	cttaatttat	attttacttg	gaaatttatt	tcctttttct	tggttatctc	300

<210> 1022

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1022
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ttcttagtcc agcacagaca attctcaaac agattagcaa accaccctct tgaaattgca 120
agaattgtta ccatgtgatc aaggcatcat aattaatgca aaccctagtt tctagttggg 180
aaagagatta agatggagac tttgtagtaa aagatggaca tatattttat tcacatagct 240
tattttattt tgaatgaaag agccaagcaa actctagcct tggcctgttc ctgaggaggt 300

<210> 1023
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1023
cagaagcaca ggcaaggatc aatgccccggc ttcagcagta tcgtgccaaa gcagaactag 60
ctcgatctac cagaccccag gcctgggttc caagggaaaa attgccaga ccactcacca 120
gcagtgttc agctattcgt aaacttatgc ggaaagcaga actcatgggg atcagtacag 180
atatctttcc agtggacaat tcagatacta gttctagtgt ggatggaagg agaaaacata 240
agcaaccagc tctcactgca gattttgtga attattattt tgagagaaat atgcgcatga 300

<210> 1024
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1024
gcttagaaaa ttaacctttt tctattagtc tggtgcaaaa gtaattgcgg tttttttgcc 60
attaaaagta atggcataaa ccattacttc tattaataaa accctcaatt ttcattttca 120
tagcctttca gaatgggagt aagctttgca atcaacctgc tccttcatct tatctgtaca 180
cttgataaat ctgattcagt ggttggaaacg gaatctgctt ttctgtatt ggttacaagc 240
aagcactttg cctgggtgag tgtagctgca gtatagcata gaattaagac tacagtttca 300

<210> 1025
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1025
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aatatttata ccattctctc attaagtgac actgggtcca taaattttaa gacagcggtt 120
cacccatatac tatggttttg cattccatgg tttcagttac cacagtcagc ctctgtctga 180
aaatattaca tggaaaattc cagaaataaa caattcataa gttttaagtt gcatgccggt 240
ctgagtagct tgatgaaatc ttacaccatc cccctccatc caggctagta catgactcat 300

<210> 1026
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1026
gagcagagat ggccacagaa agccagagaa gctggacgag gcctccttgg caacaaaaga 60
gtgacttaac gcagttctaa tgtcctacat ttttatgtc ttatcctgca gttacaggat 120
aagtcaagat acacggtcta caaagaaatt ttgttctaatt tttataatag tagagatggg 180
gtctcactat gttgccagg ctggtcttga actccagggc tcaagcaatc cgctgccta 240
ggcctcccta agtgctggat tacaggcatg agccactgaa cctggctgta caaagaaatt 300

<210> 1027
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1027
cagatatcag ggaccgggac taggtgtgat ggctcagctc cccactaccc agacctgggt 60
gagattttaa aatgtattgc tcaaacattt atatggtgtt tactatgtgc cctgcactac 120
tctgttttat aaatgttact taatccctat gatagcgcta taaggctatt actataatta 180
tccccagttt tacagaggag gaaactgagg catggagaga ttaagtcatt tgtcaaaaat 240
cagatctggg aatcctgcct ctgggggtcca tgctttaaac caccatacca tggtccttg 300

<210> 1028
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1028
aaaccatcca agcagttttt attcattaat attcataaat acacacagca gcttcattag 60
agatttcaat tttcctcttc agtttgaatg tggagtatta ggagagcctt ttgcatgtca 120
aggtaçagga agcagagatc acccctgcac tgctacctac atttacctgc tagaagtaaa 180
aattagttaa gtggaaatga ttatcatata tattttctct cttccttttg aatgtacaca 240
atgtaacaag agtgacagac ctgaaattac aatcaccaaa caaaccçaag atagttgttg 300

<210> 1029
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1029
gaaaatatag gcctttattg tctttaacat tgaagtaact ttgtagtttt attcaattat 60
gagccagcag atccttagtt taggccctta tattgcatac ctaattagaa ctttcccaa 120
agttcaactg catgacçtta atgtattgga gcacgtçtta cagggtggact taaaactçta 180
gaatttctct agtcgttggt attttccact gaaggtçttt cçactgtaca gcatttcagg 240
catcatcact atgattçttt tttcttgact gttgçttggt ttccçactgc tçttttccçc 300

<210> 1030
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1030
tacaagttgg attactatga tgtgtçtcaa gaagttttgg ctgçttacçt tcagcaaatt 60
cctgatagta ccatçgcact caatçttaaa gcctgtaacc attttçgcct ttacaatggc 120
agagcagctg aggtattgat ggaagtgtgt ttttaatgta çttcattcca atttgaatta 180
çtttataçtt tccaagttat tcatgaaact ctgçttatçtg taactçttga ttaatatccç 240
tttatcattg cçactgtgat tçtataagaa cçtaattata tgçttatcag gtattçtaaa 300

<210> 1031
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1031
aagaggçtg çtcacçtact gctgcccacc ctgggçtgçg cagcaagagg tçtgçtcagç 60
ccagggtggg tggggçgcac acçtgççtt gtgcatgcaa atçtgataca cçtgggçgcat 120
cçtçtgçgaga gcacaacgca tggaaaggçt tgggaagçtç gtgtagçcat tççttçtgca 180
gtcatcçtac ccaagtaaaa gtaacçttgg çtatgçttacc accgçttttg tçacçcagga 240
ggacatçtta gcaagggtgç ctgçgagggga gtgçgggact gggçcçcatc çtcgçcggçg 300

<210> 1032
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1032

atctagtga	ggcaaagctc	atttggctat	agagtaaag	taagactgt	tacaacagaa	60
atttaagtgg	ccagttcaat	gtcctttggc	tatatattgac	ctacctttaa	aacctagccc	120
atttcataac	agcctcttct	gtgcctgggc	ttgaaatgtc	taaagctgcc	ttcgtgtctg	180
ggattacacc	atgtaggtca	gtataaagag	ggcagtcact	cctccatttc	tcccagcgtg	240
tccagttcag	cagatttcta	aagctgttaa	gcagcctctc	tttttgaccg	tcctaaactt	300

<210> 1033

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1033

tttaaagtct	tccccatcat	atcactgac	tcaaaagcta	gatttgtctt	catttttagtc	60
gtatccctaa	aaccatgcat	tggtctggac	aggagttgtc	ccatattccc	ttgcagactg	120
gtcactccat	gttctctgtt	acagtaagga	ccagccaagc	ttcagctgtc	ccattccctcc	180
ccctacaaca	cacacacctt	tcaggcaggg	aggagatgag	cttccagccc	caagagtgga	240
ggctgccaca	tcctaacata	gtatctattg	aaaaggaagc	agtgtgtatc	tatgattata	300

<210> 1034

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1034

gtgaggaacg	cctagaagtg	tgcttggttt	cagcctctta	tcattctgccg	gcctgcaccc	60
tggtcagagg	atcagattct	ttcaagaggc	agtttctttc	attcagcctt	ttacttgagt	120
gaagcaggct	tggtgggcat	cagtgaatat	catgctaaga	gttccgtagt	tcaaggagac	180
ctagaataag	ggggaaagca	ctttgtgaat	tgcccaagtt	attgcctagg	gatatgcata	240
ttgggagccc	tgaggagtgg	ccaaggcacc	acagaacaga	gactcacact	cagtacctga	300

<210> 1035

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1035

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tttacgaaa	acagagcgta	tttgtgaagg	cttgtgatgc	attatagcta	ttgccattcc	120
ccaaaagcaa	aaacaaagtt	gcttttaggt	tggttctgtg	catttctgtt	gggtactaac	180
aaagaaatca	cctgttaagc	ctgataatga	ctgtttgcaa	aatttattat	aagagaaaag	240
gcaggggtatt	gagggttgct	tttagaagtc	tgatcatgata	tgaacacaga	ccccagaaac	300

<210> 1036

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1036

aacgcttcaa	ttgttttgta	gaaattttta	taggaacttc	aagaagtaaa	cctttataac	60
attgtaaatt	cttacgtaca	gcatacaaaa	agacaaggaa	tactgtcata	tccttttagc	120
aaaatgatat	tgcttaggtt	cttggttcaa	aataccacat	aatgaaatcc	ttcctgttgc	180
atgattaact	gggtgagaat	atcatctttc	cttttggtcc	gtagaaatgt	attattcact	240
actccattct	tgaggtttgt	tttttaattt	ttttggagac	agtctcactc	tggtgcccag	300

<210> 1037

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1037

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tatcttttcta	ccctgctgta	ccatcttttag	ctttttatct	ttttattctc	atgcttttgt	120
ttcttcatga	tgttaggatg	gctgccataa	ctccagggtg	tacaccaatc	ctctaaacaa	180
gaaacaaggg	ggtgagacaa	aacactctga	gaagggtttc	tggaacaaa	agacctccaa	240
gctgactttg	cttcataact	cattggctca	aactgagcta	tatgcccata	cttagagcaa	300

<210> 1038

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1038

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tagattctgt	tgttacgtgc	aacactgtat	atctctccat	agcacttaat	cagagtttgt	120
aattaggcat	ctttttgtgt	gattatttgg	taaagtgtcc	tatcccctac	tagcctataa	180
gtcccatgac	ttctaggtac	cctgtctgac	tacgtgtatc	actgttttcta	ccgcctaaca	240
ttgcctagca	cattcattgc	ttcacaggca	tctgaatatg	gttttataaa	atacattgct	300

<210> 1039

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1039

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cccagagtgc	tgggattaca	ggtgtaaact	actgctcctg	gcctggaatc	catttttaat	120
gggaagcaca	atttcatagt	taatagttgg	gggcaggagc	ttaagttata	attgcagctc	180
cactaattct	tagaatgaat	atagattgaa	gtcttgggtt	ttttggcatg	atttgtgaga	240
tgaaattatg	tgatagcaga	aggaaggcct	cctgcacttc	atgtttacag	tagagtctta	300

<210> 1040

<211> 134

<212> DNA

<213> Homo sapiens

<400> 1040

gtaaaagtca	ctctgaggaa	ggccagaaca	gtgcagtggc	tgctgggttt	gatgaaccgt	60
actctcaga	gcatctaggc	ccgtgggttt	tcagctggag	ctcatctgag	cccctgtggg	120
gggctgttta	ggac					134

<210> 1041

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1041

gtggaatcag	aggtttctgg	ctgactcggg	gggtgctttg	aaccaggaaa	ggacaagaaa	60
gaggtgagtt	gcacttgcca	gttatagtac	agctgcctgc	ctgtggctct	tcttgctttg	120
aggtttgctc	cttcttcagt	gcaacccttt	gccagacat	ccctaagcc	cccagctcag	180
agcagcagtt	ggcaggcagg	agctttgcag	ttagccatcg	gagagcccca	cagacagggg	240
ttaataagta	caaacagtca	tcacaattaa	ttcaggccag	gctgtgtgct	cctggctttt	300

<210> 1042

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1042

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attgggaatc	atggtattct	cagagctttg	gtttacattt	ttccttgaga	gaagaacagt	120
ggcaagaaga	ctgggcattt	atactctctc	ttgctagtca	gcctggagca	agcttgagac	180
agacgcacat	ttttgtactg	gcacatattc	ttagacgacc	aattatagtt	tatggagtaa	240

aatattacaa gagtttccgg ggagaaactt taggatatac tcggtttcaa ggtgtttatc 300

<210> 1043
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1043
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 gtgtcctcag tccccacccc ccacctaaaa agcaggtccc attcagccca gccagctcat 120
 ccctgcagtt ccatccagga cctacaggtg tcgccctccg catggcgagg cccggaaggg 180
 cagctggctg caggaggcag aggagtctgg accgcctaac ctgagcatgt ggaaataata 240
 tatgtcttca agtgaactgt ctggtcctgg agaaataaaa taggacattc ataagcagtt 300

<210> 1044
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1044
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 gataaccac agttaccccg cctttatctg agtggagtat ttttctttat catgatgtac 180
 acaggttcca atgtgcttcc tgttgctcga tttttgaaat acacacatac caaacaggct 240
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<210> 1045
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1045
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 gttgctaata gattgttggg tgcaagtatg aaggacagag gaggtgaagag agggaggcaac 180
 ttgctaattgc aaaagcagtg tactgaaagt cacttttatt tcttatttat aatctacatg 240
 cacactctgg ataatagatg acactgctca ttcagtactt taacttcaaa gcagagagaa 300

<210> 1046
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1046
 gactgacaga ggtgccaaaca tggcattctg tttttgaaaa gttacatgac actattaagt 60
 attgaaaatg ttctaactag aaaaacgatt ttcttaatca tagtttttat tgtgggggtg 120
 gtatgtaagt tttaacgtgc aaattaacat atagaagtca ctttgtgagg tttcatttaa 180
 atgtatttct cagattttgc tgaatctgta atagccattg aaatatttaa gtaccttggc 240
 tgttcctggc atcaataaac agatttttct ttcctcctc atgccataca aaagttgaca 300

<210> 1047
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1047
 cactctttta tattaggac ttgagcatct ggagagtgtg gtatctgagg gagttcctgg 60
 aactaatgtg cagatgccaa gggacaactg tactattgta cttggaagta ctcattgggt 120
 catattgcat tgtttctttg agtcctaatt ctgccaatat ggcctgggtc ttgcattaat 180
 cagctttcta atctctgagt aacaaggcac agtaacaagg agcagtaaca aggcacaagg 240
 cttggcacct gagagtggag gtaccagga ggcagacacc ataaggcggg aaatggacat 300

<210> 1048
 <211> 229
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(229)
 <223> n = A,T,C or G

<400> 1048	
ccctcacact ctgccaggct gccgggagct tgggccagggt ctaaggtaat gaggtgctcc	60
tctatcctgc tggaaaaacc ggacagactc agaaccacaa aggcagggtgc tgccagcctg	120
gcgccttctc ctctgcttag gctggaatga gcttgtagag gcctgtgcct caccctttct	180
ntcttctagg ctcanngnat gcttaancng ggcnnngtnc acggcacct	229

<210> 1049
 <211> 272
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(272)
 <223> n = A,T,C or G

<400> 1049	
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agcagtcttg caaggaagca gggcagagac acagcccatg gccctcact gccctgctgg	120
aagggctgat ggagctcccc gcagcatggt tcctgcctgg gtgacagagg ctctgtggc	180
cacttttagaa gtgcggttta ctctcatgc nganattgga cnttgggcat ntcagttctn	240
nnagatgttg gtttggcgnt atntcttttn tt	272

<210> 1050
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1050	
ctgggtgacc cgaacacctt cctcatcacc acccatcact ccacctgctt cggagaccaa	60
gatcatgtct ccgagaaaag cccttattcc tgtgagccag aagtcatccc aagcagaggc	120
ttgctctgag tctagaaata gagtaaagag gaggctagac tcaagctgtc tggagagtgt	180
gaaacaaaag tgtgtgaaga gttgtaactg tgtgactgag cttgatggcc aagttgaaa	240
tcttcatttg gatctgtgct gccttgctgg taaccaggaa gaccttagta aggactctct	300

<210> 1051
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1051	
atccttccca ctttgtatcg acaaccgggt tgggtccggc gtctgagttc ttggtgtccg	60
agtgcactcg aggcacaact agggtttggg gttccggata tcgcctaggc ccaacatcgg	120
accgcgctct cgatttctgc cgcgtccgc ctctaggagc cggagtccgt gtgcggttcc	180
gtgaggctgg agggtagatc ttaaggatca acaaacagta ataagtactg aatgtacaag	240
tcttcagttt gtcagccctt ttgcttttga ggcaatgcag aaggtggatg ttgtttgcct	300

<210> 1052
 <211> 300
 <212> DNA

<213> Homo sapiens

<400> 1052

attagtgata	agtatatatg	gacatctaag	ggaacaaaga	aactaacaaa	agacaagaat	60
tttcaagaag	gaaaacaaag	aaaaaaaggt	aatcagggta	tgttacatag	tttagctgct	120
tatagttttt	ctttggttct	gctcatggaa	acacaatgac	tatcaatcta	agtaagacta	180
taatatatta	gaaggatggg	tgatgagaag	tgtgaagtgt	tgcaaaggta	aatccttatc	240
ttccgctatg	aagtatcaat	aagcaatgcc	caaaaaaatg	aactattaag	aagtaactgt	300

<210> 1053

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1053

acatctccaa	gcagggactt	agtagttata	ggtgggtcct	aaggattctc	cagtcagttc	60
ttaaactgct	ggcaccgaag	cctccagtgc	ctttctcctc	tatatcccat	agagagttac	120
tgaagtagtt	ctttttggat	ttcagttggc	cttttagtag	agcctttctc	ctaaaggatt	180
aaaacgtgag	actgcgggct	tgagccaaaa	agcagtcaga	gggacaaata	ctgggtttta	240
cttagaataa	cccacctgcc	tagtgccagc	ctaccactct	tgaacaaaac	ttgtatgatt	300

<210> 1054

<211> 271

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(271)

<223> n = A,T,C or G

<400> 1054

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actaaaaata	caaaaattag	ctgggtgtgg	tggcgggtgc	ttgtaatccc	agttactcag	120
gaggctgagg	ctgcattatc	gctttaacct	ggggggcgga	ggttgccagt	agcctngatg	180
ggggcaataa	nagcnaaact	ttggctcaaa	aannanaaaa	taaatanncn	atanaatatg	240
cnaagcccct	tntcttcnng	nnnctctcgg	g			271

<210> 1055

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1055

gacacccagt	ttaagggaca	ttctgtacgg	tgccctgaatg	gcgctcctga	aaactgtgca	60
ggctctcaag	gctgaggaaa	gcgtaaactg	tcccagacca	gggaggccaa	ggaggcgcca	120
tgactcaatg	tcatgtgggt	ccctggatgg	gatccaggga	cgggaaaagg	acacttggga	180
aaaactgggt	aagttcacgc	aaagtgtccg	ggtttagttca	gcatacagaag	accaatgatg	240
gtttcttggg	tgtgacgaaa	atgttccatg	gtctgaaagg	tgtcaacacc	aagggaagct	300

<210> 1056

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1056

gctacgtggg	aggctgaggc	aggagaatct	cttgaacctc	ggaggcagag	gttgccagtga	60
gccaaagattg	tgccagcctg	ggcgacaggg	tgaggctctt	gtctcaaaaa	aaaagtccac	120
atcttcatga	accctcagac	tctggagttg	ggtgtcggct	tttttagcca	gcttttggtc	180
cgtttagtga	gaacctatta	aagaaggaaa	gtgggtaatg	gagtcaccagc	cactcaagag	240
actggatatc	ccccgagaat	ggcttgggtt	accagctatg	gacccttgga	agatgaatct	300

<210> 1057
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1057
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 gtcaccacgc ccagctaatt ttttgtattt ttagtagaga cggggtttca ccgtgttagc 120
 caggatggtc tcgatctcct gaccttgaat cacaagagtc ttaacagggg atgtttcagg 180
 aaacaaatag gataagacaa tgccagagga aggatagaaa catgggaagt ttctatcatt 240
 tcattttctg cgtttccagc atgcccttgg aaaagactcc cttagtccc tttttcaatt 300

<210> 1058
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1058
 gagaaccccc tcaacccctt cctcctccct ctggggatga agtgggagta tttggctccc 60
 catttttgac aaaagggctc agtgcagggg ggtggaggcc tctgagggtt gaagggctct 120
 gtgagttaga gttgtcacat gttctcctgg ttcttgaatt tgcagcaggt cctgaaaagg 180
 aaggctctgc tggcccgctg ccttctctgac cttctctctc cttccctccc ctctcttttc 240
 ttgccaaagt tgctttgggt tctgagcagc ccagagagga ggagggttcg tccccagggg 300

<210> 1059
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1059
 ctgaaattga agatgttggt tctgatgagg aagaagaaaa gaaggatggt gacaagaaaa 60
 agaagaaaaa gaagcaatat ataaagaacg ttggccagat tatgtaaggg aactgcgaag 120
 aaggtattct gcaagtactg tagatgttat agaaatgatg gaggatgata aagttgatct 180
 gaatttgatt gttgccctca tccgatacat tgttttggaa gaagaggatg gtgcgatact 240
 ggtctttctg ccaggctggg acaatatcag cactttâcat gatctcttga tgtcacaagt 300

<210> 1060
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1060
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 tggaaggctt cctctttgaa gctgatttgg gaaggaagcc accagctatc ccaataaggg 120
 ttctctaatt gccaacatga ttctaggaat tatcattttg aagaaaagat acagtatatt 180
 caaatatacc tccattgccc tgggtgtctgt ggggatattt atttgcactt ttatgtcagc 240
 aaagcagggt acttcccagt ccagcttgag tgagaatgat ggattccagg catttgtgtg 300

<210> 1061
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1061
 cctgtgtcca gcgtcctcgg ttcaggggaa atgttttggg gttcatgagt agtatgtccc 60
 ccagtgcgcc attgtgtggg cgtcctcatg gggatccat tcttctagga agatcctggg 120
 gctgtttcca gttcgaagcc attattaata aagctgcaag gaagaaatat ttttatggat 180
 gtgtgttttt atatctctga taaatatatt caactggaat cattgggtgt attgggccat 240
 tctcccattg ccaaaaagaa atacctggcc aggcgcagtg gctcacacct gcaatctcag 300

<210> 1062
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1062
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 aaattggatc aagaatatag gtgtaggcgt tagccatttt atcctgggag aagggaggaa 120
 atgaaataaa aacaggaata gatagacgtt ttgaggcgaa aggaatgaat ccagcatgct 180
 ctgttttagtg atgtagatga gatcacctgg gaaggcatga atgggcgggc tgagtggggt 240
 agtgacttca gaacagtaat aagggttgaa aagcactgct gtgtgagggg gaaggaatgt 300

<210> 1063
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1063
 atccgcctcc cgggttcatg gcattctcct gcctcagcct ccagagcaac tgggacaaca 60
 ggcgcccgtc accacgcccc gctaattttt tgtattttta gtagagacgg ggtttcaccg 120
 tgtagccag gatggtctcg atctcctgac cttgaatcac aagagtctta acaggggaatg 180
 tttcaggaaa caaataggat aagacaatgc cagaggaagg atagaaacat gggaagtttc 240
 tatcatttca ttttctgcgt ttccagcatg cccttggaag agactccctt tagtcccttt 300

<210> 1064
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1064
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 tcaattcagt tgccaaatag agcagtgggc aatgttaacg gaaacaactg caattggcgc 120
 agtatggagt gcctatcgca ctaggaaatc tgagggtcac aaaagaaagg agatgtgagg 180
 ataagaaact ttgtttttcc cttgttgagg actctttagg cctcggtttc tggtgacagc 240
 cccaggggatc atcaggcccc gaggaatgt gactattggg gtggagcttc tggaacactg 300

<210> 1065
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1065
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 ttctgcagat cataccccta gccaggagc ctcccgcaga cttcagagcc tgctgtcctc 120
 accagcgccc ccacatggcc ggtctgagag caagtggaga gtcacagtca cagtcacagt 180
 gcccacgccc tcacactggc cctgacgggt ccccagggga caccatataa ccttagtcat 240
 gtctcattgc ccggaggaat cttccccag ataggaataa ccttgtaaaa aagatttgtg 300

<210> 1066
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1066
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 gctaaaggaa catctgggca atcctacttg tgtactcatt ggattcattc agtgaccttg 120
 ttattatcct tctagctaaa tgctctgggt cttaattcac gactccaagg ttgctcttga 180
 ttttaaggaa cattttggca gaatagagag aagttgagca aatattaaca gatgtccaaa 240
 ggggcagtgt gattttattat gtcaagagaa tcagttttat gtcgagggaa gaattttggt 300

<210> 1067

<211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1067
 aagaaaccag tagctagctg ctatttatat ggtgaggggg tgctgcctgg taacagaata 60
 gctccacacc acagcttgag attttgttta gtttcactgt gtgagctttc ataaagtctg 120
 ttgccattcc atctctgtgt taacacttca ttttttatg aaattcagat aatttgtgag 180
 aggctggcat ggatctaagg atttattatt tttattctag tccatcagtt cagtcgcagt 240
 ttttatacta ggacttttagg atgtacataa atgtgtgact gtttgtcttg attaaaagtg 300

<210> 1068
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1068
 aaaacatcag ggaagctggt tgatagcagt gatgatgacg aatctgattc tgaagatgac 60
 agtaataggt tcaaaattaa acctcagttt gagggcagag ctggacagaa ggtagtgaa 120
 gactgaaaat aattagactt gcagcatgtc cttatttttt gacatagtcc ttaaatctgg 180
 gtaaattgcag gcagacctta acctacatta tagcatcggg gtgtttattt ggagagtggag 240
 tcttctgtga tcctctctga ttgggtcata agtagatgga ggtaggcaaa catcttaatg 300

<210> 1069
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1069
 ctcttatatt cctgtcctgt agtggcctta agaaatgttc acatttgcaa gctgcaccag 60
 acaccatcag atctggttct ctccctgggg cccaaggatg ctcttctttt tcatctttta 120
 ttttgatcat ggaggtgttt tcacagagtt tatccccagt agtaaattac attccaattc 180
 tgtgagtcag aacaacgttt taacatgcac accaacgtcc gggttgctgt tttgctacca 240
 gttttgcctg ggggtgcagggt atttttggag atgggtctaa aacatctcaa aaccacatga 300

<210> 1070
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1070
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 ccctgaaggc ttgcccacct gtcagtatgg atgtctgtgc tttaagaata cagcttttca 120
 taggcttgaa agccatctgt cactttaaaa accacatcat acttttgact aaagcagaac 180
 ctgaagccat tccagagaga agacagtcac ccaagaggct tctgtaagca tccccttgcc 240
 ccaggcattc ctgccagttt ctggaatgag ttgtaactgg tatattttgt gtttatcttt 300

<210> 1071
 <211> 198
 <212> DNA
 <213> Homo sapiens

<400> 1071
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 gaatgttagg tctgtttttg ttgtctctg cctatgtctc ttgacttgca gtttcttttg 120
 tttcaaata ctctgccctc gtatatactt tggtagact acttttggtg aagcactctc 180
 caatagaaga acataatg 198

<210> 1072
 <211> 300
 <212> DNA

<213> Homo sapiens

<400> 1072

gccttttgtg	gggtctcata	cataactcag	tttccacaaa	gctgtgcccc	agctcagccc	60
tatggataga	agcatggctt	gggttccctt	tgctgaccag	ggtgtgtgct	ttgtccaagt	120
tactgacctt	cccaaacctc	atcaatgcac	ataaaaagag	cacttgcaaa	caatgaatct	180
agacatggac	cttcacaaa	aaataactca	aaatggatcc	caggcctaaa	tgaaaaatga	240
aaaactataa	aactcctaga	agataacata	aaagaagatc	tagatgacct	agggtttggc	300

<210> 1073

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1073

ccagaactgg	agcgctctca	gtaccccatg	gagtggggca	agacttttct	ggcctttctt	60
tatgcacttt	cctgtttcgt	tctcaccaca	gtgatgatct	cggtcgtcca	cgaacgagta	120
cctcctaagg	aggtgcagcc	tccactaccg	gacacatttt	ttgaccattt	taaccgggtg	180
cagtgggctt	tttctatttg	tgaaattaat	ggcatgatcc	ttgtaggact	ctggttaatt	240
cagtggctgc	tcttaaaata	caacatgccc	agggattgtc	tatttccttc	ctctcaacaa	300

<210> 1074

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1074

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aaagatacca	tctgtgaact	gtgtggggag	tcacatccat	acccgggtgac	ctatcacatg	120
agacaagctc	acccaggttg	tggccgatat	gctggtggac	aaggttacaa	tagcattggg	180
catttttgtg	gaggatgggc	tggttaactgt	ggtgatgggt	gcataggagg	aagcacttgg	240
tatctggtat	gtgatcgctg	tagagaaaaa	tacctccgcg	aaaaacaggc	tgctgcaagg	300

<210> 1075

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1075

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attgtaactt	tataggctcc	cctattcttt	ttgctttttt	ttccccctga	aattactgag	120
caacaagatt	cctgttctct	ccccttcaag	gctttgtttt	ctggaacttg	acattctcaa	180
atcattgcca	gttattttta	gtacgtgatt	agtctccctt	cctcagggtat	gttttcccca	240
atttggttgg	aatctactgt	ttgcatcttg	tttcccatcc	caccttcata	cagattgtat	300

<210> 1076

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1076

tgctaattca	gccctaaacc	ccatcctcta	caacatgaca	ctgtgcagga	atgagtggaa	60
gaaaattttt	tgctgcttct	ggttcccaga	aaagggagcc	attttaacag	acacatctgt	120
caaaagaaat	gacttgtcga	ttatttctgg	ctaatttttc	tttatagccg	agtttctcac	180
acctggcgag	ctgtggcatg	cttttaaaaa	gagttcattt	ccagtaccct	ccatcagtgc	240
acctgtcttt	aagaaaatga	acctatgcaa	atagacatcc	acagcgtcgg	taaattaagg	300

<210> 1077

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1077
taagtgggct aagaccagaa gagagactta ttcgcttaag tagaaacatg tgccttttat 60
taactgcagt cctgcatttt atccatggaa tgacagaccc tgtattaatg tctctcagtg 120
cctctcatgt gtcattcttt cgtagacatt ttctgtgtct gtttgtctct gcttgccctgt 180
ttattcttcc tgtcttactc agttatgttc tttggcatca ctatgacta aatacatggg 240
tgtttgcagt tacagcattt tgtgtggaac tgtgcttaaa agtaattgtt tctctcactg 300

<210> 1078
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1078
gtcagatgtt tctggggacg ttgagctgca gtgaagtgag aggggcagag ggggcttttg 60
aagtcacaag gtcagggaga ggagaagaag cgtgctggat gaggcacact gtaggactca 120
agccagtagg ttcttgtagg cccggctact gacctggagc caggcactga tagcaacgtg 180
tcctctgagg gaaggcaaat gggaaatcca agcaggcact gggatctgcc tgtgacactc 240
ttgtggggcc tgggtccctcg acctaagtga gcttggggcca ctgagagcca cccaggtgc 300

<210> 1079
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1079
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agccatatca ttagtgacct tcggcagaaa gaaaagaata aagcgttggc ttctgatttt 120
cctcacattt ctgcttgtag acatgagaca ggcaaagtga cactggggac caccatgttc 180
acgtgacatc aagaggaagc ggaaaccagt ggccacagca tctttgtcta gccccagtgc 240
aggtggtaga aggacagccc ccctgccctg agacaacact cggaggcctg tattccagcg 300

<210> 1080
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1080
atagttttat gggttctgag ttggtgacca gtaagttgca tgtagtgtct gcacttactt 60
aataactatt catgatattg ttaataactt gttataggat tgtattccca attacagtct 120
ctaagattgt aattgatatt atctgagagg tagtgtgaca actttctttt gttgttacat 180
taagccgaaa acataatact aatagacaac taacagtttg cttatcaggc acatcaacta 240
aggcacctcc ccccatgcta agtttctcct ggatataatg aagttgattg tttcccagtt 300

<210> 1081
<211> 241
<212> DNA
<213> Homo sapiens

<400> 1081
ctttgcagcc ttttctgcc cttaaatttg ataccttttg ttagtagct gcataagtaa 60
cagttgctgc ttttacgttt ccacgcgtga tcttgacct gtagcctga agtgtatggt 120
ttctcttagc cagttctaatt ttttggtcag gtggaagatg gatgcctgaa gtgtagactg 180
ctgctagctg aataccatct gggagcataa aggtgacctg aaggtagggt gatatgtcct 240
a 241

<210> 1082
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1082
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tcttgattgg ggttgggatg ggtgggggca tccccgtgg cctcagcaat ccagccctgc 120
gcatctgggt cccattacac agacgtagac attgaggtct agttagaagg acttgccagg 180
agtcctgtaa tagagcttgg cacttgggtc tcttgactct cagggactgg gtgtgagggg 240
agtgggctcc ttttgtctcc tacctgcagt gcctttgagg ggatgagggg cttccatcag 300

<210> 1083
<211> 240
<212> DNA
<213> Homo sapiens

<400> 1083
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catggacgtg cgggtcccggg tggattctaa gacctgacc cgtaacacga ggatcattgc 180
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<210> 1084
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1084
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ataaaaaaga caaagacagt ggtaggatca gctattatgt cagtacatga aaggaacccc 180
ctatctcaat caaaatggta aaggaagctt gtctcaaata acagcagaga aactcagttt 240
accagactat aaaagttctt tgggtcaagaa gataaagagc tctccagaat aagaatacct 300

<210> 1085
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1085
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ttcgcgagcg gctgctgagc gtgcagcagg atttcacctc cgggctgaag actttaagtg 120
acaagtcaag agaagcaaaa gtgaaaagca aaccaggac tgttccattt ttgccaaagt 180
actctgctgg attagaatta cttagcaggt atgaggatac atgggctgca cttcacagaa 240
gagccaaaaga ctgtgcaagt gctggagagc tgggtggatg cgaggtggtc atgctttctg 300

<210> 1086
<211> 208
<212> DNA
<213> Homo sapiens

<400> 1086
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tccagttata tgctaccctg tacaggttga taggttgcaa atgctttctg tccagtgtat 120
cgctttgtag ctactaagc agttttgtat ccaactttgt gcttttattt cagtgttttt 180
ctttttcttt ctttcttttt tttttttt 208

<210> 1087
<211> 205
<212> DNA
<213> Homo sapiens

<400> 1087
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ctaagacgat aagaatatca gtttaagttc tgttacagtt gttttcatga agcttgtaa 120

attgatattt	aagtggacaa	agtgggaagt	agtcagtttt	cagggctaca	ggggtcatca	180
ctttgtgctc	agagtacagc	tgga				205

<210> 1088
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1088						
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ccagggcacc	caaacctccc	ttccctttcg	tgctgaagg	agtgaggagt	gaattaagga	180
agagagcaag	tgagtgtgtg	tccttgagg	gggtgggagc	cctctggtgt	taccacctcg	240
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<210> 1089
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1089						
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agaagccagg	ccaagcctgg	ataattgcag	ctggatgacc	ctggccccga	agtcacagtt	180
cagttgcctt	attcctagtt	caggcttact	atctagaacc	tcatgctagc	ttaggttgca	240
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<210> 1090
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1090						
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aactaggtcc	aacaagtata	aagaggacta	gtctcaaact	attaaatata	tgatttacct	180
agcaaaagct	ttaagtcaca	gctgaattac	actggggaaa	caattacaga	ctttacaatg	240
gaaagaagca	tcttcaatgt	tggtctgcaat	cactgacagc	aggaatactc	acttttgaaa	300

<210> 1091
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1091						
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caccagctgc	ttttagtcca	cagcctctga	catgcgattt	gaagacacgt	tttatggagc	180
agacattatc	caaggggaga	gaaagagaca	aagagtgtgt	agctccaggt	ttaagaatga	240
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<210> 1092
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1092						
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aatgttacaa	taagaaccca	ctattaaccc	ccaagaatct	gtcttgtag	ggagataaat	120
agttatcata	catgcgataa	gtcccacacc	agcacatgaa	aagattagaa	gaacaagaga	180
aggaagaaa	cctactgacc	tgtttcagg	tggtatgctt	cataaagagg	ataacagtta	240

agccactaac agtaatgcct ctaatcttga atctgttacc tactagtttt gtgtccctgg 300

<210> 1093
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1093
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aagccaagtc ctaacagctg cagcgggcat tgattggaac actgactcct aaaaatttta 120
tgcgtatatt ctctcattta tttccataga aggtgaggtt aaattactcg ctgaagttcg 180
cacatttagt aaatggagat ctgggatgca aatccgctat gcctgaccgt aaagcctagt 240
tttacccttt acattttgcc tattcagctc tctctactcc ttgggtttgc tgataaagag 300

<210> 1094
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1094
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tgaggagtgt tgtccgtggg ccctcaggtg ccgctgtgac ctcttccccc tagaagctga 120
cacactgagt cctcttagcg ctctcctgtg atggggaagc cgggagagaa tgggccctga 180
aaatcagaac tagaacatag aatcctctct atcttcttca acagaaccgc caaagctatc 240
aagaaaatgc atcccacat attgcacatc tgaaaattgt ctttcttgct ttctgatagt 300

<210> 1095
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1095
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ccgtaagttc ccgttttgtg tgtggtgagt ggaaactcca tgttcttcgt tggagacctc 120
tggctctccc ttcccttctt tgtgccgtcg tctctgcggc cagccctaatt ctccttctcg 180
tggcttctcc gtctctgacc ccaaataggc cttaaggcg tgggagaaat gagtttctgg 240
agctggaaaa gccactgcct tctgcacggg cctgagaagc ccttggctgg tgtaaagat 300

<210> 1096
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1096
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agattgtatg tctcctatgt tttcctttca tgccaaagaa actcaccctt tttaaaagcc 120
agcaggttgc acaaaccaaa aacaaaatat tttgccctt aaataggcat tttagaagt 180
tttatttctt ggtacttaaa tattgtgtag agggaaagct agttgtaata atttgtaaaa 240
atgcgtgtat ttttaggaat gcgctatttc cagtaaggga agtattgaca tttttaagga 300

<210> 1097
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1097
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tggatctaca aagagaagtt ctgcattata gccagaaagc ccaggaaaaa ttgcttgtag 180
agagacaaac agcattgcag cagcagatac agaacatga agagactttg aaggatttct 240
ttaaagacag tcagataagt aagcccacag ttgaaaatga tttaaaaacc cagaagatgg 300

<210> 1098
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1098
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 ataatacagt ttcatacaga attaccttaa aagggagtct tatgttttca actacagata 120
 gttgtaaggg atcatacaga agatattgat gatagttgaa atattcttag aaggggtgtg 180
 tatgtctagc tgtgtctacc atgtgtatgt attcttgaca agcagtataa aatacctgtg 240
 atttttcttt acattaggga taatgcataa ggaattaatc ttcatatata ttatcatccc 300

<210> 1099
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1099
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 ccagtctcat ttctccttaa atctattcac caaacacca ccagtttccc ctaccacaaa 180
 cacacacata agtacacact cacctatttt cactttctct tccacttcca cttttgtgtt 240
 gaacctgatt aaactctgat acttttaact ccaaaatatg ctatgctctt attaacaact 300

<210> 1100
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1100
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 gattgtatgc tgtctgtaga atgttgattt tcaggcacgg ggatgtagct gtagaatgtg 120
 gcttgttcat tcttctgat aagaaattga tctcctgaat ggattggcca tttggtaatt 180
 tcttagtgaa aggctgactc ttgaatatgg ctgttataat ataaattctt accaacataa 240
 agtaagggct tatttggggc ttggtaaaac tgtcatgcct tgaagtatat atagcttata 300

<210> 1101
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1101
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 taatcttgcg tcttgttcat ctgttggtat tcattatata attcagacgt ggtctcaggt 180
 ctggagacat gtgaagttat tgctcctaca ctgagtgttt ccatgtcatt atgccttaat 240
 ccttatttag acacagctat gataccctct ttacaacata aaggataagc agaaggatgt 300

<210> 1102
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1102
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 tgcaatcctg gtgacatatt gagggctgaa gaaaccatt gcatatagtc ctctgtcac 120
 tggagatatg tgtggttaaga aagagaaatg gccacgttgc aatagcagtg ggaagcaaat 180
 gcagaaagca ccaggaaaag gggaagatct aggtgacaga ggccatctag tcttttggt 240
 tcatctggtt ctggcacaca gagaatggag cttttgtggc aataatttct ctactgatgt 300

<210> 1103
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1103
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 aagtcttcca ttacagaaca cctacacatc aggagctcaa aaacagatat attctttaa 120
 tgtctagcca acatttttga aaagtgtggg aaatccctca gggccaaaac cagagggagt 180
 tggacaccag agtgataagc agacactgaa ggcaaggcca acctcagggc ttgggtcaat 240
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<210> 1104
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1104
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 tgccgtgtac accccagagg tatgcatgtg cctaggagac ggtagttac tctgagttat 120
 gaggagctgg ggtgatgatt ttaagtattc ttgttctggg aatggagggt atattctcca 180
 ttttgtgaaa ttcttggact ataggttaca ttccatttta agctatcacc cctcagcatc 240
 accaccatac ttgactaagg tgggactgtt tgcatagggt aattttggga tgggggaaag 300

<210> 1105
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1105
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 ccatagggtt tagggtattt tgctgtgtgt tcaaatacaa catgaaagaa gcctttttaa 180
 agtatttctg tgcctattca cagtccccta aattttatta cagtttttac gttggtttaa 240
 agagtatttt ggtttgattt atatggaaaa cttctttttt aacattatag taacatagat 300

<210> 1106
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1106
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 ttctcagctc ccaagagtcg aatgaaggaa gagcctgtct ccacctttca gagaggactg 120
 aggcctgtcc ccagcccccac ccagggtctc ctgggaagac cagcccttcc aactaccaac 180
 ccgttccttt tcccagctctg agccacagga agagcctagc ggggaatgtc atgaatcgac 240
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<210> 1107
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1107
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 ggaccaggg ctgagctgtg accatgaggg ctatcccgac gagctgccgt ggaccaggg 120
 ctgagccgtg accatgaggg ccatccgaa actgtgattg ttttctgatg aagaaacaa 180
 ggctttgtga ctaactcaac ccctcaagaa ggacaaaact agcatcagag ccccttgctt 240
 ctgggtctgg caagaatgcc tcttgtttgc tgagaggtcc acagatttac ccggctcaag 300

<210> 1108

<211> 299
 <212> DNA
 <213> Homo sapiens

<220>
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 <222> (1)...(299)
 <223> n = A,T,C or G

<400> 1108	
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actgcgtttc ccagagtgtg agccgctctc ctccccctaa aaagctgact cactgtgagt	180
gaccttgggc aagntnccaa ancttnttga gccttagntt ncncatctgg aaaaaatggg	240
gccanctctt gccannagta cagggtctgc natgcccntn tctctncatg cnccatcca	299

<210> 1109
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
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ggcagtgagt gaaaccagg ccttcagccc tccaaagcct ggggccaccc cctgtagcag	180
gcgatgctag aataaggagg agagccagag ctgaggctcc ttgccccttg gcccttcag	240
gggcatggg atctctgtct cccacacccc tgtcacggnc cgcttganc ancccatagg	300

<210> 1110
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1110	
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aggagtatcc aacccttaca accttcttcg aaggagaaat aatcagcaaa aaacaccctt	180
tcttaactcg caagtgggat gcagatgaag atgttgatcg gaaacactgg ggcaagtttc	240
tggcttttta tcagtatgca aaatcattta actcagatga ctttgattat gaagagctga	300

<210> 1111
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1111	
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tagtcaacta tatgctgttg actgcagagc tgtatcttca gaggagtgat gaagctacag	120
tagggggagt cactcatgct aggtatggat ctcccttacc ttggcctctg aatcatattt	180
atggcctatc agaggcaggg ggaagtcaaa cgtaagatta aagctatttg atggggaaag	240
aagactctgg accaagtctt agaggatgta gaccagcgct gtctagctct ctctcagaga	300

<210> 1112
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1112
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tctagtgaagt gtgtgtgatt actagcttca tgaataacctg acccctccac tctgaaggag 180
gaacaggcct gtctggatca cttctctgtc cctaactgag cccatctcat ttagggaaac 240
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<210> 1113
<211> 282
<212> DNA
<213> Homo sapiens

<400> 1113
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agttcatgtc atgattacca ggaagttcag gccagaatga atccctagag aagccaggcc 120
aagcctggat aattgcagct ggatgaccct ggcccgaatg tcacagttca gttgccttat 180
tcctagtcca ggcttactat ctagaacctc atgctagctt aggttgcatg tttacattgc 240
tgcatgagtc tttactggaa gcttagttgg atcgaaatgg ac 282

<210> 1114
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1114
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agctctccct cactctttga ggcaggttaa agggtagggc catgaccacc acctaatcc 120
ttcagggact atttacaaaa gattgaaaaa tgtgcccagg gcccgtagct gccctctgt 180
ggaactagcc caactcaagt gggctggcag gcaagcctgg ctttcatggg gacagaagag 240
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<210> 1115
<211> 150
<212> DNA
<213> Homo sapiens

<400> 1115
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cagttacca actgtgtcaa ccgagatctg atagacaagg cagcaatgga tttttgcatg 120
aacatgaaca caaaagcaaa caggaagaag 150

<210> 1116
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1116
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ggtttgccgg cagcttaggc cagagcataa agtaaaaagg aaaagtgttc acagacaatg 180
aaaactggga ccaagtgtg aatactcaag gcacacagac caggcaagga tcccagtggc 240
cgtggatgag tctcaggctg gctctgggcc agtggaaacac acctcagtgt ggggaaggc 300

<210> 1117
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1117
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ccagctgtat	cacccccagg	tgtacctgcc	atccttccat	tgcgcaaagt	tggaaactga	180
gcctgggggt	aggggtgagc	ccttttgagc	agcaggtggt	gtctggggcc	tgggacctgt	240
aaacaaatcc	tcattactcc	cagcctggtc	tctgtgcttg	atgttttagta	ctagaagtca	300

<210> 1118

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1118

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atgatgtcac	agacgccttg	ggtagccagc	acctggatgc	agctgtttgt	acacacatac	180
tttctgatat	tatgttgaca	gtgacttaca	ccacttcaac	ctcaggcagg	attctatcag	240
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<210> 1119

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1119

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tcctactatt	ctgcaacatg	taaataaacac	tttgaacaga	gcaagtggta	aagattgctt	180
aattttttgca	tgactatttt	gataaatatg	ttgagaagga	ccagctcaaa	ggaaaacctc	240
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<210> 1120

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1120

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aactggcaat	ctttccaaag	tggcagccaa	ggccccactc	cctgtcctac	tcaatctctg	120
cagggaataa	ctgtgggata	ggatagcagc	cagctgggga	cacacagagg	aacattcaac	180
aggaaggtcc	cgcctaggga	aaaggccaca	gagcccaggc	ctcttgccga	ttcagggatc	240
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<210> 1121

<211> 290

<212> DNA

<213> Homo sapiens

<400> 1121

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gaaattcaag	taaacagagt	tattgtgaaa	ttattatttt	ttggttgcta	ttctctctct	180
cctctcccac	tctgtctctt	tttttttctt	tgagatggga	tcttgctctg	tcgcctaggc	240
tggagtgcag	cagtggtgag	atcatagctc	actgcagcca	atTTTTTTTT		290

<210> 1122

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1122

agggaggagg	ggggcaggac	agtgtggaat	ctctaggggtg	tatgggtagg	tagggggcac	60
agttagttct	aagtgggctt	ttatgctaaa	agcctctggg	gatattctgtt	ttgaaaataa	120

agataggtgt	ccctccttg	ctgtcatcta	gcccagacac	tctgcttgct	ctctggctgt	180
ctgtccctg	ggaaggcttt	aggaggacca	cccaggacag	gatgaccatg	ctgccatctg	240
ctctggagct	gggtctcagt	gcagagggac	agtgactgtg	gatggttgca	gtctctgggt	300

<210> 1123
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

<400> 1123						
cctccaccaa	ccccccagtc	gtctgggatg	gacaaccatt	tggaggagct	gagcctgccg	60
gtgcctacat	cagacaggac	cacatctagg	acctcctcct	cctcctcctc	cgactcctcc	120
accaaactgc	atagcccaaa	tccaagtgat	gatggagcag	atacgccctt	ggcacagtgc	180
gatgaagagg	aggaaagggg	tgatggagng	gcagagcctg	gagcctgcag	ctagcagtgg	240
gccctgcct	acagactgac	cacgctggct	attctccaca	tgagaccaca	ggcccagcca	300

<210> 1124
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1124						
gggtgacttc	ctgtgacctc	caaaggaagt	ctcagctctg	ctagaatggg	accaaagccc	60
agctccacct	tgaacttgtg	tcatagcctt	gcttcttggt	ccctctcctt	agccgggcag	120
atgccttgtc	ctttgataaa	ggcttcctgt	cacctcctga	gggctcttgt	gctttttgca	180
ggtggatgcc	attaccttta	ccgctgtgcc	tcccgcgaatt	gctctgttca	cacgctgtcc	240
gccatctgcc	tgcaagggcc	caggcagggt	cttactcatc	attatgtcat	tgcttcaata	300

<210> 1125
 <211> 287
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(287)
 <223> n = A,T,C or G

<400> 1125						
ggacagtggg	cctggcccg	ggagctgcc	cgcaggtgcc	tgagggccag	gtgccacgca	60
ggtgtctgag	gaccaggtgc	cacgcagggtg	gtgggggtac	agacaagatg	ctgggatgtc	120
ccctgcccc	tggtcaagg	tggtctgcct	gcctntttcc	annctgann	nacntacatg	180
gaatccctan	antntntnat	ttttntgna	nanantgngg	ngttttat	ttttntnta	240
nnngnntnt	taatgntntn	nantattatc	ntntatnmt	ttttttt		287

<210> 1126
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1126						
ccctgcccctg	ggtctggccg	gcggaagctc	tgtccaaggt	ccacacacct	ccaggtttac	60
gccaacatcc	ttgtgccctc	cccaccttct	cttccaacgc	attaggtgca	ttgtttaatt	120
gaaatccaac	caacaattgt	gtgtcaaggc	tggtttgggtg	cagtggctgg	gcaaattaat	180
tttggggccag	gatgggggtg	ggttgacagt	agggtaggga	aaatgtcagg	agtaggaagg	240
ttcggggggt	aagggaagg	aagggaagacc	agaactggcc	atcctctttt	ataatccatt	300

<210> 1127
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1127
 tataggcatg agccattgca cccagcccag gtttttaata agatgaaaaa aatgctgtta 60
 taaaaagtga aaagaggcca ggtgtggtgg ctccctgcctg tgggccccagc tactccggag 120
 gctgaggcag gaggatcatt tgagcccagg ctgcagtgca gtggcacgat cacggctttc 180
 tgcagccttg acttctctggg cggcagacgg agaccctgtt ttttaaagaa aagaacagag 240
 tacaaaattg tatatgctat ataatcacia ctataataaa tgatctgtag ataaaatgag 300

<210> 1128
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1128
 tgtggcccca agagtgggag gagtgggctg tcagtaggcc accaataaat atctgtgttt 60
 tggctgaccc ccatatgcta ggatactgga gatgaggaac tggagaagggt gcttaaagag 120
 cacatctgtc tggtagagga cacagagctg tccttcaagc atttgaacga tgttctcatt 180
 tccctggaat cttctcctct ccaggctcac atctctagct ccttcaatga ttctctctgc 240
 gacatcattt tagttctctt cccaaccta gtctttttgc ttttaatgaa tgatcactga 300

<210> 1129
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1129
 catccctgac agttggataa taggttccag gaagttcagt ggaaaattaa aacaaagcaa 60
 catttatagc tgattgaact tgaaaagcca ttttggtgtt gaatggcaaa tatgtggact 120
 tcagcattcc tggagcctga tgcattccgc tggatggccc tgttctctgtg tacatgatgg 180
 cctggggact cagcagtgtg caggggtactc tcctttagag ggtgctttga ggaaagaagt 240
 ttgctgcccac ttacagaagt ccccttccca tacagtgata taacacaagt accccatgtc 300

<210> 1130
 <211> 250
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(250)
 <223> n = A,T,C or G

<400> 1130
 gagatgctga aggaaattat agccagagga aattttagac tgcagaatat aattggcaga 60
 aaaatgggcc tagaatgtgt agatattctc agcgatctct ttcgaagggg actcatacat 120
 gtcttagcaa ctattttagn ccatctcngt gacatggnet taattcacnc gtgtntaaag 180
 tgannacntc ttggaanatg gatnctanan gannatangg cngctttcta ctntnnnant 240
 nttnnngcta 250

<210> 1131
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1131
 attttcttcc ttatgaccac ttacagtgga tatttattgt acttgaccct tttatgcctt 60

agaatgctgt	gaggggtacc	atgttgaatt	tgtgcagaag	ctaaaagcac	cagatgtgcc	120
agagatgcaa	tttgtgatta	tgtttgcact	ggatttgtat	ttgaacagga	cacttataac	180
taatgagttc	tttcttttga	ggtggggaga	gggttgtaaa	tcaagacttc	ataccctatc	240
cttgtagctc	ggaaattgag	gtgtagctta	ggctgatgcy	gagagctgca	gacagctgga	300

<210> 1132

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1132

gttgagagaa	tccaaagctg	acccaaacat	ggtccccacc	ttttggagct	tacagtctgt	60
tctggggaac	agagattcag	ccaaagtcaa	gaaacactgg	atgccagcta	gattatctgt	120
tctgtgcttt	ggtgtctata	agtacatatg	tgatattggg	ttcattttat	ccctaaactt	180
agtaccaaac	cagcatttaa	tatctaatta	taaattctaat	ttggcctaaa	ctttattatt	240
gcacactgcc	tgaacaaaac	ctatttgtct	ctatgtaaat	tttttctca	tggaacaagg	300

<210> 1133

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1133

ctccagcctg	gggcgacaga	gcaagactct	gtctcaaata	gataaataaa	taaaaatata	60
aaaaaaagaa	actcaaggta	cagtgggtgg	agtcaaaaaa	gcataaggag	aaaaccaaga	120
ctgaaaactg	ttattgagct	tagtctgtgc	ctagttcagt	ccctagcatt	ttacaagttt	180
tctctgagtt	aacaaaactg	tgggggaaac	tgaggctttc	agatgttgaa	taacttgtgt	240
aagttgtaga	gcaggttctt	ttccatagtt	ccgcattttt	tacctgcaat	acagcaatgc	300

<210> 1134

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1134

gtgctgtctt	gcgcttgccg	gtggcctccc	aaacccctag	ggataacctg	ggccagctgg	60
ggcagtctct	gtctcgacct	ccttttccat	ttctggctag	tttaccgata	tgtttcatcc	120
ttaggccagc	tgatgacctt	ggccctctcc	tcccgagata	cctgcagctt	ccaacagtga	180
ggccctccag	cagtgaggct	gctgattttc	atggcctggc	tggagctggg	ggcccaggcc	240
aggagcagcc	ccaggcaaaa	atcacctccc	gctgctcttc	cctgccactc	agtacttttt	300

<210> 1135

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1135

gtaaaacatg	taatttggac	atgcaagaca	atgctgctgc	caactaacat	tgatttgatt	60
cattaagatg	ttatttttga	ggtgttcctg	gtctttcact	gacaattcca	acattcttta	120
cttacagtgg	accaatggat	aagtctatgc	atctataata	aactataaaa	aatgggagta	180
cccatggtta	ggatatagct	atgcctttat	ggttaagatt	agaatatatg	atccataaaa	240
atttaaagtg	agaggcatgg	ttagtgtgtg	atacaataaa	aagtaattgt	ttggtagtgt	300

<210> 1136

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1136

gtctcgcttt	gtgacgtagc	ctggctcttga	gcgatacctt	tgctttggcc	ttgccaaagt	60
gctgggattg	gaggcatgag	ccaactgcacc	cacccctgtt	ttttatttaa	gtaaaccatt	120

ataataactc	at ttataaaa	agg ttacttc	aag agggc tt	tca acttaag	aattat ttttc	180
at tt tgaaca	tgaaa agtta	aat agtaact	aagaa actga	gaact ctgac	agt gacctct	240
aat aggtaac	tttag gcaaa	agtag acaag	ttt gtgggta	tttt gttgtt	cat gttaaaa	300

<210> 1137
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1137	
gtttatgaag	60
gacctgccct	120
gcatgacttg	180
ctctctgttt	240
gtgactgttt	300

<210> 1138
 <211> 297
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(297)
 <223> n = A,T,C or G

<400> 1138	
ctgagatcgg	60
aagtccnaaa	120
atgnanccag	180
ntanggccca	240
tggaatcana	297

<210> 1139
 <211> 289
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(289)
 <223> n = A,T,C or G

<400> 1139	
atccagtagg	60
ttcatcatca	120
nttngcancn	180
agnnccaaag	240
ttatgaccnc	289

<210> 1140
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1140	
gtatagcgcc	60
ccagagatga	120
tcaaatttat	180
tagtttccct	240
aaacagctca	300

<210> 1141
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1141
 attattttaa agtcttattg aaactgaatt caaaggggaat gtactatgct cccaggaaaa 60
 agacataaatt gagagcctct tcctcttggt ttttcaactta tcatgagttc tggctcttcc 120
 ttagcactgc tggttctggt tatccccag gcttctcagc tcagctgagg gtgtgagcca 180
 tcgtatgttg gggactagct accagctaaa ggccacgttc tctgtgctgt ctagtacatg 240
 agcaacagag ggaagaagtt gtgtaattgt aagaacttgt cacctttcat ctcttttagt 300

<210> 1142
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1142
 ctgatctcca gaccataag ggagatgctg agtagacaac tggggcttat gggctctggag 60
 ttcagaggag agatcgggaa ggtgtccatt tggagtcac cacgcagaga tgtgtgaagg 120
 ctgctcaatg attttgaggt ttaaagaaaa aaagagatgt gaaaccagg gacctgatga 180
 ggtgcccag gtgtaagga agacagaaga gaagccatgg gacagctgag cccgggcacc 240
 ctcaagcctt ggagcatga agtttggtgg ggatctggca aagaacacct gggagcagcc 300

<210> 1143
 <211> 189
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(189)
 <223> n = A,T,C or G

<400> 1143
 gaaacagaca aatctgtaat aacggcctaa ttctgtgtct gtgataagtt tcattactgc 60
 ccaataataa aaaaagtgtg ataattatct aagccaattt gttcatttcc aacaatttct 120
 tttttttttt tcccnanacc cnnantttta aaacctgggn tnaanggttg aaaangggga 180
 nngggtccg 189

<210> 1144
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1144
 agcagctgca tctaggggcc cttggtgaga ttacactca gagcctggtc gcccccggtt 60
 agccagatt caaaagggtga acatctgttt gcagaatctg attcatgaga aggtgagttt 120
 attgttttca gtttagactt ttgggaagtt ggactagaga ggggagttgt tggggtcagt 180
 gctggcttaa cagaaaacac agcgaatttc ccctccagtt ctccccaagt ccaactgaaca 240
 aggctagttc ctgcaccacc caggattcaa aggaaagacg aaggagcag aacttgtggc 300

<210> 1145
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1145
 gaatattaag ggtattcatg agaggcaagt gataggttac tagggatgga ttgtgtggga 60
 gaaataatgc agaggaaatg atgatcatct ccattgaatg acagctgtta tatagcaaag 120

ataaatgtaa	aattagtctt	attccttgga	gtggaagaca	gcagttatca	gagaggagaa	180
tttaaatcaaa	agaatcagaa	tagcatggtc	acaggccaga	ttcacattga	agtatttact	240
ctatatttta	ctgctgttac	attcāaaatg	tatcagaagt	ctcatgggtc	aattaataga	300

<210> 1146
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1146						
gaacaaatca	cttaaggaga	aagtagaaaa	aaagctgtat	tttaacaaag	aggtatttcta	60
atcggaaga	caatgaccaa	ccattacgac	caaccattat	gagaatatag	cttagggacg	120
tttgtgctca	gctcctcttt	tacccaatgt	caatgcctgc	ctcagtggtat	tttcttctgg	180
aggagagttt	tgtggatgcc	atctttccgt	tacggaaaac	cagtggagga	atgggcagtt	240
tcttgccatg	accaccatc	atttaaacaa	ttggtgtttg	agttcagaaa	tāagctcata	300

<210> 1147
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1147						
cctgcctcag	cttttcaagt	agctaggact	acagggtatac	tctaccacat	gtaggctaga	60
ttattttctg	tagagaagag	gtcttggtaa	gttgccctagg	ctgggtctcaa	actcctggcc	120
tcaagtgatc	ctcctgcctt	ggccacccaa	agtgcctggga	ttttaggtgt	gagctacagt	180
gcttggcctg	cataatttta	taacttatat	attcaccatt	ttacacattc	agagaaagga	240
gttgaacaa	gacactttat	aatatagact	aagtcatttt	attgacagtg	tcatgaaagc	300

<210> 1148
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1148						
ctttgggatac	tttagatgaa	tggtatcata	cagatgtgta	ttattgctaa	ttctttgttc	60
tcaatcactt	gttttcaagg	acactaaaat	ccatgtagcc	cctaaaaaag	ataaataagg	120
gcaagtcaact	tttcttcttc	cagtcacaga	ctaaagaaat	tatttcagat	aatatatagc	180
ccttcagcca	tgggagcagg	aagtgtttac	tgctcaagtc	aggggtctcag	ttggtaaaat	240
aaacggaaac	ttctggttta	gttttagggc	cttctttcaa	ataaaaaactt	catttttctct	300

<210> 1149
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

<400> 1149						
gagaggaaga	agcagctgac	ataaacatgc	taagaggga	acgtctaaaa	tgtaaatgaa	60
tttatgaaga	ttaaatttgg	gaaatcatga	gaatttagaa	tttctcgaaa	cttcaaact	120
gaggtacctc	agcactttct	taccagcctt	ttaacatggg	cctccactgg	gtgcatgtga	180
gaaagactgg	gatcagagaa	aagaacctga	caagctccac	cccctgtgtc	ngagggtgcag	240
gaatgcaa	gagactacag	tattcaaatg	gtgctgtctg	agaacagaca	tgaaatccag	300

<210> 1150
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1150
agaggggttg tgaaaattca gacagaatgt aacttgacaa agagaagaca gcaacaactg 60
taacaattat cttatgaata tttgcgaaac tcaaagggat ctgattggtg acctctgggc 120
tttatcaaat taacatcaca acttctagaa gaaagtcaac cttcatcttt tacàatagaa 180
atcatatgtt ttgctaàccc attcctattt aggctgaaaa caattaagag ttatgggtac 240
ttaaaaaaat cattatgttt ataaaattag tgatagaagg agcatagtgt tcatacagtc 300

<210> 1151
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1151
ggttactccc aggtgaccag gtggcctgta ggaaaccaag ggctgctata tgaccggagc 60
tgatggttg tgaatcacia tgggtgttgc ctgagtcaga agcaggaacc ccggctctgc 120
ctgatccagc cttcatcga cttgcggcaa aggatcatgg tcatcaaagc caaagggatg 180
gagcctatag aggtgcctct tgaggaaaat agtgaacgga ctcagattcg ccaaagcagg 240
gtctgtgctg acagagtaag tacttatgat tgtggagaaa aaatttcaag ctggttgtca 300

<210> 1152
<211> 104
<212> DNA
<213> Homo sapiens

<400> 1152
agtgcacca tgcgttttca cttgttctta ggctacttca tccaataata tatttgagta 60
gttctgaaca ggaacacaag taaggagaat tttttttttt tttt 104

<210> 1153
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1153
aaaaaaaggc ggtgggggga aattatctcc acaaaacaaa aagtccgaca ataagcaata 60
agctgtccag ggctgataca gggcatgatg aggtcatcac agatccaggt tctttctgtc 120
ttctgtctcg cattcgtagc ctgtggcttt gtcattccct catctggaaa tggcggctgc 180
agccccaggc acaatggccc gttgaggaag aagggggacg atgtgcagtg tcagggttatt 240
ttatcaggaa agttcaaagc ttctcagaaa tcttctgttg gaattctacc tgggtgtcat 300

<210> 1154
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1154
gacaaaagaa aagtatcatg tagatttcaa ctggagacag tgactttaat cttctaagtt 60
cagagacaaa tttcactgca cttccttcag tgtttctgaa gcgtgagcat atttgctaaa 120
cagttgcta tctcatcatt gtgttaggct cctcatatth tcttaggga aatgctatgg 180
agagttcagg tcagaatatt gtgttgtaaa tgttgccaca gtaaatagcaa ccccggcctt 240
tactgttggt tcatctcaga tgaatatgtt tctaaagtca tgataaacca acctcatgca 300

<210> 1155
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1155
cccagctccg gggcatcagc ctgagtgcgc ttgagctgct ccaaactcgg cccttcccca 60
ctctcttagc atcgccaccc gcatggccct ggaactcccg cggcggcggg ggcgggcccg 120

tgctgtgtgt	gccccgactt	cccacaccag	ccgcgcccac	cgcagggtggg	actcaggttc	180
gccctctggg	ccagggtcctt	cacgaggagg	gagctaccct	tcgccagaag	tttgtgagaa	240
tgtggccgcc	cttttcctgc	cctctgcccc	atgtgggtgg	ggggcctcgt	ggcccggccg	300

<210> 1156

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1156

aagaggaagg	taagtagata	aataggaag	taaaccaggt	ttctaattca	tgggtgaatc	60
cgatagaata	ggtatcagat	tagggattac	aaaatgtatc	atgggtacta	aatatcagta	120
caaagcagcc	acaataatat	tgatttatgg	atttaagtaa	cccgaccaa	ccttgatgta	180
tctcatcatg	ttgaatttct	gctccagata	ataaagtatt	gttcgatcct	gtgcattggc	240
cttttatatt	tcagaatgat	tcaaaggatg	gctttgggga	ttcactgtaa	gattttttgt	300

<210> 1157

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1157

gtaccataag	aaactttttc	tgaaaagtgt	attagcaaaa	agaggactct	tcagctttct	60
acttgtccgc	gaactttgat	gttctcctga	aacctccatg	tgtgtcaaga	ttgggaaatg	120
ggagaatcaa	gaatcagtag	gtgttaggcc	accgggattg	cctgtatcaa	aggaggagca	180
caaaaccaag	ctgttctcaa	tcaaaagtag	atccaaaaca	acgttttcac	aaaagtccaa	240
agaaaagtat	catttttcag	gttttgcgaa	gaggaaattg	tggcgaacag	aaaattggag	300

<210> 1158

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1158

ttcattttta	aaaagcttct	ccttattatg	ttgttgttta	acaacttaaa	cgctatctct	60
agaccaggaa	taattatttg	ctatatatta	cagcaaaaaa	tatgtatgta	taaatggact	120
cattcaaaat	atataaagaa	ctcctattac	aaagaaattg	acaacagacc	cagtatatca	180
atgaatataa	aaatttgaga	agatattttc	cataagaaga	tatctaaatg	aacattaggc	240
atgagaaaac	caaattttag	gatattcacta	cacacctggc	atagtttaaa	agactgaaaa	300

<210> 1159

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1159

acaaagcata	tgtaccaaca	atgcatgttt	atattctgtg	ccatgccagg	ggcaaattca	60
tagttggcct	gtttccataa	gtgtggggat	ggaaccttga	aacacaggac	atctcataat	120
gctgtaagca	gggaccattg	aaattgattc	ctagagtctt	gttctacaac	ttctttaaaa	180
attactgatt	tgacagcagt	atgtattcaa	catttaagac	tttctgtcta	attttgagca	240
tacattcttg	actaaggcta	gcaattagag	attctttctt	taatttatca	gatattctatt	300

<210> 1160

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1160

ctcttttctt	gcttagtgat	ggcatccatt	ttaaggaaca	aacctggaaa	tgctgagcga	60
agaacacata	cccttcattt	ccaaaggttc	atttcccact	cttacttttag	attgacaatg	120
agttgtagtt	caaaggctgc	cctgcaggga	agctcatata	ccctataatt	ttaaaggcct	180

cagacgactc	ttgggaaact	tggtaaaaca	ttctatntag	agacatgcct	gctgatatga	240
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<210> 1161
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1161						
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tggggtagtt	aggtgggagg	gcatttcaca	aagttaaaaa	atatgacttt	ggaggcttgt	180
tatattgatg	aggattataa	tccttgagaa	ttcctgggat	gaaaaaggga	aaagaagata	240
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<210> 1162
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1162						
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cctggctcag	tgggcctttc	agaatctgga	accagacgga	ggtggagtta	agaagatagg	180
acagaacagg	caggccagg	tgctatggtt	ccactgggga	gagaccattt	aattctccag	240
atgctttact	ccctgattgt	cttttagcca	ttattctttt	cgttttaaga	gacatggtct	300

<210> 1163
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1163						
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accttgattg	gcatggagcc	tcgactgctt	gcattgtata	cacatgtaat	aagaaagcat	180
taaatctctt	ggaaattagg	aattgacaag	ataaatagat	aaggcataaa	gccaatTTTT	240
cacacatgtc	cttaggctct	tgtaaatgtg	tgcttggtgc	tgctttgact	tcccagggtc	300

<210> 1164
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1164						
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tatcatTTTT	cctgacaatc	cccatcacct	ttaggggttc	cctgcttggc	tcctttccag	120
ctgaaaaact	agacctgtgc	cattggggaa	gctggacaaa	gtctaggggg	ccgcctggt	180
agagggtccc	gggaagctgg	atctgtcagc	ctcgccctg	aggccctgt	taactcaaga	240
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<210> 1165
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1165						
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gtcctttccg	acttttgtgt	tttctttcca	cctttcacta	ctgactttgc	ctctttccta	120
ccaggaatgg	acagggccga	tggaggtgaa	gcggacagca	gctgcactgc	cctgtagaga	180
ttcccaggcc	ctgcccactt	caaagcacac	aagccacct	tttctctatc	acatttccct	240

ttgcaaccca gggaggcact caccaggatg ctgccaagaa ggaaacattt tattaacatg 300

<210> 1166

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1166

ataggataac	aggaaaacca	gggctgtagc	cacagcctcc	atattttcct	aaaaatttta	60
gagtgtccct	gctacttgac	aaattgaaat	actaagattt	atacatttcc	atggaaaaag	120
caacagtggg	aaagagaggg	cttcccagat	ttgtcttata	gatctcatcc	ttcagagact	180
agccttctgt	tagaaatgct	gtctccaagc	acaagacaga	ataatcatat	aataccaata	240
cacaccagtt	gctaaggtct	ccatcctttt	aagtatttgt	tactgagtgt	tttgctgtga	300

<210> 1167

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1167

ctgccatgtc	tagtgggctc	ttctgggctc	cgctcctgagt	ttgtcacacc	tcctagggcc	60
cagaggagat	gatgtggtat	ttctatcact	aaaaggagtt	caagaccagc	ttgagtaaca	120
tggtgaaacc	ctgtctccac	taaaaataca	aaatthagcc	aggcatgatg	gcgcatgcct	180
gtaatcccag	ctactcggga	ggccgaggca	ggagaatcat	ttcaaccag	gaggtggagg	240
ttgcagtgtg	ccgagatcgc	gctactgcac	tccggcctgc	gtgacagagc	aagactccgt	300

<210> 1168

<211> 290

<212> DNA

<213> Homo sapiens

<400> 1168

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agggtaaaga	atatgaacaa	ccttcactga	atttccatat	cttatataat	aggaatgaat	120
ttaacatgga	cacaagtccc	agtgatataa	ggaataggca	agagtagtaa	ttcttcacat	180
cttataaagt	gtaagaactc	acctttggga	gaaaaatctg	gttctaaggc	atgtggtaaa	240
gcctttgttt	cttcactat	tggttatttt	tctttttttt	ttttgaaaca		290

<210> 1169

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1169

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cattgggggtg	gggtcagaga	tgtgcaggga	ggaaggggga	gagggcacgc	cagtgaagca	120
ggacttatct	gctccccctg	gctacaccct	cactgagaac	gtggcccggga	tcctcaacaa	180
gaagctgctg	gaacatgcct	taaaggagga	gaggaggcag	gctgcccacg	ggcccccg	240
tctccacagt	gacagccact	cgctggggga	cacagccgag	ccagggccca	tggaggaact	300

<210> 1170

<211> 273

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(273)

<223> n = A,T,C or G

<400> 1170

cctttttttt	ttttttaaaa	aaaaactatt	taatttttta	atattttttt	ggttggtttt	60
tgctcaatga	agtttcagct	tctcaacctt	ctccccctcc	cagggctgtg	gacccagact	120
ggccttgagc	cacagtcctt	ctttccctcc	tccccctctt	ccccctgcgg	gctccccggg	180
ctgtccattt	gttactgtgc	tgtgctgggg	attggcgccg	aggtggcgtg	agattccgct	240
tgtgtagacc	ttgtgantan	gaagggttc	caa			273

<210> 1171

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1171

gttctactgag	gacagcacca	cctcgggcct	cactgaagaa	tctacagcct	tccccggcag	60
cccagcctcc	acccaaacag	ggttacctgc	cacactcaca	accgcagacc	tcgggtgagga	120
atcaactacc	tttcccagca	gtcaggtctc	aactggaaca	aaactctcac	ctgcccgtct	180
caccacctct	ggcctcggtg	gagaatccac	accctcacgc	ctcagtccaa	gctcaaccga	240
aacaacaact	ttaccgcgca	gtcccacaac	accaagcctc	agtgagaaat	caaccacctt	300

<210> 1172

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1172

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ttagtactta	atccttttagt	cttaataggc	agtgtggga	tattacctga	gagaaacttt	120
ccaaaatgag	agtgcctctgc	catttcgttc	attttgtgtg	tggttcatca	tgtccccaaa	180
gttcctgcat	ccactctatc	aggaggcaga	aaggagcat	ctgagacctt	atactgcctg	240
catgcagaag	tggtcctgct	gggtttgttt	ctgtagtgtg	gacactttga	atgttttttc	300

<210> 1173

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1173

cccaggctgg	tctcaaactc	ctgggcttaa	gcagtcttcc	caccttggcc	tcccaaagtg	60
ctaggattac	agacatgagc	tggtgcgcct	ggcctgaaca	tattatcttc	ttttgctttt	120
cttctctact	ctccaaccct	ccctctgtcc	tggtgggctg	ggaggcagga	cattgggtgt	180
ttaatcatgg	actctgaaga	gtcactgcta	gctgagtttg	aatcccagca	ccctaattac	240
ataggtgccc	ttgggcaaga	tattttactt	ctctgagctt	cagctttctt	acctataaag	300

<210> 1174

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1174

atgcagtgtg	actggcagga	ggggagtgtg	aactacttgg	gtagatgatc	aggagatact	60
ctgcaagagg	aaacatacag	aaggagcctg	acatgagaaa	actggggcag	cagttttcca	120
ggaagaggga	ccagcacagg	tccaagttga	aactcagaat	ggaattttag	gaaattatat	180
tcttcatgat	ggttagatcc	tgtgggctat	catcactgca	gttcaacaat	gtggtgccta	240
gtaggaagag	ttctcccagg	aaccctccac	gtgtgctatg	ggattttctg	gaaaaccagt	300

<210> 1175

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1175

gcaccaggcc	gccctcggag	caggaagggg	ccgtgggtgg	ggagaggcct	gtgcccaagt	60
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acccccctca	agaggctgag	cagcttagcc	accaagcagc	cccaggaccc	agaagggctct	120
gcatgggcca	tgagcgggca	ctcccaatac	agcttaccgt	acaggccttg	gaçatgccgg	180
aggaggggtga	ggaacctggg	gtaagccaca	gggggtgtgga	ggggctgtcc	ccgcgtccgc	240
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<210> 1176

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1176

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gctatcattt	ttcattttcg	tttttgagct	tgaacatact	tttttcaact	agagagttgg	120
agggacttgc	ccaagactgc	ccaatggcaa	tgagatttca	acctcaaact	aatgttcttt	180
ttaatgcaag	atgataaaga	gtaggattta	gcctaattta	ggatagaata	aagccaaata	240
atthagata	ggttctttgg	tgttcatggg	tgtaactctaa	tgcccatgat	gcaagtggca	300

<210> 1177

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1177

taaagttaca	cttaaacagt	gatacataga	ttgccagata	aattttggaa	gggctttgat	60
taattaggct	tcagggaat	tgtgaataaa	aacataaact	ttgcaatagg	gtaggggaaa	120
gaaaataatc	ccactcctga	agtgatgaaa	tgaagagtgg	ctagagagga	gaaaagaacc	180
aggacaggtg	atatattagc	aactgtcagt	gtgaataatc	cagggtatga	catttctaata	240
ttagcctcac	atttaaggtc	atttctgatt	caacctcaaa	tgatccttct	agcctactgc	300

<210> 1178

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1178

cttaggggaa	ggaaatgaag	gtcagctttg	ggtatactag	tgtaaggtgc	ccatgagaca	60
ttcagataaa	aaccagccac	caggcatatg	gagataacag	ggctgaactt	aggagaaaag	120
cctgggttga	aacagagatt	cggatatect	cagtatgaag	gtgatagtgt	aaactgggga	180
ctggatgacc	gaaagagatc	accagaaca	ccagtacaga	gaggagagag	ctgaggatgg	240
aattttggga	cataggtgct	tctacagcac	atggcaccaa	cctctaataa	tcacaccact	300

<210> 1179

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1179

ggagaccagg	tgggagccac	tcacagaaat	cagtaacatg	aaaaccacag	ccacaaaacc	60
accactggca	ctcaacgccc	atcatcacgg	gcaggacagt	tctacatcat	ctccctccgg	120
cctgaggctt	cccaggcagt	gtgggaaggg	gggctgcac	tcctggctgg	ggttcacacc	180
taagtttcct	gaggtccaag	ctgacctgga	aagtttctag	tgagtggcac	atcctgtccc	240
aacaagggga	acacgggcag	gatgtgctcg	caccctggga	aaagtgttgt	ctccgcacac	300

<210> 1180

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1180

ggagaccagg	tgggagccac	tcacagaaat	cagtaacatg	aaaaccacag	ccacaaaacc	60
accactgtca	ctcaacgccc	atcatcacgg	gcaggacagt	tctacatcat	ctccctccgg	120

cctgaggctt	cccaggcagt	gtgggaaggg	gggctgcac	tcctggctgg	ggttcacacc	180
taagtttct	gaggtccaag	ctgacctgga	aagtttctag	tgagtggcac	atcctgtccc	240
aacaagggga	acacgggcag	gatgtgcctg	cacctggga	aaagtgtgt	ctccgcacac	300

<210> 1181
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1181	
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catttaattt	aaatgactct
agcctgttag	ctattactgg
ttttaacatt	ttattggacc
tggtgttttg	gttatgcaga
gtttacagta	ggttaccattc
ctgtgtaaag	ggtagatcgc
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aactattaaa	tccttaaatt
gagtgaggaa	
	60
	120
	180
	240
	300

<210> 1182
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1182	
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tgaggagctg	agcacacact
acaatttga	gataacacaa
gcaattctag	gattgttatt
gtgtggggat	gtttatcaat
gctggtgaag	gttctgaaca
tggtgacagg	tggtgacagg
agaaatgact	tttctggact
ttgtatccct	ttttgactaa
gcattggatgt	tcacattcag
aaaaaagttt	agcatgtcac
	60
	120
	180
	240
	300

<210> 1183
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1183	
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ctgtgattta	ccagctgtga
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ccggatggga	taagaatggc
gaactcctcg	tactgtctta
gctggtgatg	gagttctgaag
gcctggcacc	cactctggct
tgctgcttac	tctcttggtg
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cgcaggataa	ccattcctca
tacctcagct	attccaaccg
	60
	120
	180
	240
	300

<210> 1184
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1184	
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gacgtgtgtg	gttgactggg
tactgatccc	aggaggaag
gccatgacaa	ggggcacatc
ggaggtccgt	gagctggaac
ggcaacagac	tacacgattg
agggccttgc	aggggattgg
ggatgaaagg	aggcccctga
atttagtaga	gctagtaggc
	60
	120
	180
	240
	300

<210> 1185
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1185	
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agtaaaattg	atctacacaa
atctgtagta	atgccttaga
aagcaaccaa	tggaaccttc
atctgtaatc	
	60
	120
	180

catagagcct	gtgctttaag	agatactgcc	tatgccataa	ttaaagaaga	acttgatgaa	240
gactttgagc	agctctgtga	agaaattcag	gaatctagaa	agaaaagagg	ttgtagctcc	300

<210> 1186

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1186

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taggagctgt	ttacttggag	ggaagcctgg	aggaagccaa	gcagttattt	ggacgcttgc	120
tctttaatga	tccggacctg	cgcgaagtct	ggctcaatta	tctctccac	ccactccaac	180
tacaagagcc	aaatactgat	cgacaactta	ttgaaacttc	tccagttcta	caaaaactta	240
ctgagtttga	agaagcaatt	ggagtaattt	ttactcatgt	tcgacttctg	gcaagggcat	300

<210> 1187

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1187

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atztatagaa	aaattccacc	ctggccatgt	gggcctgaaa	ctctggaggg	ctttaacaat	120
gtcttgaggt	cattgtcatt	taaagagatg	actcattggg	tttatttagt	agaaataaat	180
actaaataaa	taatctccac	agattatcca	gaggggtaag	ttgaaggatg	ttgacagata	240
actcagtaaa	ttgcgtctca	aatattaata	agtttattct	atgccagcac	caaaaatatt	300

<210> 1188

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1188

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cttcaccaca	tgtgggaaat	catgtggcaa	aactgtctct	cttaaaaaaa	aagtcaccaa	120
ggaaacctcc	ttctgcaatt	taagaaataa	aatcccagtg	acattgattt	ggatgctcca	180
aacatgtcca	taatggaaga	gcttttccag	gttttggttt	gggcccccca	gaccaaagct	240
ttgacacata	atacaagctc	tgtaagtctg	ttttctgtgc	tgtaatttgg	gattgtcatc	300

<210> 1189

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1189

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tttcctttta	actgaagggt	ttcttagata	tttagtttgc	tggtatatcc	ttttaaaatt	120
gtatcattgc	tttctttcta	tattggatta	ttgtcagaga	acatgatttg	catgatatta	180
actttttgga	gtatattgtt	gcatctttgt	ggcctagtac	atagttaatt	tagtgaatgc	240
ttccagttgt	acttgaaaag	aatgtatat	ttctgattat	tgagggtaaa	tttctctata	300

<210> 1190

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1190

tgacttttga	cctggtccaa	gctgttgggg	aattgctgct	gttgacccag	gcaggagtct	60
gactagagaa	caaactaagg	ttgctgcaac	aaacaaggac	ctcttccaag	aagggctccc	120
aggcctggcg	cagtgactca	tgctgtgat	cccagcactt	gggaggccga	ggcgggtgga	180
tcatttgagg	ccaggagtgc	gagaccagct	tggccaacat	gatgagaccc	cgtctctatt	240

aaaaatacaa aaattagcca ggcgtggtgg cgctgtagt cccagctact caggaggttg 300

 <210> 1191
 <211> 300
 <212> DNA
 <213> Homo sapiens

 <400> 1191
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 aactgtaact tgcaaactgt atccctagcg ggcccaacac aaatcctgga gaatcagagc 120
 tggggtggcc ttggaaactg gcaagtccag cticactctc acagggctag ggaaacaggg 180
 cccaggaggg tcgccctgcc agggccacac agggaggagg tgtgtggctc catgtggcct 240
 caggcctgaa ttctattatt attattatta ttatTTTTga gatggagtct tgctctgtca 300

 <210> 1192
 <211> 300
 <212> DNA
 <213> Homo sapiens

 <400> 1192
 gggccacgac taccaaattg gccctaccg caagaacctg ctatgctacg accaccggac 60
 agacgtgtgg gaggagcggc ggcccatgac cacggcgcgc ggctggcaca gcatgtgcag 120
 cctgggtgac agcatctact ccatcggggg cagcgatgac aacatcgagt ccatggagcg 180
 cttcgacgtg ctgggcgtgg aggcctacag cccgcagtgc aaccagtgga cccgcgtggc 240
 gccgctgctg cacgccaaca gcgagtcggg cgtggcagtg tgggagggcc gcatctacat 300

 <210> 1193
 <211> 300
 <212> DNA
 <213> Homo sapiens

 <400> 1193
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 tactgaagga cctgaagaca gatcatcttc acataatcag catgacccat aatctgtgat 120
 gtcaactgagc ttcttttatt tctgtagtca aggaatgtgc acaagtaatg caaatataat 180
 tacttttagt cctgaggatt agggaaactg ggggatgttc acattacctg atgatgtcaa 240
 tatttgtgta tgtttaattt tttttaaaaa agatgcttat ttattactga aataatctaa 300

 <210> 1194
 <211> 300
 <212> DNA
 <213> Homo sapiens

 <400> 1194
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 ttaacagata cctgagtgcc aagcataata aacaggaaat atacacttca aaaaagaaaa 120
 agaaaaatga atgcatactt atcaaatact tgctgtaaga gcattaagta ctttacataa 180
 gtcaaatcat ttaatcctca tgaccctaag aagttatttt aagatctttt gagaatgaga 240
 aaaaaggatg agtaagggtg ggtgatctat gtaaaacaaa taaattctag taactggcaa 300

 <210> 1195
 <211> 300
 <212> DNA
 <213> Homo sapiens

 <400> 1195
 gccacggcgc tcggcctgaa ttttttttaa tacttaattt agatcaataa cttcgactgg 60
 tactgaaatt tgcaactact ttcagcttac agtttggtga ggactgctag acccagttct 120
 tttgtcatct cattcttaga gagctcttga aaaccaaagt atttaaaacc ctgcaagttt 180
 ctgtgcagat gagtgc aaat ttccaccag cattggttcc tgagtaatta gaggaaggaa 240
 gccatgcaaa agctgctatt gcccaggctc cagaaaaaca tcatgtaagg tttgattcca 300

<210> 1196
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1196
 ttatgcttca tgttcattgt tttaccaatt ttagaatacc ccaatggggt aggtactttt 60
 atctctcttt ttacaattgg ggagctcgag gtcagtttg gtcagtgtgt aagtcctgt 120
 ggagttgggc tccaaccag gtcagtctgt tccccaaac ccttctgttt gactttgccg 180
 ctgaagaaga tacaatgaga tgaagagtct tgggcatgat ggcacacagg tcatcaggaa 240
 gaaggccatc aggaagttgg actagaggtg ggaggggaga aggaattagg ggatttggaa 300

<210> 1197
 <211> 289
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(289)
 <223> n = A,T,C or G

<400> 1197
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 ctatccaagc atgttggggt ggaagggaat tgggtgccag aaaatgggac tggagtggag 120
 aatatctttt cttttgagag taccgccagt ttatttctac tgtgtttat tgctactgtt 180
 ctttattgtg aatgttgtaa cattttaaaa atgttttgcc atagcttttt angacttggg 240
 gttaaaggag ccagnggtct ctctgggtgg gtactatnch gagttattg 289

<210> 1198
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1198
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 tcagagctag tggggcctgc tcacacattc cagtagtttc ctctttattt gtctgaacc 120
 aagtgtaga atttaaagga ggtgaagtaa ggcgatttct atggaaaata tatttttctt 180
 ctttactcct catgctgagt gcataagaat ttattatttc ccctgaatgt tcaaagtggg 240
 gtgtgtgtgt gtgtaaaaga accaggagca aacaatctta ataggaatgt gcgatcttgt 300

<210> 1199
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1199
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 gttgttgagc aattttgttt ttttttaaag cagggtgacc tgaaaatgct ttgtagagga 120
 catgggtttg ggccgccct tgaaatgctg gggaggattt gactccttta ctgtcgagga 180
 gggggaaggc cattgccaca gttgggacag tggcacaac tcaaaaggaa ggaagaacta 240
 ggtaatttga aaaacagaat aaaccaattt ggctggaaag tgaggtcttg tgagaaagca 300

<210> 1200
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1200
 gacacctcgg actgggagga gaaggagttc ggcttccgcg ggacagaggg ccggctgctg 60

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tatctccagg	tggaccgctt	cagcctgctg	cccacggagc	agccccggct	acgggtgcct	180
ggttgcaacc	aagacttaga	tgttcagaaa	aagctctatg	actgccttga	ggagcacctt	240
tcagagtcca	cctcgtccaa	tgcaggccta	tcactgtccc	agcttctgga	tgaaatgcgg	300

<210> 1201
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1201						
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gctgctgaga	gggtttcgtt	tacaagtgac	cttgagtgtg	tttcatctct	ggaatgcatg	120
gtccctgcgc	tcaagctaca	caatctgatt	agtgaagtat	tactaataca	ctagaaaaat	180
atacatagta	attaccaa	gactgacaca	atattatagg	gggttcagag	aaacatctgt	240
gaatgggtaa	taatgaaaa	agaaaagttt	ttctctttgt	tttagtctga	cccttttaac	300

<210> 1202
 <211> 148
 <212> DNA
 <213> Homo sapiens

<400> 1202						
cttctgtg	caggggaccg	tggagaaagt	gtcaggggcc	gctcactgca	gcagcctgct	60
ctgctgcctt	ccctggcagt	gttctggggg	tggattccct	acacctagat	gttcaaggcc	120
ttacttttcc	tcccacaaag	gattcgca				148

<210> 1203
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1203						
cagaaaacta	gcaggttaca	ttttataggc	tattgtagtt	ttatttacca	aatgatattc	60
tctaaatcac	ttcgaccaat	aaatgtattc	tcttccttaa	agcagagttg	tatcaactct	120
gtgggagcat	ttatgagctg	tcagtcccca	cacttctagc	cagaatcaca	ataaggctctg	180
gctgggtgtg	gggtgctgca	taggaaaggg	tctctggaga	agcaagaagg	gcacaatcat	240
ggcccactgc	tcccctcttc	ttctcagtgc	tctttgccct	ctcctgctgc	gatgcttctt	300

<210> 1204
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1204						
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gaaggtttgg	cattgaaaat	gtgctgttgt	tccaaagaaa	aattagcaga	ggacttgaga	120
tttagaaaag	tctcctttgt	aatgtgcatc	attaccagtt	atctaaagaa	aaacatgtaa	180
aagccaacaa	aacccttgaa	aatattttgc	atatggatgt	ctgtttcacg	tttcaactga	240
agatgtatag	agcacctctg	atgatgagga	agataccatg	ctaggcagta	ctttcaagaa	300

<210> 1205
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1205						
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aatctgaaga	agattacctg	gtcatgatca	ttgtccgtgg	gtttggtttt	cagataggag	120
ttaggtatga	gaacaagaag	agagaaaact	tggcgctgac	cctgttatag	tgggttatagt	180
ggtgtcccta	aaggaggagaa	atgatttcag	caaaactggt	tgaacagcgg	atgaagatat	240

ggaattcaaa gctctaattg acctttttga agagaagttg tggcttatgt ggagtttaca 300

<210> 1206

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1206

cagagtcaac	atggagcatc	tcactgtgaa	atgatccatg	gattgaagga	tatggtaaaa	60
tgtttatagt	ttactttgaa	agtaaaatat	actatgtcct	ggttttgagg	atattggata	120
caaaactctc	ttcctttagg	gctactgagt	cttgattcct	gatcatcaga	aatttcacca	180
gaaacaactt	gcttccaata	tacccaattc	tatatgaaga	attcatggag	agtgtactgg	240
cactggaaga	gtttagtgtt	tcttgtatgc	ttgaaaataa	agtatgtact	gttttgaatg	300

<210> 1207

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1207

gtcgtgtgta	cacacattca	cacttgcagg	cgtgcaggtc	ggtggtgta	cacacattca	60
cactgttgca	ggcgtgcagg	tccgtgggtg	tacacacatg	ctgttgcagg	cgtgcaggtc	120
ggtggtgta	cattcacact	gttgcaggtg	tgcaggtttg	tggtacacac	attcacactg	180
ttgcaggctt	gcaggtcggt	ggtgttacac	acattcacac	ttgcaggcgt	gcaggtcagt	240
ggtgttacac	acattcatgc	tggtgcaggc	atgcaggtcg	gtagtgttac	acattcatgc	300

<210> 1208

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1208

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tgatcttgga	ccaccgaaaa	ggtaaaacca	gtggcaagct	tgaatgcttg	ttttatggta	120
gacttagata	cgagaacggg	taaagggtag	tggataaaact	tgggatataa	gattgtcttc	180
ttttatgcat	accactcata	ccactgggtg	gaaatttcat	ttggaattac	tccctagggc	240
catggagctc	tcctgcatat	gctaataatg	taagttccca	ttacctttgg	taataagaaa	300

<210> 1209

<211> 215

<212> DNA

<213> Homo sapiens

<400> 1209

acctggtgtc	ctcgtgcttc	ttgggcaggc	cagctccatg	cagtgcagtg	cccctgaagg	60
gaatggggcc	aggagaagac	ataacagggc	atgaggatct	tctctgtgcc	aagaatcatg	120
ctaggtaacc	cccctgagat	ttctcatcct	cttgagaatc	ctgtgagatg	atcctgctgc	180
ccttattttt	ccagatggaa	aaacggatta	cccag			215

<210> 1210

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1210

cacctgtgcc	cccaggctca	aggtctctgg	caggtgcaca	ccagcccaac	tctgcagggc	60
ttctctccct	gccaccaccc	cccaagccag	gacccactc	cttccccgag	gctgagctga	120
gccttttcca	ggggcagggc	ccaggagacc	attcccagaa	tccatggggc	agtagccagg	180
gtcccggtg	ctggaggaag	cagctatcca	caaagcttcc	tgccccagag	ctgaggctga	240
ggccccggga	gaggcgcccc	ctacccaaac	actggctgct	ggcattccac	caagtgaccc	300

<210> 1211
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1211
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 tattttaaat gtcttgcagg gagtggaaga aagctttgct taaaaatgct accatatgct 120
 aactatatac agcacttcaa gtttatttat tgtaaagcc tcatgtaaat cacgtcattc 180
 tgaaaatcat ggaaactgca cattttgtgca ttaactatg taaacaacaa aaactggtca 240
 tccgtccaat tgttgtttca cttattttga attatagtgc aattttgtgg agggtgaaat 300

<210> 1212
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1212
 agggaaaata tgacaaacct caactatggg agttgtccac aatacaaaat tttgaaaaaa 60
 cattacatag tgataatata atacttggtt gttaggttg ttgcttcccc acatcagagg 120
 catctaata tttatctttt gtaattgctg tgaacttttt taaataagcc atttagtggtg 180
 aaattgtcat gtatcaaatg gctattggaa atggacttta ctcaatttta attccactgt 240
 aaataaggac ggagtcattc ctacaaggct ctcttcagag aaatagatta aaagtcacat 300

<210> 1213
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1213
 ctctcactag ccctgggcac ttcccactgc ctttgtggac ttctgtttgc tcttctgtag 60
 aatgggataa cagtgccagt cctgcttact atttaggggt atgtgatgct tgcagatgta 120
 cagggaaagc accgctgatg ggagctgctg aagtttctag gggagggtgaa ggtggcgctt 180
 cctcccctgg tctaagtggg agatggtgca gggagaggag aatttcattc tgtggcagca 240
 gctgatagat tccaggtctt taatactacc tgggaaacct taacaaagca gtcagtcacc 300

<210> 1214
 <211> 299
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(299)
 <223> n = A,T,C or G

<400> 1214
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 tatctccagt tggttgaatc cattgatgca gaaaccacgg atacggagag ctgactctgt 120
 gtgtgtgtgt gtatactcac caattcttta tttattnaac ngatatttat tgaatnttta 180
 ctatngggga ngnatanntn angagcntgn ntntanctta gncntcancc ntggcttann 240
 gcncnnggan tctnatgnag atccnaganc gntngnccnn atcacnntgc tttgcgctt 299

<210> 1215
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1215
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 tgataccatt tttcatgctg ttgaacttca tcttgtgttt ttccaggaag gtgttctaga 120

acttcttcca	taaagtgttg	cttcccttta	tgtttgtttc	tcacctttac	aaagttctgg	180
tgatcataat	catcccaggc	accttgctgc	cctcctgttt	gctgaaggaa	tttttcaaaa	240
tctagtacct	cttctggaag	agtacttggt	gttactttgt	ctacaggaac	tttgcttgag	300

<210> 1216

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1216

tggaacagga	gagtcgcatg	gaggtactgt	ttgcctgtgc	tgaggccctg	catgcgcatg	60
gctatagcag	tgaggcctcc	cgtctcactg	tggagcttgc	ccaggatctg	ctagccaacc	120
cacccgacct	caaggtagag	ccgccccctg	ccaagggcaa	gaagaacaag	gtatccacga	180
gccgtcagac	ctgggtggct	accaacaccc	tgagcaaggc	ggccttcctg	ttgacagtgc	240
taagtgcgag	tccagagcac	cacaacctgg	ccttccgagt	tggcatgttt	gccttggagc	300

<210> 1217

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1217

ggaaggaagg	ggcaggaccc	tccgacgggg	cagcagtggt	ccagggtgtc	cccctgcaca	60
gtgtttacac	cctgggacct	gccgcaaggc	atggctttca	gaagagcctc	cccccaagaa	120
atgtgcaga	caggacgggg	cttctagaga	ccttggtctc	taccaggaag	ggctgatcta	180
ttcttcgact	gttgcatcag	cttctcaac	ctctgcaggt	tcaggctgcg	agccctaggg	240
agcatcactc	aaagcaccct	gttggccact	taggatcagg	agggcctcgg	ctcacccaag	300

<210> 1218

<211> 290

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(290)

<223> n = A,T,C or G

<400> 1218

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gttgtgttgg	cacgcacctg	tagtcccagc	tacttgggag	cctgangcan	nanaatcgct	120
tgaacctntg	aagtngaggt	tnatagagnc	nnaaccngnc	nanngtactc	cagcntttnn	180
gacattancn	agattncggn	tnanaaatna	aaannccncc	ctttaaattc	tgtttttttt	240
tnncttnnng	gtnnnttttg	tggagtanat	tttnnmtttt	gnttctatta		290

<210> 1219

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1219

gctttttggg	acagtagaaa	ttttcacatt	aatactgtaa	attctgtacc	atattttgac	60
acctgctaca	tctgattcaa	atgcgggaaa	aaataccatg	tgtgcataat	gaaaaatcat	120
tcattttttc	ctttcttacc	ccagcaggaa	tagaaagcaa	ttccaagcca	ctctgcaaat	180
gtatccaagg	ttagagattc	gggagctggc	caacatctta	caccccaaat	gactgaagca	240
tttcagtagg	ctgactggct	cgaaataaca	atttaagaaa	gggggggaaa	aacctacagg	300

<210> 1220

<211> 300

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

<400> 1220
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 tccacccacc ttggtctccc aaaatgctgg cattataggt gtgagttacc actctgggcc 120
 aggattagaa ttcttgggtct cttaacctct cgttcagttt tttctctgct gactcacatg 180
 ccctccaaat gaataccgaa gttagatttt gcatattaaa ttgaaagaaa gttaaaagcc 240
 ttactacttt ctacttcagt gtagggngga tatgcnaagg ntccnagtc caaatngann 300

<210> 1221
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1221
 caaaagtaga cttttctcct cagcctccat ataattatgc tgtcacagct tcctcaagaa 60
 ttcacattta tggccgatac tccaagaac ctataaaaac cttttctcga tttaaagaca 120
 cagcactactg tgctactttt cgacaagatg gtagattgct tggggctggc agtgaagatg 180
 gtggagttca actttttgat ataagtggga gggctcccct caggcagttt gaaggccata 240
 caaaagcagt tcatacagta gatttttacag ctgacaaata tcacgtggtc tctggggctg 300

<210> 1222
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1222
 agatttcagt aaagctcggt cgttttgttt ggttttcttt ttacctagtt gctatagtgg 60
 ctacagtcta tactcaatac ctataaaatg cagtaagcat gtgttacaga aagaggttct 120
 ggtgggagag aaaggtgcgt gtgagacagg agaattgtct taagcatata aaacatgtat 180
 gattccagaa ttttagtatg ttttgtataa aactattttt cattacggag actagaagtg 240
 aacagagaat tacacaagtg tgactataca aattgtaaaa cagatactat aatatttctt 300

<210> 1223
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1223
 ctggcctctc tgaagactaa gggcctggtg ctgttttgggt tgtaaactgt gttccattaa 60
 gtggtacctc aaatgaaccg gacactaaat actcctccat tattatagat tctgcattgg 120
 atgtcacaga cattgatctg tgggaaatac tgtgtgctac tcctgagaaa accctatgag 180
 aaatttttaa cttttttgct gacaactatt tatgacttta ttcaacaaag tgaaacaaca 240
 tttggacgac tgttgctgtg tcttgaatgt cattcatggt cagccacaca aaaacactgc 300

<210> 1224
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1224
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 tgtcaacca gattggcttt cccactctac agtttctgta ggatgcatgt tttcaccatt 120
 atcaggcttc tgcagtgtc agagggcagc aatacccagc aaccagtgc ccgaggccag 180
 caacttcttt tacttcccc tcagttggat ttgtaacaga gtatctttgg tgggacactt 240
 ctgtgtgaag agattttact agcacccata agaatggatt tctggcaagt tccacaaggt 300

<210> 1225

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1225

gctgctgggc	ctggaagtcc	agggtggggcc	actcgctaata	tctcatgtgt	tgctccggcc	60
cctccagctg	cagggtgggtg	tggagtttga	ggccagcaca	aggatgcagg	acaccagcgt	120
ctccttcggg	taccagctgg	acctgcccaa	ggccaacctc	ctcttcaaag	gtaaagggtct	180
cggttcccct	acgcgggaaa	caggcaggag	gtgactcaac	tctgagtggg	tgtgtggggc	240
accacaggtg	ctggaggaca	gtgtgctgcc	accctgtggg	cctccacatt	accggggaac	300

<210> 1226

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1226

attctcccaa	aaaggttcat	cccgagaaca	ctgaagaata	atTTTTggga	atgttaatga	60
tgtgccacaa	aaattagtat	tttatgatca	aatgaatttg	ctttataata	ttttatctaa	120
atattcatgc	tcctgaagac	tcacaaaata	aaggaaactt	tatccagctt	tttccagaat	180
ttacttgcac	atagactcca	tttatatagc	atgcctattg	aactctgtaa	atagtgcagt	240
tcaggaaaga	tagcagtgtg	ggaaatgtca	ctctaattgt	catatacgtt	tatcccatgg	300

<210> 1227

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1227

gaatcttcct	taaagtccag	agtctcccg	aacatggaga	ctgtccttcc	caagccttct	60
cgcggggagg	gaattccttc	tttctgccgc	ctgttacatc	cctgtgtgag	aagggtctgtg	120
agctgagccc	acatcactcg	ttctgctgcc	cagggtgtgt	tccatcttca	ctgtggaaaa	180
gtcattttga	actccccgga	gactgcaaat	taagtaatca	aggacagatg	ggactggggt	240
gaccattcca	aggagtacag	ttacttgaag	aatctggaag	caataccgag	cacatttgtt	300

<210> 1228

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1228

ctgaataaca	acctaactac	taccctcaa	cctcaccccc	accccaggaa	aagtaagtct	60
ttttctaacg	atccaccaga	ttagggttac	atttaacagt	aactagaaag	gttaatttta	120
accttaatca	gaaagattaa	tttctgtcct	ttcagtcttc	tttctgtgct	cataaataag	180
cattgtttct	tttaatcaac	ctgggcagta	tctttctcat	tttaacagtt	gtctagagct	240
cagttgtccc	agcattttatt	tcactgggtcc	ctgatggatg	gaggggtggtg	ttgcttcagt	300

<210> 1229

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1229

gtcatgcagg	aaaacatgga	gagagttttt	attccagctt	caaataagga	atcacttagt	60
aaagttcatt	ctttctagta	cctacattct	ccaagtaatc	tgctcttttc	agtgcctgaa	120
gtaaatcttg	gttaacagct	gaggagtagt	attactgcaa	gtgttcgtca	cttggttgctg	180
tatacatctg	tcagtcttat	caaggaaatg	tggaatgggtg	aatctgcttt	acaatgagta	240
tgccatagaac	tcagaatctt	attttattta	aaacattgat	ctcgttttat	tttattgaga	300

<210> 1230

<211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1230
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 cagtgtgtgc tgatgacaca tacacacctg acaatagctt gagtcttctc tggtcctttt 120
 actctgtagc caacatacac atgattttaa accctttcta aatatctatc atgggttcac 180
 cttgtccaat gcagagtcag agctatttgt acttcattac tattcgctt ggaaataata 240
 atgaagtaca aatagttggc tttctttttg caaaaataat taaagttttt gtatgttgca 300

<210> 1231
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1231
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 ccagccggtc aggcctgccc cacatgact cccagctgga gcatcgcccc agccagagga 120
 gcagctcccc tgtgggcctt gccaaatggt ttggctcaga tgtgtacag caaccctgc 180
 cctccatgcc cgccaaagt atcagtgtag atgaattgga ataccgacag tgagcagggc 240
 aggcagactc aactaagccc ggacctgtgg tggcacactg ggcaggacct tgcttcatct 300

<210> 1232
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1232
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 ctttttattt ggccagtgtg aaatagcagt tattgcaaga acaaaggat taaagcatct 120
 gaagacctt gtttgagttc tgccacttta gtagtgatac atctcagaga tcaacctctt 180
 taatgcctgt ctttgttccc tggaacagag tttgtgttc ctttgtgtt acaacagaac 240
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<210> 1233
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1233
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 gcccttgga tgtcaatggc ctggtctaca ttgagaatga agactgagaa agggcttcct 180
 gagggacaga gagctgcagg tgatcaagga cactcaatgg gtctctgagg gaaaagaaga 240
 ccaaagaatt agggagtagc tagcagaaaa tggaggcatg acactaaaca cagactgaaa 300

<210> 1234
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1234
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 catttctctg gaaatgtttg tgaaaaggta aagataactt ccttagtgta attgtgttga 120
 agtggaaatg ttctagtgtt tgtgaagata tcaattgctg gctgatattt taagctggat 180
 gaaaaatgtg ggtgaagtaa tcttaaaggg tgatagattt gatatgagaa atttaaagta 240
 atgtgctcag tgcgtagtgg tgataaaaaga atgtagccta cttgttttcc atagactata 300

<210> 1235
 <211> 300

<212> DNA
 <213> Homo sapiens

<400> 1235
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 atcagcacag atgggcatgt tgtgtgcccc caggcgacta tctgtgcatc agatatggtt 120
 gctgaagtca caattcactg atggaaaagt tgaaacagct ggctgtcctg aaacaggaga 180
 tgtgccattg atagatctac tggatccaga gtgatttggc caaagttaat cttttctttc 240
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<210> 1236
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1236
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 ccaaacatac caagcaacag acagaagcgt cacttggaga gaagaagaaa gggttaactg 120
 gcagagctac tgtaaaagaa ggatagagga gggtaagttt gaaagtggcc atgggcaaga 180
 attttctcca gatagctctt gattataatc tctctcacct ggattatttc ccatctcctg 240
 acagtttggt ctcacataac tatcagcagt cctctcaaca cagaatcaga ccatgtctct 300

<210> 1237
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1237
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 aacttattta aatccatgta actgaactaa taataccagc tgcagtttta tcttggtgtg 120
 aaggactacc atgatgggaa aaaataagag gaaaccttac cctccccacac attcccatat 180
 gaccagcagc ataagggtc caggttacca cagtatccat catttgtctt atggccaccc 240
 aagtacacct gtttacatga cttactgggc ctgtgtagaa attgcagttt gtgataggat 300

<210> 1238
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1238
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 gttcaggtct ggggtggcatc ctgagaaaag gagcaaggca gtgtggtgat gccaggtgca 120
 agaagttggg ggtgtccaga gggaagtgag atgctctgca aaaaagtcag agggcatctc 180
 agaaaataga gccacttttc ttgatttccc agaaatagtc actcactcaa agcccttgta 240
 tgtgcagcag atttcactga tgctttaagg aggagtttat gctgcaaaaa agcaagctat 300

<210> 1239
 <211> 230
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(230)
 <223> n = A,T,C or G

<400> 1239
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 catctctgac tcggaagggg cttgttcgag ttgtattttt tccattgttc agcaattggt 180
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<210> 1240

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1240

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tataaaggaa	agagaaaaaa	taggactgtg	gcttagtttg	ggctctgttg	actgactata	180
aaagtgagcc	aatcacatag	taattttctg	acaaaataga	gtttagggtta	aggcttaggt	240
caaggctgta	ctttgtgtta	atagtattat	aatgagcaaa	ttaatagaaa	caagaaaaca	300

<210> 1241

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1241

gggatttgaa	tgcccatgaa	agacatttta	ttttacttga	atatattcct	gcttcacttt	60
accctccata	atatgttgta	cattagtgtc	gatcaagttt	acagagttac	attttgcttt	120
cctaaccatt	cagtcaggaa	ttaaaatattg	gcattgtata	acaactggga	agaagctcat	180
agtggatata	aattagagta	gataatgggt	caccttgata	gcctctgttt	acattacttg	240
tatatgggca	aaataattat	tacctatacg	tgtatttaag	cttaattttc	atataaacag	300

<210> 1242

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1242

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cacttgagcc	caagaatttg	agaccagcct	gggtaactta	gtgagaccct	gtttctaaaa	120
ataaatagac	agatgataga	tagtcagata	gagagagaga	gagagatgat	atagatatag	180
atagatagat	agaatgttct	ctacccaag	ggtggagaaa	gacttgagca	aagacacaga	240
ggccacatgg	attaaaagga	ggaggagaag	ccctgtgttt	gcagggatga	atggcctatg	300

<210> 1243

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1243

cggcggccgg	gggtaacgca	cagagagcca	gccgggccc	tatctgggcc	gtaccgtgct	60
ggtggctggg	gcaccggcct	gcgccatggc	caggcctttt	tctctagtca	ggaccgtccg	120
gatggggcct	tagggccccg	ccccgtctag	cctggccccg	cctgcgcgag	ccccgcaagc	180
tctgcaggct	ggctagcggg	cagaccccag	ccccacgtcc	tgctaccac	ctacgaagga	240
tccgggggatg	ggcagcgcca	cccggcccgc	tccagagtca	gcatgggtct	ccgtgaggcc	300

<210> 1244

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1244

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gctcagccct	ggccaggtcc	agaccttcc	gctgtgggga	gcaggggccc	tggctcgtcta	120
ctggctgctg	tctctgctcc	tgggttggt	cctggccttg	ctggggcgga	tctgtgggg	180
cctgaagctt	gtcatcttcc	tggccggctt	cgtggccctg	atgaggtcgg	tgcccgaacc	240
ttccacccgg	gccctgctac	tcttggcctt	gctgatcctc	tacgcctgc	tgagccggct	300

<210> 1245
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1245
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 tgagggtggag gtgatcagcc ggcacttgcc cgccttggg cttaggaacc ggggcaagg 120
 cgtccgagcc gtgttgagcc tctgtcagca gacttccagg agtcagccgc cgggtccgagc 180
 cttcctgctc atctccaccc tgaaggacaa gcgcgggacc cgctatgagg tgcgtgaagt 240
 gggcaggccc tgtcagtcct gcgttcttct tggagccga gacgcgggcc accctcggtc 300

<210> 1246
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1246
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 aaagttcgct ttgaagaatt gcttaagacc cacagtgatc taatgcgtga aaagaaaaaa 120
 ctgaagaaaa aacttgtcag gtctgaagaa aacatctcac ctgacactat tagaagcaat 180
 cttcactata tgaagaaac tacaagtgat gatcccgaca ctattagaag caatcttccc 240
 catattaaag aaactacaag tgatgatgta agtgctgcta acactaacia cctgaagaag 300

<210> 1247
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1247
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 ctttggggct taggaaccgg ggcaaggcg tccgagccgt gttgagcctc tgtcagcaga 120
 cttccaggag tcagccgccc gtccgagcct tctgtctcat ctccaccctg aaggacaagc 180
 gcgggacccc ctatgagcta agggagaaca ttgagcaatt cttcaccaa tttgtagatg 240
 aggggaaagc cactgttcgg ttaaaggagc ctctgtgga tatctgtcta agtaaggatt 300

<210> 1248
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1248
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 gtgggtactg tataacatgg cttcatttta ctggagaatt aagaatgagc catatcaggt 120
 agtagaatgt gccatgcgag cacttcactt ctcttccagg cacaataaag acattgcctt 180
 ggtcaacctg gcaaagcttc tacacagagc acacttctct gctgatgctg ctgtcgtggt 240
 ccatgcagct ctggatgaca gtgacttctt caccagctat tacactttgg ggaatatata 300

<210> 1249
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1249
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 ccagcagctt ttaaatgttt tcacatcggt tgttccaaaa ataactggtt agcctaagtc 120
 acttccaccc tccaatgttg tgaatgcagt ctctagcatt cgctatttaa tgtcttcttc 180
 ctgcactatt tgagaaatcg cgaggtcgac ttaataccgc agtcgccact tcgcggaccg 240
 gaggggcgag tctgcttagt tctgaggact gcgtgggtcc gcgcagagag ctctgtctag 300

<210> 1250

<211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1250
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 agcaaggaga gggccgtggt ggtggcctgg gaaaggcggc tgatggtggt gggcgatgca 120
 cccgagagca tccagtttgt gctggatgag gactcctacc tgggtgcctga gctcgatggg 180
 gtccgcatct tctcccgag caccacagag ttcttgcag aggttccagc ggccagcgag 240
 gaaatcttca aaattgcctc aatggccccc ggggcgctgc tcttggaggc tcagaaggag 300

<210> 1251
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1251
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 aatgaagggg gttaagcctg ggagtgaaca gatcagacgt gcttttttag caagatcatt 120
 ctggatctct gtggaaactg ccttgtggtg atgagagcaa accctgagac cactggggtc 180
 cctgagctga taagcacaa ggcagtgggc cggagagagg agagatgttt aagagggtgtc 240
 ctgggttggg tgcggtggct cacgcctgtg atcccagcac tttgggaggc cgaggcaggt 300

<210> 1252
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1252
 cttctgtgtg tgttccctca ctttccattt aagtttcagc ctttatctat gtccttttgg 60
 gtgtctgcca tgctgatgat agagctcatc agtctttgat aaatactgtt aggtccttaa 120
 gtgattttct gtgaaatctt acgcatagga tttctgtggt caggggttga cgtctgatct 180
 tgttcgtcag ctccccctgc tcaagaatgc aagtgcatta cctcttaa at tttaaaagct 240
 ggtaaaactta ataggaagtg cttctttata ttgcaggtgc taaacttaag gagccatta 300

<210> 1253
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1253
 gtcatgcccg gctaattttt gtatttttgt agatacaggg ttccaccatg ttggccaggc 60
 tggctctgaa ctctgacct caggtgatca cccgcctcgg cctcccaaag tgctgggatt 120
 acaggcgtga gccactgtga cgggccttac atgcaatttt tatttatagc cagtattaga 180
 gaattactag gaaatttcat ttttatattt agtgggagaa agccatctac agcatgtctt 240
 caagcatgga ctatctgtaa catacagtgt gcttgctttt gaattgtttt agtggttaaat 300

<210> 1254
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1254
 aggagatagg gacagagcat cctaagattc aggagagcat tctagtcaca gggagcagtg 60
 aattcagagg cccaaggta ggaggaggtt tggctgtgcc aaggaaagca agaaggctag 120
 tgcagctgag gcagagtaag taggaaggag agaggtcagg gctgagatca gggaggtagt 180
 ctgaggcccc tctgtggggg acctgataaa tgtgtttgaa ttcattttga agtgtaatat 240
 gtccatatta gaagcagaaa ctagaaaagg agttaggctg ataaacatag ggatcataac 300

<210> 1255
 <211> 300

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<212> DNA
<213> Homo sapiens

<400> 1255
cctagttatg ctataatcaa gcaggaaatg tttatggaat ggaaagatta aggagggggg      60
tatgttctta ttttagcaat aaaacgaata ccagaagctt taacattcac cagtacaaat      120
aaatagtttc aatggaatag gtcgaaagta aagggacatc actagagtaa atgctagacc      180
ttccctctcc ttttattttt agcaacagca aagcagaaac taagatctac aagtgatcaa      240
agaggggtgat ccattcagtt tctgtgtaga caggaataat aataatacct tttacatatt      300

<210> 1256
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1256
gtttcttttt ttcagagttt tgctgctaag aatatctcct caacatttga cttcattgtg      60
gccataatag gtctctgaat tgattcagac attcacacag cttgaagaag atctaaaaga      120
tgaagatgag tcattgagaa gcaccaacaa agtaaacaga acgaaagttt cagtcccgga      180
tgcaaatgga ccctcagtgg gggagatacc ccagagtga ctcattctgt atttatcagc      240
ttgcaaattc ttggacacag cgctttcttt tccaacctgac aagatgccat tatttcaaat      300

<210> 1257
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1257
gctgtacgga gagtgctgga ccgaggggag ctgggagcag gtactgcctc catcctgagc      60
tgccgtcctt tgaagggaga acctggggta gggttcgagg agcctggcga gaactgtgca      120
cctcctcggg aggagcagcc ccctcctgtg ctgctttccc cctcccttca atatgctggg      180
gcggagaccc tggcctccaa agtgcaattc cgggacccca aatcccagcg gacgcaccag      240
gctcaggtgg cgttccaggt gtgtgtgctg cctggctcct acaccccggg acccccttcc      300

<210> 1258
<211> 300
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(300)
<223> n = A,T,C or G

<400> 1258
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agatagaacg atttcacaga taatccatag tgatactcag ctaacgggtg gtactgccaa      120
gacttgaacc caccattctt gnaacttcct tgatatctct aattatgggt taggtctgcc      180
agtttggtat ggagcagaaa agaagatgta agctttctgg aggtagtagc tgctacaggc      240
atacantata tnatctcang caatagcaag tccaagtagg actgatacag tatacacaaa      300

<210> 1259
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1259
cactacatga agtccggggg ttgggtaaaa tatctgtcct atttatgaaa ggctgaaaag      60
agaaaagagc tattcactac ccgagactat aagttttagc tgataaaaac acagcctcat      120
caatagctat tgaatgaagc cacttgctga gtcagtaact gaatgtctat gtatgatatt      180
tccagtatca tgattaaaat ggagccccga aatgtcatta taaggcctag ttgtggactg      240

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ggggcccaga tggccaagtg ggagcaactc tgaaaccatt aaataggagg agagagagaa 300

<210> 1260

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1260

catagacaaa	ctacgtatca	agcactgtgc	cagacactga	gtacactatg	gtgaataata	60
aaagtctagg	ggtctcagcc	agtataattc	ataatccagt	gagagacaaa	aacatgtaca	120
caggctgtga	tgagtactgt	acattggcaa	atgtgccatg	ctactagggg	atggatgaga	180
tcacagttta	agcttgggaa	gaatgagtga	gacttggcaa	agaagggggg	acaagaatat	240
tatcataaga	gtgaagaaag	ttgggggacc	tcaagtgtaa	gagaagagaa	gaacttgctg	300

<210> 1261

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1261

atgactacca	ttatTTTTct	tccttctatt	ggtttaaaat	atacttatct	cttccactgt	60
atgttcctgt	gttttattgc	atgggaaaag	gtaataagtg	tcatcaataa	cagccatctt	120
aacatgctgc	aggaactgtc	aagtaacagt	gattattgta	aaaaacgagc	tttctaattt	180
ccttgctgct	tacagagtaa	tctaagttaa	aatttccaac	gtcctatctt	tacaaagaaa	240
caaatacatt	tatTTTTtcc	tctaattggaa	gaacttatgt	acatgattcc	tacttgatgg	300

<210> 1262

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1262

cccacacctg	ccatattgaa	ccgtttctgc	actaatcttc	tccacgggca	cggagtggag	60
ggaacgtctt	gggaaagggg	agagcttgac	ctccatctag	gtttctttta	tctggagaaa	120
aagaacactt	ttgaactatg	taatgcttcg	ccctgaaagg	caagctaacg	ctaacttccc	180
agtgacagtg	agcaggaaca	aggaagggta	atgtttccat	gacagacact	tgcttcctt	240
gggacaagtc	ccagaagaac	tacctgaagc	accaaagctc	cccacccag	cctgggtggca	300

<210> 1263

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1263

actTTTTttaa	cgaatggggg	aagggatcta	tgagaaaggt	ggtatctaata	TTTTTtatgg	60
accataaagg	tttaaaagaa	aataggggca	caggctgttg	aggTTTTtat	gttgTTtatag	120
acctTTTTtaa	attatgttag	agatgtatat	aggTatttaa	aggTcactgg	gagcgTTtct	180
gattcccggc	cacactttgc	atttcaacac	tcagcccgga	aagatgctcg	ttcggttggt	240
ggacctcttt	cactccctgc	gtgtaagaag	gtgaatcacg	tgggaaaaag	tgatccttag	300

<210> 1264

<211> 298

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(298)

<223> n = A,T,C or G

<400> 1264

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gtataggcat	ctgggtgttc	agcatacata	actgaagcat	gtgaaacagt	atcatcctcg	180
ttagtagagg	aaaaccaaaa	cccttctttc	cgtcaaaatt	ggatttgtaa	ttaaatgtga	240
agcctcgtag	gatgtatgtt	ggagatttta	agtctttcct	tcggttctat	gcaaaaaa	298

<210> 1265

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1265

tcctggtgtc	aaacactata	aacctttgac	cagctgagct	gtgactgctg	tcacatatct	60
gagtcctgtg	tgcacagtaa	tatcctgggt	caggtaaaat	ccagggtcttc	aagttttaag	120
gattttttga	agaattcggg	cttctttaag	acgatccatg	cccaaattcca	caagcttggt	180
gacagtggat	tacagtttgt	gtggcaaagt	ccaagttggt	acactgtgct	ttaaaaaaaaa	240
tcttatctgc	atgtattgtt	aacttagaga	ccatgagatc	tatttatcag	gaccaggaag	300

<210> 1266

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1266

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ttgtgatggt	tgtgtctcac	gtgtccgtgt	gaagagacca	ccaaacaggc	tttgtgtgac	180
agggcaagg	tagaaatcat	gttccagaac	tcagtgaag	ttgtaggcat	gaaagaggag	240
ccttctcaac	aggagctgtg	gccaaacaag	aaacaaggca	ggtaagaagt	ttgatagctg	300

<210> 1267

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1267

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gaaccatctg	gaattcacag	gcctgtcatg	agagacacga	tgagaagtcc	ttaaaggtag	120
atcactgatt	cacaggggag	caggcggagg	caagggtgag	tcagtgcttg	gaactcagtc	180
atccagattt	ggctctggaa	acttctgaag	ctgtagcctt	tggggatccc	tgactgcgag	240
tacaggaagc	caacgctatg	tgggtctctg	gaaactcatt	atctttttca	ctggtgctat	300

<210> 1268

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1268

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cggcagggga	gcagctgcag	cagcaacacg	tctcttgcca	ggtcttcccc	gagcgtctgg	120
cccaggggaa	tccccagcaa	gggttcttct	ccagcttctt	caccagcaac	cagaagtgcc	180
agcttaggct	cctgaagacg	ctggagacaa	atccatatgt	caaacttctg	cttgatgcta	240
tgaaacactc	aggttgtgct	gttaacaaaag	atagacactt	ttcttgcgaa	gactgtaatg	300

<210> 1269

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(300)
 <223> n = A,T,C or G

<400> 1269
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 naaatacaga aattagccgg gcatggtgtc gcgtgcctgt agtcccagct cctcaggctg 120
 ctgaggcagg cgaattgctt gaacctggga ggcagaagtt gtggtgagcc gagattgtgc 180
 actccagcct gggtaacaga gcgagactcc atctcaaaaa aaaaacaaac caaaaccaag 240
 ttcccactgg tgatgcctgt ctgacacgtt ttggtattta gtaggaaatg aagtgtttcg 300

<210> 1270
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1270
 ccgactactt gtgcagtttg ccctgctgag ccctcctcgc cccgggaggc agaaggggag 60
 gggtcctcag caatatgctg agcacctcct aaacaacatc acctgaaaaa ggaacctaga 120
 ggagagccat tctcaaactc gatcctggac tgagctcgag agctgggttg agagctgggt 180
 tgatcaaagt tgggattttg ctattattgt gacaaagggc ccagccttgc agtccagatc 240
 ctgaaaggcc tgggacaagg ccaggtaatt tggggagtcc gtctgcatt gtgcaggatg 300

<210> 1271
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1271
 cttgtcccca tggtcagagg agaccagct gtctctgacc cccttgacaga tgagtatcac 60
 cccatctttt ctttccactt gttttttatt tttatttttt tttgagacag agtctcactg 120
 tcaccagggc tgaactgcag tgggtgtgat taggctcact gcaacctcca cctcccaggc 180
 tcaagcaatt atcctgcctc aggtcccca gtagctggga ttacaggcat gtgcaactca 240
 cccagctaatt tttgaatttt tagtagagac agggtttcac catgttgaggc aggtcgtctc 300

<210> 1272
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1272
 aacatctcct cttgtcattc ctaggacata gacgggttagg gaaactctca tctttccttc 60
 accacctcat gagtctaaaa acaatgataa acccaggga gcttgctgaa gagcatcctc 120
 catttggtta ttgctctttg tctaggaaaa tcagactcag ctgtgaattg tggaccaagt 180
 ggtgcagaac tcattacttt gaacaatgcc tctcggcct gggaagcatg ttctctcttc 240
 tcactagcag gggcttattc caggctgggt ttggtcacia ggaaaatcat ttagacacag 300

<210> 1273
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1273
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 tgggtgaatg tttttatata tcaactcaact tccctcgtcc taaaaggaca cctaattttg 120
 ttactattga aaatttttat tttggtggcc agaatacgaa atcgggagag gtaacccaaa 180
 cagttgtctt aggaaaaggc agattctcag aggcaatggg ctatcaacaa aataggtgct 240
 aagcacattt gtttgtaatg atcattcata taatttagaa gatttatggt aacagtttat 300

<210> 1274
 <211> 300
 <212> DNA

<213> Homo sapiens

<400> 1274

ctgggagcga	gacggtggcc	cgccccagcc	ccatgggccca	caccggctgg	tgagacgaga	60
ggatggggca	gcaggggacc	gggacctgcg	ggcagctgtg	gtgatcagga	cgctgaggag	120
ccaggaggcc	tgcttgagg	cggtgctacg	tcgactacag	ggacagtgtc	ggcaggaact	180
ggccaggctg	gtgggagccc	gccctggtct	catctggatc	ccgccacctg	gacgctgagg	240
gcctgtcgac	gggccctcgt	gtgggaagcc	tgccctggcc	cagcctggct	gggtcttggg	300

<210> 1275

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1275

actgtggaga	gatctcagtt	tttctatctg	taattgctca	tattttgaat	gctaagtttt	60
catcaaccat	aatttttacg	tgctctaata	tgtttcttca	cagattcatg	ccatgttcag	120
tttaaaagag	tcctgttctt	ttaatacatt	atctttgaaa	tgctctttac	tgaggaatga	180
ctaaacttct	tctgaaatgt	gctctctgga	ttgaagtcaa	gagtacatgt	tgcaacaaag	240
ataatcatga	cttttagtat	taagagacaa	ttaccagatt	gagtgtctact	tagaaaagtt	300

<210> 1276

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1276

aaatgctgaa	tattggtaac	aagcaacagg	ggaaacaagg	cagtctgagc	acacagaact	60
caagtcctcc	taatgggatc	ccagaatgcc	catggaggaa	gcagcatgtg	cactgtgctg	120
agtgtgagc	aggatttcaa	gagagcaaag	gcagagatgc	tggaacaggc	agcacaggag	180
gacgagtgtg	catggtcact	ctgagcaggg	ctggttcctg	ggctgggttg	agcacagcat	240
ggggaactga	aaggcagaca	ctggccaaga	aagtccttgt	gcagggcttc	agaagtgagc	300

<210> 1277

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1277

gttactttct	ttctcacaca	aaggaaaaaa	gagactatct	ttaggaaaca	ctgctttaaa	60
tcattcttct	tgaatattaa	ttctctgttg	cttctctcaa	aaatggagaa	aataatccct	120
accctcatag	gcttattata	aggctcaatt	atgataatgg	tgtgaaaact	ttgaaaatta	180
gacttcagag	aaattgagtt	aatctgggat	tatttatcaa	tgtcttagta	accaaagtt	240
taaaatgtgt	tttgtctacc	aactgggtgc	atgtacatgg	ttaatccaaa	aggctcagct	300

<210> 1278

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1278

agacaacggg	aggggtcagg	tgtagtgagc	aggagatgac	catcctcaac	ctcgccaggc	60
caaatctcaa	cccaacaac	aattgttatt	tttgtacatt	cccttccaga	ccccatttgc	120
gagctctact	gcattgccta	tttgcaaatc	ctagtagcac	aagaggacaa	ccacaaacaa	180
cctgacattc	gaagtcacac	aagcgcaagt	ttttcccatc	atgcctagtt	ggcaatcatc	240
ggctgagcag	taaatcagaa	ttttgtcccg	aatgttactc	acctgttagt	cgcagccctc	300

<210> 1279

<211> 280

<212> DNA

<213> Homo sapiens

<400> 1279
gaggagttaa attttgaagc tctttgagaa aggtaccttt tcttaacatg ttttataaat 60
aaaaatacaa tggcttattt aaaatgtccc tatgcatggg gaaatgttaa ataccaagtg 120
gatgaatggg tctcaaatat attgtaatgg agaattattc acatgcatct attgtttaaa 180
ctaataagta aaatagactt cctttttctg ttctgtttta aatgtgcact aaaattacct 240
gcttgtgggt aagcatgggc tggacagttt attgattttt 280

<210> 1280
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1280
ccttgaattc ctgggcccaa gcaattctcc cacctcagcc tcctgagtag ctgggactac 60
aagtgtgcac caccatgcct ggctaatttt ttgaattttt gtagtgatgg gatctcgctc 120
tggtgcccag ggtgggtctg aactcctggc ctcaagcgat cctcccacct cgacctccca 180
aagtgtggg attacaggtg tgagccacct cgcctgggccc cccttctcca tatgcctcca 240
aaaacatgtc cctggagagt agcctgctcc cacactgtca ctggatgtca tggggacaat 300

<210> 1281
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1281
cagtggcact tgggacttct atggcagctc tgtttgtgaa ccagatgatg aaagtggcta 60
tgatgtttta gccaaacccc caggaccaga agaccaggat gatgatgacg atgcctatag 120
cgatgtgttt gaatttgaat ttccagagac cccctcttta ccgtgttata acatccaagt 180
atctgtggct cagggggcac gaaactggct actgctttcg gatgtcctta agaaattgaa 240
aatgtcctcc cgcataattt gctgcaattt tccaaacgtg gaaattgtca ccattgcaga 300

<210> 1282
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1282
acacagccct gggcaggaag ggaggcagga agagagatcc tcaggggctg ggctggagga 60
gcaaagccag ccaaagggga gtgagagggc agtcaagcgc ctagaagcca aggaacccca 120
ggaggatggc atcgggcagg tgccctcctgg tgcccagaga caaaaagatg tgtgggaagg 180
tgacagaatc aagcggtaag gtcagtgtt tgaggagca ggcaaccacc agcctccagt 240
gacacttgcc ttccacaggg atcctggagg tccccattg ggaagggtga aaatctcagt 300

<210> 1283
<211> 296
<212> DNA
<213> Homo sapiens

<400> 1283
gtctgtgat aaaatattta accccaagaa agtgaaaact aatataaaat tagaaagacc 60
tatccaaatt agacagtcaa ttccattaaa ataagaagtg agaaaaacaa tgttgggcat 120
tgaggtgtaa attttgcaca gatgtatacc cagtgtgaaa tatcttctaa taaaaatata 180
tttggctctt atccctgcac atgtagaggc ataaaaattg gtaaacatgt cccgctgtgt 240
agaactttta aaaaaaggca tttttgaaag tgttgagtgg cactgataaa ctgggtg 296

<210> 1284
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1284
 cgtctacatc caggcctccg agtgacggac ctgaggtgtc tgtttcctgg gcaggcctga 60
 tgctcctgtt tgggtccagg gccctctggg gcagaccggt gatccttacc agtgggaagcg 120
 agccatcgag ccattggcag aaatcctgct gaatgtcatt cagaaacctc agcccatggt 180
 cgccctcctg tgccctctc ctgccggaaa gccctgcaac attctagggt tgggggcagg 240
 gccatccacg gtttctgggc agagccatgg tggcaggaga gagatggctg aagcctgagc 300

<210> 1285

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1285
 atcaccttgg agctccttga gtgagttctg atcaagccat tacactcttt tcatgtagac 60
 ctgcctgtaa gtgtagacat gcacactcag ctgaccttac tgttcaaaag ctggagaaaa 120
 agaaacagct ttcatacagt gcaaaactgtc tacgtctatg taaaagaatt tgagaaacat 180
 ggagtagcc attgctaatt aatctgggta tgtgtaaata gtttaacttg atttttgact 240
 ctggtggttg gatctatttt aagatcgatg gagttaaattg cttcatgaca gttcttatga 300

<210> 1286

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1286
 cggacccatc ggagcgtaac ctggatctcc gcaggcctgg cggaggccgg ccacctggag 60
 gggcattgct tggttcgcgt ggtagcagag gagcttgaga atgttcgcat cttaccacat 120
 acagttcttt acatggctga ttcagaaact ttcattagtc tggagagtg tcgtggccat 180
 aagagagcaa ggaaaagaac tagtatggaa acagcacttg cccttgagaa gctattcccc 240
 aaacaatgcc aagtccttgg gattgtgacc ccaggaattg tagtgactcc aatgggatca 300

<210> 1287

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1287
 ggccatttcc ccagcaatta cttagataat agggggactg ggttgggtgg gaggaggtgt 60
 tcattctctc taaaccatcc tgccctgaac cgccattcct tcttccatct ccagagctgg 120
 gctccggatg gggaaggaaa aggtctggtt gcctaaccac ctcccttctc atccaaccct 180
 gaaaccccca ggatgtggaa gaaaaacagg tagcattttg ctttcataat gcaaagacct 240
 aaagatgcat ctgtgtttgt caggcatgta tgcattgtgt cctgggtgtg cacatgtgcg 300

<210> 1288

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1288
 aacatgaggg ccctctatgc cagaagtga ttcattctcac aaaacatgtt gactctagac 60
 tgggtgcctcc tccagctact actaccccca ttagtcacct agtaaaaaat gacgacattt 120
 catcacctgc acatgaaccg ctttcccccc atttcttaat catgaatttc tgtgtcttaa 180
 attattaatg gctaagacta ggtctggcag ttaatttctc tctcctggat ttttgccca 240
 actcgagtat ttttgaaaaa ccgacacagt attttagggg agcccaaaaa ccatgatggg 300

<210> 1289

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1289

atggaatgtg	cgttccaccc	cctgttcagt	ctcaccagtg	gggcctgccg	gctggattac	60
cgcagacccg	agaacaggag	cttctacctg	gccctctaca	agcagatgag	cttcctggag	120
aagcgaggct	gcccgcgcac	ggcgctggag	tactgcaagc	tcatcctgag	tctcgagccg	180
gatgaggacc	ccctctgcat	gctgctgctc	atcgaccacc	tggccttgcg	ggcccggaac	240
tacgagtacc	tgatccgcct	cttccaggag	tgggaggctc	atcggaacct	gtcccagctc	300

<210> 1290

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1290

ctggtcaggg	tttgactcag	gaagctgagt	tccagcttgt	ttccttgcca	gcactgccaa	60
agagttagac	caagctgcag	cttttgaggt	gaaaggggat	ggaagaaagt	actgttactt	120
ttccacttag	aatttttggg	ctttgttctt	aatgaatagg	ttcattttca	atttcaaagc	180
aaagtgttaa	catttttgaa	atttgtctca	attctaaagg	ccaaacttaa	atatgtctcc	240
tcctactggg	gcatggagca	agttattcat	caaatacaga	ttctcgcatg	gaaaagaaag	300

<210> 1291

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1291

gttttataca	ttttatgttc	tttgcaaaac	tggagcccca	gaaagaatac	aaagtgaagt	60
tctgttccca	cttctcccag	aatagcctag	gatgggcaac	catgtaaaat	tcaataaaaa	120
tccaaccttc	taactaactc	gtggtgttgg	agagtattaa	gcatttgaaa	agttcaggta	180
gaattttcat	cctttttgag	ctctttccta	gctgctttgc	tgtgatatat	ctgtcactcc	240
agatgagggg	gtagtggtgg	aaaaggaatg	cattctcaga	ttcattgttg	gtagttcaaa	300

<210> 1292

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1292

aggtaggcac	ctggcatgtc	agttgcctga	atttgaaagt	tttcacctgt	atgttttggg	60
acgataaaaa	taaaaatgta	atttatatat	ctgaatcagg	tctgtatgtt	atgatcaatt	120
gctcagcaat	ttcgggcagt	tggtttgatg	gttatgtagt	aatgtagcct	gagagcagaa	180
atacagagcc	tctgggctag	agaaagtata	aatggcatcc	taggctatgt	agggttacag	240
ctcttcagaa	ggaactttca	ttttcattgt	gacacatcgt	ctacatgttg	tagaagaaca	300

<210> 1293

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1293

gttgtaacaa	taaagtttgc	aacctacagc	aatagccagt	caataaagga	aatgatgctg	60
atgtagcatt	tatgagcctt	aaaaaacaaa	caaaaaacct	taagatgtta	aattttattcc	120
aaggattctt	tttttttgtt	gtacatgaat	gttcatatca	ggttttatttg	taatagccaa	180
aacagtatac	acctgaatgc	ccaccaacaa	gtgactagat	aagcaaagta	cggtagatgg	240
atatgatgga	ctacctcaga	gcaataaaaa	agaatggact	attgatacat	gctacaacat	300

<210> 1294

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1294

gtttccttct	gttgctcctgt	gcattataat	atacaaaata	actttatttg	atgatcagag	60
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gtcttgaggt	cttgacctct	tgacatatac	actgaaaaaa	atggggggtg	tatgtatgtg	120
tgctctaccc	aaacctgtgg	ccgccacttt	tgaattctca	gattgccctg	aattttgcca	180
cttttaata	atgtgctgaa	taagctcagc	aactaaaaac	cattacccaa	gaacgtttct	240
tgtgagtgag	ctgatttatt	ctgattcatt	atattccttt	tggtagattt	tatacccctt	300

<210> 1295

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1295

acggagttga	ggtgctaact	tttttccttt	tcctcagttt	ccagatgagt	ttagcagtaa	60
agatgctttt	cccaggcaca	aattgggaat	ggaaatcacc	tagttccgtt	ccctctgaca	120
gctgtaatcc	agagagctaa	gctgcttact	tcattagctt	ggtataagct	gacgacagca	180
gtgcccttgc	tttatatttg	tcagagctag	gaaataagcc	ttcttttttt	ctgctgtaat	240
catagtacc	cttgaactga	aatatcttac	atttattctc	aagcaggtag	ggagaggaga	300

<210> 1296

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1296

ggttcataaa	cacatggcta	acaaagtaaa	gccttcaagt	ctggcacaga	ctcttgacta	60
cacgatggga	aaagggttc	caattacgat	ttaacttgta	ttttaagat	gagaaaagaa	120
atgaataaga	aaatttggtg	ctatttttct	tcttccaaat	tagaatctat	atctctaaaa	180
atactttgca	tgtttagtaa	acatccatct	tgaacagaag	ataccttgac	atcagttcta	240
tttaataact	atggcaatta	agagatttag	aaagcagagg	aaaagaccaa	aaaaaagtat	300

<210> 1297

<211> 289

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(289)

<223> n = A,T,C or G

<400> 1297

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gtcctgtgta	gcagcaggta	gtgtggcttt	gagaaaataa	aatggccacc	ttgctccgct	120
gttctttctt	tgtaaaaaaa	aaaaancggc	nnaacaatnt	tggcctttnt	agctnggna	180
cccnggccg	gncaatccct	nctnctctcn	aagcctcggn	ttcctcccct	gaaaagtaaa	240
gaaaataact	cctaaactgc	ctcccnaggc	ttgctggcag	gatccaagg		289

<210> 1298

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1298

ttttcttgca	gttactatgc	tgctcttctt	atcactacct	gttggtctgag	gtagtgatag	60
gcctaaatga	ttcattatct	taaatgtact	aaatatgttg	agtaattttt	tcttctaaac	120
taacagaaag	agagaacctt	ggagttaact	ccttaggctg	gttaaagtga	aaggtagcca	180
agtcaacca	gcttgtttcc	ttctctcatt	aggaaagaac	tattgttcat	tctcataaca	240
cactttttcc	aattgcaaac	atactcaggg	ttaaaatagt	ttagcacaaa	ttgcagccca	300

<210> 1299

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1299

gctgcttcct	caagaaaatg	aagaggggaag	gatggctcag	ggaaaagtaa	tcagagggaa	60
aatgtcactc	tgtaaagagt	aaaaaattta	ggatgatgat	acgatctggg	aaaaaaaggc	120
atattgaaga	ccacttaaaa	acaaacaaaa	aaacctatga	aggtgcatgc	tatttcccca	180
gagctaaaaa	gataagtga	attgtgtttg	aactcttaag	tggaggtgaa	gcagaattta	240
ttagccacca	accacataag	tgattatgaa	gtaactgaga	aacaggtaac	atTTTTTccc	300

<210> 1300

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1300

cttggggtga	gtctcatctt	caccctttca	ccaactgtcc	tggttaacaat	ctcccttcca	60
tttccttggt	cttacagcat	accccataga	atcaagcctc	gttattgcca	gggctgaact	120
gacttttttg	tttttgtttt	tgttttaagc	agtaccattg	tgacacttgg	gaaaaattcct	180
gtgttgatct	aattttacca	tattcttcac	tccactgacc	actccaatta	ggatactcct	240
ggcactcttg	gttttagaga	ggcttagata	tgtggctatt	tatcctttgg	tcttcagcac	300

<210> 1301

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1301

aggaagctgg	ttgagaagaa	gaaggaaaaa	gtcgattcta	ctgactgacg	tttccccctg	60
ctgttaagaa	tcccaaccac	acactttcac	acactattcc	aggttctggc	tactgaatga	120
tcccacagct	gaggtctatt	gtcatcgctc	cacttctatt	tttagcagca	ctaaaaacat	180
tccccaaaaa	aatgtttttt	agctttttta	ctgcgattca	ccactaagaa	attggcattg	240
gaacagtcca	cagagcttat	tcaaatttca	cccattttac	atgcactcat	ttgtgttgca	300

<210> 1302

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1302

ggtacacgaa	gaggtgataa	tgacagccac	caaggagatt	tggagcccat	tttagaggca	60
tctgttctat	cttcccatca	taaaaaaagc	tctgaggaac	atgaatacag	tgatgaagct	120
cctcaggaag	atgagggtct	tatgggcatt	tcccctctct	tacaagccca	tcatgctatg	180
gaaaaaatgg	aagaatttgt	ttgtaaggta	tgggaaggtc	ggtggcgagt	gatccctcat	240
gatgtactac	cagactggct	caaggataat	gacttcctct	tgcatggaca	ccggcctcct	300

<210> 1303

<211> 299

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(299)

<223> n = A,T,C or G

<400> 1303

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gacgaatcgc	tatttctctg	ttcttttttt	aaaaagaaaa	gatttcagaa	aaaaaaaaag	120
tcgtcttttt	ctttaaaaa	gtatgaataa	aatctggaca	gctgtcgaaa	aagatatgcc	180
gtctgcattt	ttttttaatt	tctagccacc	accataacta	aatagcttga	atagaacctc	240
ttttcttttt	tttccccttc	atacataang	atctctactt	cnttaaaagc	gtattaatc	299

<210> 1304
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1304
 gattcatttt tgtactagtt aatatcaact ctttctcaga agtagtcaaa atataaatag 60
 gaagttcttc aaaagtaacc caggagcaac agctgagcag tgccagagtt gtgaggtaaa 120
 catcaatcat ttcacaaatg ttctgacttg ttgagcagtg ttcattttcca gggttcaaac 180
 ttaaagtatc tattaagcaa tcttaaaaga aagaacaccg ccttaggaaa aaagagattt 240
 gccaaactct tcatacttcc ttcaataact gcttagcaaa cactcttgag tgtcttctat 300

<210> 1305
 <211> 298
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(298)
 <223> n = A,T,C or G

<400> 1305
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 ggtgtctggt tctgattctt atcacaactt gctacttagt gtctaccaag tcctccacct 180
 ctttgtcctc caaagagctg tgaacactga tggcaggagc cggcaccacn ccacnnactt 240
 agagancnnc ncanagctgc catacnggag atcnctgacn tcanacttcc ccctctaa 298

<210> 1306
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1306
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 ctctgtgatg ggggagcctt tgtctgaaag cacagccccc tcgcccttcc tctccccatg 120
 gcttcccctt cattggcatt aatctgggca ccagctctct ccatagcagt gacttccctc 180
 accactctca tctctcagcc ttgccttttc ttcttgacac tgcgcgcccc tcctctcagg 240
 agacactgcc gagggccacc tggcagaagg ctgagttagg cagcagggcc gggagcgtct 300

<210> 1307
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1307
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 tagccatcat gtgaaatatg gttattgttt ctgtacacct ggaacgttgt agtgcctgat 120
 actgagattt tggaacact gaagaattat agcattataa gaattttaaa tttatgagaa 180
 aatctgagac aggggcagag atggctgatt ttgatcttgc tggatcttag accatgagaa 240
 tgacaggcct gaagccctga aatctcacct cagggtggag tgtcagactt ggcaactttg 300

<210> 1308
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1308
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gaaaaaggta	atgtgttctt	taaatgtgtt	tataaaaagg	tattctgctg	tctccaagga	120
actgttctca	accagtagaa	gtagcttggt	aatggctca	tgaaaatggg	aggcacgcct	180
ttaaagataa	tagaacaaga	aagtacgttt	caccatgaaa	agccgttcgt	catgatctac	240
tgagatggaa	cataatgtaa	actctgtgac	tcagtggttt	cattcttaag	tgttgtgtac	300

<210> 1309

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1309

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ttcctacggt	tgcaactgga	atgttttttag	gaggatttat	cattaaaaaa	ttcaaattgt	180
ctttagtgtg	aattgccaaa	ttttcatttc	ttacttcgat	gatatccttc	ttgtttcaac	240
ttctatattt	ccctctaata	tgcgaaagca	aatcagttgc	cggcctaacc	ttgacctatg	300

<210> 1310

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1310

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ccctccctgag	ggtcggctgg	gtgaggagag	cccttccttg	cacaagcgaa	agagggagggc	120
tcctgaccaa	gacctggggg	gccccagagc	tcaggagcta	gcacaacctg	gggatctgtg	180
caagaagccc	tttgtggcct	tgggaagtgg	tgaagaaagc	cccctggaag	gctggtgact	240
actcttcctg	ccttagtcac	ccctccatgg	gcctgggtgc	aagggtggctg	tggatgccac	300

<210> 1311

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1311

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aggggtggctg	agggcacagg	tgctgggtgc	tgtcccacgg	ggcagggcctt	tggggctgtg	120
atgctctggg	aagccagctt	gggtcctggg	tctacagagg	gccctggccc	cggagcccag	180
ccagctctgc	ctctctcagg	gcctggagtc	ctggggggagc	tcagccagct	ctgcctttct	240
cagggcctgg	agtcctggat	gaatcctgca	ggtttttgtt	tgcaccggcc	cagggaggaa	300

<210> 1312

<211> 132

<212> DNA

<213> Homo sapiens

<400> 1312

gatcagtga	aaacattagt	atacgttttt	aataggcta	atttttcaac	ttggatcatt	60
aggcttacgt	actacttggt	tcaaattgtg	caaatacaaa	aatggtaact	aggttgacag	120
atactttgta	tt					132

<210> 1313

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1313

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atgcatttca	gaaacaaaat	attaacgtaa	acagaaaaaa	gagaaagcaa	tcatgacaaa	120
gcctaagagg	gctagtggaa	tgctagaatg	aactcattta	ccttcctttg	atatttaggg	180
gctctattgc	ctgctaattt	catcactgtt	atttttctta	cctcttatct	ttttccctgt	240

agttattatc agcctaatat tcattcattc attcatttac ctgagttttc aggtttgtgc 300

<210> 1314

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1314

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ggaatctcct	gttaatcagt	accctggtga	ttttgatcca	ggatcatcaag	accatggctt	120
ccatcgtagg	cagtcacact	ctttctctct	tggatcattt	gctgtgggga	agcaaactgt	180
catatgagag	gacactcaaa	cagcctctgg	agtctcattt	gctaaggaac	tgaggactcc	240
agcctgagaa	ctcaggcaag	taactgaggc	ctgccaacaa	ccatggagaa	agcctggaag	300

<210> 1315

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1315

gctaagggtta	aatagtatgt	attcctttct	tacagttttt	actctaagat	agctatttcc	60
tcagtgttaa	ctcattaaat	tacttgataa	gaaccagctt	tatattgtaa	gatgtgtaag	120
cagtgggagc	aatggtggaa	atagcctttc	tattttattt	acccaagtct	gtgtactcct	180
catccttacc	agggccccta	actgatcttt	ccactaaatt	atgtgtgtca	cagcgaaatt	240
aaaattactc	ttccaaagtg	caactctaatt	catggcactt	aagggaattt	cctttactta	300

<210> 1316

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1316

ggtagcacag	gcctgccctt	gcacccatgc	tgtacagtgc	ggttactaga	cttgtggccg	60
ttgttgtgct	gtcttctcat	tagcatgcaa	tattcacttg	actgaattcc	tttttagcta	120
agagaaatat	tacagggcat	gatcatttta	ggttattaag	gtgtctaact	caatatgtaa	180
actgctgaaa	agaattatat	gtttttatca	gataatctca	acatttcaaa	agacaacaca	240
ttcagactac	tcccctttcc	ccccaaactt	tatctagtgt	ctgaaaccac	atgactagtg	300

<210> 1317

<211> 55

<212> DNA

<213> Homo sapiens

<400> 1317

gcatcctgtc	cttggaacc	aatttctcat	tattgtcagc	cggtcagctg	cctgc	55
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<210> 1318

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (300)

<223> n = A,T,C or G

<400> 1318

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ggttactcca	ttctgctatg	acaacttggt	tcaaagtta	atttacatag	gattttttat	120
aagccattaa	ggcatatgta	tagtatatca	gtaaagatgg	atgggtgcata	tataaatagt	180
cttctgtaat	agtgattgga	tttacttctg	gattatnaga	gactcaaaat	nttccccanc	240

ctgtctctat cctttcncag gttgatccct tgtcatgatt tttcattacg gtggttcagg 300

<210> 1319
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

<400> 1319
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 agattctgct tactagtcag tccccaggcc caggccactc gcaaggggag gacattacag 120
 gaggcgtgag tataggtggt gtgatctgtg gggaccgtcg cagaggctgc ccaccacaag 180
 gggttaaaac ctataaaact tcgaagttgg atttaataat tttcaattac taggaaatag 240
 ataaaaacaa attttctgtc cttcacagaa cactaaagta tgtattggat tttttatccc 300

<210> 1320
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1320
 gtacaactct taaagctttc tacattttac atatacagtc atctctcagc atccgaggaa 60
 gattggttcc aggatggctc aaggctctga tataaaattg cgtagtattt gtatataacc 120
 tatgtacatc ttctcgtatt ctttaatctc tagattactt ataatacctg atactatgta 180
 gatgctatgt aaataattgt tatactgtat tattttcaaa ttgttttatt gctattttta 240
 ttgcttttcc ctgaaatatt tttaatccac agtaggcgga tgcagaacct ctttatacgg 300

<210> 1321
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1321
 gtgaattcct cagcaccaag ttgtttaaca cagaagagag gtggaaacaa aaaatgcttg 60
 gattttactg gctttctttt agcatttctg tctagtcgaa atggggggcca ggcttgacac 120
 catagacaac tgaatgaatg taaccggacc tattccatct aggctgacct cttgaaagat 180
 aggaggggaa gtctaaaaca ggagaaaagt tttagaaatc ctttggatta ggcttaccac 240
 gattagtggg atgtaaaata ttatgatatt cttagtgttt caggattatg gattttaagt 300

<210> 1322
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1322
 taaacatcca gatgtgtttt gatagcctgg ggtaattaag gttgaggaca agtgtaccag 60
 atcaaggaga ggaaccctgc ccatgcctgc cgtgtgttca ggtggctaga cttgttggtg 120
 catctgttag ttccactctt agtacatcat tgtgctgtga ggtgtcatta gccgcggtt 180
 aatttttctt ttgtttttag agacagtgtc ttgctctcac cccggcttaa gtacagtgac 240
 atgatcatag ctgactgcaa cctcaaactc ctgtactcaa gtgatcctcc tgtcttagtg 300

<210> 1323
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1323

ctcgagtttt	cttatccagt	tgaggccgcc	ttcgctgtac	tcaactctctg	cctcccaccc	60
catcttctgc	cacccgacct	ccatctttga	tggttagcgc	cttcagccct	caacagcttc	120
gcacaaccaa	cccctagaag	ccgtggagtc	agaccggcca	gggtgggacc	taggttttaa	180
ctcgggttct	ggctacacac	gctgcgcctc	catacagttt	gtcccagggt	tggcagcagg	240
ccggctacct	tcaggaattc	tttgctttgg	cttctgtctg	ttcctgtctg	ttgggcaagt	300

<210> 1324

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1324

cgccgggctg	cccagcctgg	ctctgtctac	actggccgag	tctctgggtc	tgtctacact	60
ggccgagttc	ccgactgtct	gtgctttcac	ttacactcct	cttgccaccc	cccatccctg	120
cttacttaga	cctcagccgg	cgccggaccc	ggtaggggca	gtctgggcag	caggaaggaa	180
ggcgagcgcg	tcccctcctt	cagaggaggc	tctgggtggg	gcctgtctcc	catcccccca	240
agccaccca	gcactctcat	tgctgctgtt	gagttcagct	tttaccagcc	tcagtgtgga	300

<210> 1325

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1325

ccttgggcca	gaccctttcc	cctgggggtgc	tgatttcaca	cctgtaaaat	gaagaagttt	60
gacttgccaca	gtgcttttct	tagactgtgg	taaggggtgg	atgtgggggt	agtccaaga	120
ccaagtga	gaggcttctg	gacctccatc	cttgcttcag	ccagagcagc	gtgggttcat	180
ttcatTTTTg	gattttggtt	tgtgggaaga	aagggttctc	ttgccggtgt	gtgtgtttct	240
gataaaca	gaagtgtgga	agtggctgaa	tgagatgacc	caaggactct	ttctgggaag	300

<210> 1326

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1326

tttagagaaa	gctggtagct	aggctgttca	aggaagggcc	tctgtgagaa	aggggatggt	60
tggtgggtg	tggtgggttca	cgctataat	cccagcactt	tgggaggttg	ggagtttgag	120
accagcctga	ccagcatgga	gaaaccccg	ctctactaaa	aatacaaaat	tagcccgga	180
tggtggcaca	tgctgtaat	ccaggctacc	tgggaggtcg	aggggggaga	attgcttgaa	240
ccggggaggc	agaggttgta	gtgagccgaa	atcatgccac	tgactccag	ccgggcaatg	300

<210> 1327

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1327

cagctactcg	ggaggctgag	ggcacaagaa	ttgcttgaac	ccgggaggca	gagggttcag	60
tgagccgaga	ttgtgccacc	gcactccagc	ctgaatgaca	gagcgagact	ccacctaaaa	120
aaagtaaaag	aaaaaaaaaga	ggaagaatta	gcacatttct	attacagaat	tggacttgaa	180
catgcaaaat	catgtctgga	tttctcagtg	aaaagctgtt	ttacgttagt	ggactcttct	240
aacattttga	aatggtgatc	tggatttggg	atctggctat	cactgacca	ccttgggtct	300

<210> 1328

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1328

ggcaaggagt	ttgaatttta	ttcaagaatt	ttattcaaga	atatttattta	ttttattctt	60
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gaattttatt	caagaataat	ggctagccat	tgaagagttt	aaagtaggga	aacagtgttt	120
tcttattcac	attttgcaaa	gttctccatg	ggctactatg	tgaataatca	gtccaagggg	180
gaggttaagag	tagaagttgg	gagactagtt	acaaagtcac	tgcagtttgg	agattatggc	240
accttggact	gtaggtgata	gggatggaga	tgacgataag	tgaatatatc	cagaaaatat	300

<210> 1329

<211> 294

<212> DNA

<213> Homo sapiens

<400> 1329

gtcagaatgg	ggaaagtggc	aggatgcagg	caaacatgtt	cttaatttag	agacacgatg	60
aaggctcagg	actttcctag	gcagataaaa	gaagaaagaa	gctgcttttt	gaaaagaggg	120
atcaagatta	tgacaaaaag	ggagattcag	ccatcagcag	aacccaaatg	agagcctaca	180
aagagacact	gtctactcag	agtacatctt	cagacatcca	gggtcccaag	ctactgtgtt	240
tactgttagc	ccttatccat	tggttatgtc	tactgttcta	taactcttct	ttaa	294

<210> 1330

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1330

gtggatacct	ctagtgaat	ttataagcaa	tatcgtttac	aaaaggttac	agagaagtat	60
ccagaattgc	agaatttacc	tcaagaactc	tttgctgttg	acccaactac	cgtttcacia	120
ggattgaaag	atgaggttct	ctacaagtgt	agaaagtgca	ggcgatcatt	atttcgaagt	180
tctagtattc	tggtaccacg	tgaaggaaat	ggacctatag	cctttgccca	caagagaatg	240
acaccatctt	ccatgcttac	cacagggagg	caagctcaat	gtacatctta	tttcattgaa	300

<210> 1331

<211> 298

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(298)

<223> n = A,T,C or G

<400> 1331

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atctagttct	tagctggggg	ggacaatttt	gaagctcgaa	tgacaataaa	taccagcttg	120
gaatgaactt	ggaacaaaca	tgatgggaaa	tctgggggtc	agggaaaatg	gcagtttcag	180
gggaatatac	caggttaata	aatccnggaa	aaactgnttg	gtttgngggg	gnctccacca	240
cttgggaagt	gctgnaanna	ttgatgnaaa	gaactctgaa	annaaaaggt	gttgggca	298

<210> 1332

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1332

aggatatgtt	gcactagtgt	ttccttgtga	ctggaatatt	ctctgcccaa	actttgaaag	60
gctagttagt	tacttctcat	cattcgggct	taggttaagt	gtttcctcct	tagagtctct	120
ccttgattta	tcttcccccc	agtctaaaag	gccagtcaca	ttaatctgtt	ttatttctcc	180
atacagcact	catcactgat	tttttaaaaa	tctattttgc	catctttctc	tctcactgga	240
atattatgtg	ctcatgaaga	agctccttgg	ctattttgtt	cctgatcgtc	tgcgctgcat	300

<210> 1333

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1333

aaaaatttta	tggaattcta	tggaattttc	ttgatgctta	gagatttggt	ttttaattg	60
caaagtga	tagtctattt	acaaatgcta	ttacatatgg	agcgggcctg	tggtgtatgg	120
cactattcct	tggaataatg	gtacccaggt	tccattctct	gctcagctcg	gaggctctag	180
acaaagcccc	taaaatgctg	tctgcttcag	tctccttaat	ggtgaagtgg	aatgaatac	240
ctactgtcac	ttaactcatg	gagatgctgg	actgataatt	agatcatgta	agagcacttt	300

<210> 1334

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1334

ggattttctc	tccttcgcg	ctttctgcgt	gacactggct	gtcagctctg	ggctgggctt	60
tctgggggcc	acacagctgc	tgaggcgccg	ggttgaggcg	gcccgaagg	accagggtg	120
ctcaggcctg	gttggtgata	gcggcctgtg	tgagaggag	ctgcttgtag	gcagtgagga	180
ggcggacagc	atcaccttgg	gccggtatct	ccggcagctg	gcacgccatc	ggaacttcct	240
gtggttcgtg	agcatggacc	tggtgcaggt	gcagtggctc	acgcctgtaa	tcccagcact	300

<210> 1335

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1335

caagaagaaa	catggcggt	atccttctct	cacatcgaaa	aggaaatttt	gaacaatcat	60
ggaaaatcta	aaacgtgctg	tgaaaacaaa	gaagagaaat	gttgaggaa	agattgttta	120
aaactaatga	aatacctttt	agaacagctg	aaagaaaggt	ttaaagacaa	aaaacatctg	180
gataaattct	cttcttatca	tgtgaaaact	gccttctttc	acgtatgtac	ccagaaccct	240
caagacagtc	agtgggaccg	caaagacctg	ggcctctgct	ttgataactg	cgtgacatac	300

<210> 1336

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1336

aaagcctaac	tagttatgat	aaatgtatcc	gtaagtaaag	taattaagcc	agtttggggt	60
tggcagagga	attgtgccag	acatctgtgg	attttgctac	ccagcagcat	tcgctcttct	120
cctggttggtg	gggccccagc	cctggttgta	ttacctggaa	ctaaagggtta	agatgatggt	180
tcaaagatga	agccaccatg	gaagagagca	tagcggacag	atggagagaa	actgcatcca	240
ggtgacccca	tttgacttaa	acctgggttac	ctggtttttc	tttagtacat	atgccagttt	300

<210> 1337

<211> 292

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(292)

<223> n = A,T,C or G

<400> 1337

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aaaaacttg	aattattaaa	acgtatagta	tgctagctat	ccttttaa	tatgctaatt	120
ctcttcttct	gaaattatgg	tcacactata	tactatagca	tttcggtttt	atcctttgat	180
aaaacttttc	ttttttcttt	ttttttttga	aacagggtct	naccccgctg	nanaggctgn	240
agngcagggg	caaagnctcn	actnantgca	gccttgacct	ccnggnccca	gg	292

<210> 1338
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1338
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 atctagcaga atgtaccttt atttgattca ctattttacca ctgattaaag tggagcgtct 120
 gtggagttat acgttacttt gtagactttt gtctagttaa atacaaaaga caaccccaaa 180
 gggtataatt tttttgccta tagaacattt caggaaacag gagtaggatt tttgtctata 240
 atatagcaaa cttgcttcaa cataccttcc acaacttaca aatgctcttt gaaccagcct 300

<210> 1339
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1339
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 ctctgtgtgc ctctgtgtgt gttcctttgt cctgatcctt gtcaccttgt ggggccaaaa 120
 tgggtccact agcctcatgg agcctggcct tacattgcag agtcctaaagc aggagctgag 180
 ggaaaatgaa aaacaacttc ttcattaccg gaagcccagc aaacttctcc ttaaaaatca 240
 ctggtcaggg ctgggtgcag tgggtcacac ttgtaatgcc agcactttgg gaggtgaga 300

<210> 1340
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1340
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 gtcagtgaag gtcattgattc tgaagatatt ttgagcaaaa gtaacctgaa cccagatgcc 120
 aaggagtta ttccaggaga gaagtactga gccgagaaag ctttgaggaa gacttgtctg 180
 tccccacatc tggggatagt aatgcacaaa atgggtggagc tgaagagggg gatggggcgg 240
 gcgaggggtg cacagcggga aggggagtggt tgggtctaca atactgtgac tctgagtaac 300

<210> 1341
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1341
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 tcccacctac ctgcacatct gccacagctg gccctgggcc caccaccaga agggcctggg 120
 cctaaccctt tggcctggcc cagcttccag agggaccctg ggccgtgtgc cagctcccag 180
 acattacctg ggtagctcag gggaggaggt ggggggtccag gagggggatc cctctccctt 240
 ggggctgccc ctgtggaggg ggatcccgcc tctagaacta tagtgagtcg tattacgtag 300

<210> 1342
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1342
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 aattgaataa cataatttat gtgaaaacac ttaattatga atgctgtaaa actatcaaag 120
 ccattaatat gtgttatagt agcatcatac attttgagc ataatccaga gaacaaggag 180
 ttgttaacaa gggagaggaa gataatctgg ttgggctagt attatactct cagggtgtac 240
 tgacttctta gatgaccttc aagatgttag tacaactctc tacttggaga tgctattttc 300

<210> 1343
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1343
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 tatgaagtta gtgaagtcag ttgaaatgtg tatttaaaca tttgaaggga tacagttaac 120
 atttttttaa tgagaggaaa ccattgtctg tagttcagaa ataagatgga gtgttttact 180
 tatttaaggg gtaatttaaa aagtaaaca aagcattggc ctacaagaga aaggatgatg 240
 tggattataa gtgctttttc taatcgtaa tattaatcaa cagggtgagta tattttccgt 300

<210> 1344
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1344
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 tagttgaaaa agcctaaata gaattttagg aaagttctat ttgaaagaa actaagaatt 180
 atgattaaat tttggcctaa gcaacttaat aggcagtggg atcattttatt gagaagcaaa 240
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<210> 1345
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1345
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 aagtggaccc tgacaaatc aatattgtct gaagagacaa tctattctgg ttctgttgga 120
 cttcagggtta ttttctttt tttgtaaaat gaaaactaca aagaaacctg acttttcaat 180
 tttttatata tgtaattttc tagaaatcta ggaagtcatt tacacatcct tatataccat 240
 gaggggcaaa agtaagcttt cttcctccca aagcaaaact ctttttcctt aaggagctgg 300

<210> 1346
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1346
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 gatgtatatc ttaagcgccc ccagtgaatg aacagcatat aactccacat aaaaatcatt 120
 aaatgtaatt gacttccaga gcaggcagtt ctgttgatg cctctggaga aggctggctg 180
 aattggaatt ggtctgtacc ttctgcctat catgtacatg aggttttttg gcaaagagaa 240
 ctttccacaa aataagtcca aaaattatag atcatcagac aaccaataac atattgatga 300

<210> 1347
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1347
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 tgcctgctt ccgagaaatt gatgagctaa taaaaaagga aaccaaaggc aaaggttctt 120
 tggaggtact caatctgaaa gatttgaaga aggagatgag aaatttgaat gacacccatc 180
 agtctcttca cctctaaaac actaaagtgt tttcgtttc aacagcactg tttcatgtct 240
 tgggtctgcc aaataacttg tcaaactatt tgacattttc tatctttgtg ttaacagtgg 300

<210> 1348

<211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1348
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 cccctgccag tgccactcct agccagcgcc agtgcgctctc cgagccacc agcaccaacg 120
 actccttcga gatacggccg gcccccaagc cagttatgga gaccatcccc ttgggggacc 180
 tccaggcccc ggcgctggcc agcctccgag caaactctcg aaattctttc atgggtcatcc 240
 ccaagagcaa ggcctccggg gctcctctc ctgaggggag gcagtcctg gagctgcaa 300

<210> 1349
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

<400> 1349
 aagaattgna cgactcttat tgatgagtgc aaaatttttc tatagatttg aaagtcacta 60
 ctaatcatga ctagctgatt ataataattg agagtaaact tttaaaatta ttaaataatcc 120
 tgtgaaagtt ggagcacagt aaccattaac cctaaatttg atactatgct catatgaatt 180
 cagatcataa tagtgctcta tcatgtgaaa ctactaaagg atgtatagag ttaaataatta 240
 cgtatccact ttaatgaaga ataggtatta cacagtaatg gttgttttaa aaaatttttt 300

<210> 1350
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

<400> 1350
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 gcagaggaaa gaagaggagt aggaactatt tgggaggtag tattactagg attttagctt 120
 tgaagggttg agagaaatgt caagcctaac tacaagcaag gtttctagta tcagtaactt 180
 catatcattt gaaatacana nattagcaat caatgtatan ancntnctgg gctaancnta 240
 gcatgaantc tgacttcant gtagcattga ggagggtcct ggcctcagat actgcaccag 300

<210> 1351
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

<400> 1351
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 gttgtcttga gttaaactgta gtgggtgggg aggtccaatg ccctccgcaa tgcccttcat 180
 ctctgtgtt gtcctgtacc ctgctcagct ccacctcggg gttcagggaa ggcacacttc 240
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<210> 1352
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1352
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 ctctgctggg ccaaggccat gcttccccag cctgtggctg cgccctctgt gtctctccgg 120
 gtctcacctg ggcgaggagc tcctctggag gccaggacct gccttgtgag ggtgcccttg 180
 tgggagaggg gcttgcccaa acctgctgtt ccccgggggc tccttgggtg ccccaggagc 240
 tggagctctc tgccagagtg cccctcccca gaggttagga ctcccatgac cctgtcccct 300

<210> 1353
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1353
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 aattctatgt cccagttttg gttagtgtgc tctgggattt ttgaccattt ccatagtaat 120
 agttattact actaccacta cagtaaattc ttacaagaac ttcccatgtt ttttgggagg 180
 aggaggagga gtagttacat tcaggatcat atacataatt gtttagcttc agttctgtat 240
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<210> 1354
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1354
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 ggtccaagat ggccatccag acccagcagt cgaagtttgt gaactggcag gtggacgggg 120
 agtatcgggg ctctgacttc acagcagccg tcacctggg gaaccagac gtccctcgtg 180
 gttcaggaat cctcgtagcc cactacctcc agagcatcac gccttgccctg gccctgggtg 240
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<210> 1355
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1355
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 taaagcaacc aatggacctt tcatctgtaa tcagtaaaat tgatctacac aagtatctga 120
 ctgtgaaaga ctatttgaga gatattgatc taatctgtag taatgcctta gaatacaatc 180
 cagatagaga tcctggagat cgtcttatta ggcatagagc ctgtgcttta agagatactg 240
 cctatgccat aattaaagaa gaacttgatg aagactttga gcagctctgt gaagaaattc 300

<210> 1356
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

<400> 1356
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tacacgtatt	caggaaagac	cccaatgatg	cntganaact	tctactttgg	ctncctaang	120
ntgaatncaa	ttcacatctc	tnagaggntc	accgtaaaca	gnnttggann	ctacccttna	180
tntggacana	ttgantttctc	ctgaggtgga	tcttgtatng	ctctagaaac	tangcatcnt	240
caccatgtgc	tgaataanag	tgtmntcggt	gtaatngccg	cgcacgtatg	nnnacatttg	300

<210> 1357

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1357

ccataagtga	cttgcaaagg	gcctccccc	taggaaggcc	tcagcaaatt	ttcagtgaac	60
tcaagttcat	tgatttccaa	tttgtgaaat	aaactagagg	gcctctctga	actacctgcc	120
tcatgagaat	gactgtgaag	tgtagtcagt	ttaaaacaaa	cagacaaaaa	caaagctaga	180
cagcattaca	ggtttctcag	aaagaaggaa	ggttcaagtt	cacattggta	ctggtaccac	240
gttgccattg	ccctcctaga	ctgttctctg	caagctttct	atttactgga	ggctggaata	300

<210> 1358

<211> 86

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(86)

<223> n = A,T,C or G

<400> 1358

ccattgtgaa	gggttatgcc	cctgagagcg	tgctggagcg	caactgggtgc	acagagaang	60
tggaagtgnc	nggggacggg	gggact				86

<210> 1359

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1359

ggctgtgttg	tgtgtcttgt	ttgatgtaaa	gatagtttct	gtaatagttt	tgcaagtttga	60
ttgttcatct	ttaggtcttc	aattacaacc	tgacacatcca	tcccctctat	cctcttttctt	120
actctgtttt	tctccatagc	acttatcatc	caataaatatg	tcattgcactt	tatttatctg	180
ttttgcatat	atattttgtc	tgttacctgt	ttccttccac	tagaatgtaa	gtcccatgag	240
ggcagggact	tgcatctatt	ttgtttgtgg	ttgtatctct	aacacctggg	atagtcactg	300

<210> 1360

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1360

gctgcttcat	taaactcttc	ttgagtgagg	ggaatgagga	ttgtcctaata	cccttggcac	60
gaggtgttcc	tgggccttgg	ggagctgctt	ctgtcctgca	actgggcagt	ggttgccgac	120
atcctgctga	tctctagtgt	cctgcgggcc	aggcgccctg	actcctatct	gcagcgcttc	180
cgcagcctgc	agcagagctt	cctgtgctgc	gcctttgtca	tcgccctggg	gggcggctgc	240
ttcctgctga	ctgcgctgta	cctggagaga	gacgagaccc	gggcctggca	gcctgtcaca	300

<210> 1361

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1361

gttacagga	tcttgccact	taaagattca	atctttttaga	ctggcaatga	ggattcagac	60
aactcaatct	ttgtgtaa	acttggtaaa	gcaacaggac	acagaagagg	aatgctggaa	120
aaatctgggt	tatgaaaaca	gaaatcaa	caagttacta	accaacctcc	ccgtcccctc	180
caggcacaca	aaaacatttg	cctttgtact	ctgccaatgc	ttgattta	tataatacac	240
actcaagtgg	ctgtaaaaaa	acccaacaga	acagaaacca	tttaacatct	gaatagtgat	300

<210> 1362

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1362

cagctatcac	aagtgtta	gtattttatg	tgtagcccaa	gacagttctt	cttccagtgt	60
ggcccaggga	agccaaaaga	ttggacatcc	ctgtgttaga	ccatcatttg	tttgetatat	120
gatgtcatag	tggtagaatg	gtcacttaag	gtaaaatctg	aatagagaaa	tttggcagaa	180
atcataggaa	tttctgtttg	aaggcataat	gagggtta	catttttcat	aatagatgtt	240
aagattaata	gtaatcatag	cccatattta	ttaagcactc	gccacacact	ggtttcgaga	300

<210> 1363

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1363

aatacacaca	acataaaga	catggcaatt	aactgtttat	gttatcaggt	ttaaggcttc	60
tggtcaacag	taagctatga	gtagttaagt	ttctgggggg	acaaaaattt	ggttgtaaac	120
tgatgggggg	gcggtgttgg	caccctaac	ccgtgcactg	ttgaagggtc	aattgtactg	180
tatttatata	tgccagcagc	tctccaactg	tggtctgcag	atctcatgag	gtctcctttc	240
aggggaccca	catgggcaaa	actatattca	tactactact	aaagccattt	gcattttcca	300

<210> 1364

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1364

gaaaagcaca	ccccaagtgc	gtacagatcc	cgtaccccat	tcttatcagg	tggaagttct	60
gggggctgag	aagtccaaga	tcaaggtgct	gccaatgttg	ttcctggtga	atgagcaaac	120
agcacagaaa	aagaacagc	agtatatgtg	gaagaaagca	agaaaaatca	actggcctgg	180
aacctaaagc	ttgtccaaag	atgtcacaga	gagtaaaatg	agaaaaatcc	agtagcccgt	240
gccagagca	gttcctcgta	cccagcagaa	gggaacgatg	ctcttcccaa	ggaaggcaga	300

<210> 1365

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1365

ctcatcacac	tgttgatac	ttcgtagcta	ttacttcttt	aatccccaa	gacttgttta	60
acaaagtatt	cttcagtttc	tacttcctag	ttcctttgtg	gaactggtaa	aaatttaaaa	120
tatcttaaca	taatatttta	tttcaaata	taaacagtaa	ggtaaaatgt	ggtttttctt	180
ggacaactta	tggtagaatg	atgtctagaa	tatttagtta	tgtcatttaa	tacttttttt	240
ctttacaatt	taaaaaaaaa	tttattttat	tttagattca	gggggtacac	gtgcagggtt	300

<210> 1366

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1366

tagtttttaa	tttagcaatt	tgatattgat	acagatgaaa	cacctagata	tatcactttt	60
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tattgagagt	tggtgatcaa	attgtacatt	agctagaaaag	aaggaaggaa	aactgatgaa	120
aattttacag	tataaagtgt	atgggtaagg	tacacaaatc	ttttttttct	cttttttttg	180
ggaccactgt	cagaaaacaaa	attttggttca	tcacattatt	ctaatagaac	gtctcacaca	240
gcatgcagtg	agctattgaa	gtttattgtc	ctaggaggta	ttaacgaaac	gaatgaactt	300

<210> 1367

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1367

gctgggctag	cagaaaacct	caggcatctg	tgaggacatg	agtttacaca	cgctgagact	60
cacttatata	aaaatgcaac	ccaattccac	ccctgaattg	aggggagtgc	atagaagtga	120
atgtcccgtc	tttctgaggt	ctgttgattt	tgtaattagt	aaacgaaggg	tgcattttctg	180
attttttttt	cttgtgtgct	agaattcatt	gctagtaaaa	ctcaagataa	tagcgatgag	240
taggaggtat	caaagatgaa	ctgtataggg	acagtttaag	ttacttaaga	atcgtcagca	300

<210> 1368

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1368

tctgggacca	ataatgtttt	aaaaatatat	tcatttgaga	ttcagaaaac	ttgcacatca	60
tttgctactc	ctatcatctt	aacagtgaag	aaaactgagg	cctagagaca	ttaaggggggt	120
tgcaggtcca	gagacatgtc	tcaagaaaagc	attgctgtta	aaatgtgcag	ttcgtggggt	180
ttcagtcctt	ctcttaagaa	accaagtcaa	tcttcccctc	aggaaaaaga	aaagaagtag	240
caataagcaa	tttgtaata	tcactacttc	ttatcaaggt	aaaaaatgcc	tcataatcag	300

<210> 1369

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1369

agcagattca	gtgtcgatga	gagcctgctt	cctgcttcat	agatgataga	agtgc aaagc	60
cagctgtctg	ggcctttttt	atgatactga	tcccattcat	gaatgctctg	ccctcatgat	120
catttcaatt	cccaaaggcc	ccacctccta	atattatcac	agtgataatt	gggttttcaa	180
cacatgaatt	tgagagaaac	acattcagtt	cctagcatta	gcttgcttat	atttattttca	240
tctcattctc	tctcatagct	tttatttttg	tttcccctgt	ccaattttatt	atagtttttt	300

<210> 1370

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1370

gttatgagtg	gtcattgtga	aaatttggag	gaatacaaaa	agtagaagaa	aataacagtt	60
ctatatacta	gagttaacct	ttattaactg	ttttgtcata	tgacatcaaa	atgttatatt	120
attacctgtt	aaatttagta	tagtatagta	tactaaaaca	gtatgtttac	aaaattgaac	180
tcactgtgca	gatattacag	gttttattca	tgtaacacta	tagagtgtct	attgtcacat	240
gtcattcaag	ttcttctaga	gtgtgatttt	ctcaggcaca	tattgcacag	atgctctata	300

<210> 1371

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1371

accaaacctg	gagtaaagtg	gttgaaaaaa	aagaaagtat	aaaggggctt	attaaagtgg	60
ttaataaata	tgatttaggt	tggtttttga	tatgtttttc	ttccaactgt	tatataagaa	120

actactaatg	taaaatagta	ggctatatgt	tgggatgtgt	atagctatgt	cttcaagact	180
aatactcaga	gaatcaaatt	gtagattgta	cctatctgtg	agcctatttc	tttagccagt	240
tttctgtcta	ctgccaagaa	acagaattct	ctgcctcatg	caaatgccct	ttcgtgttta	300

<210> 1372

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1372

aaaaactggt	agagagggag	aaaggtacag	tgattaagcc	acctgtggaa	gagtacgagg	60
aaatgaaaag	ttcatattgc	tctgttattg	agaatatgaa	taaggagaaa	gcatttttgt	120
ttgagaaata	ccaagaagcc	caagaagaaa	tcatgaaatt	aaaagacaca	ctaaaaagtc	180
agatgacaca	ggaagccagt	gatgaagctg	aggacatgaa	agaagccatg	aataggatga	240
tagatgaact	caataaacag	gtgagcgagc	tgtcacagct	gtacaaagaa	gcccgaggctg	300

<210> 1373

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1373

ggaaaaactg	gtagagaggg	agaaaggtac	agtgattaag	ccacctgtgg	aagagtacga	60
ggaaatgaaa	agttcatatt	gctctgttat	tgagaatatg	aataaggaga	aagcattttt	120
gtttgagaaa	taccaagaag	cccaagaaga	aatcatgaaa	ttaaaagaca	cactaaaaag	180
tcagatgaca	caggaagcca	gtgatgaagc	tgaggacatg	aaagaagcca	tgaataggat	240
gatagatgaa	ctcaataaac	aggtgagcga	gctgtcacag	ctgtacaaag	aagcccaggc	300

<210> 1374

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1374

gcgggaccct	gcctctacta	aaaaattaaa	aatagctatg	catggtagca	catgcctata	60
gtcctagcta	ctgaggaggc	tgaggtgga	ggatcacttg	agctcaagaa	ttcaaggctg	120
cagttagcta	tgatggcact	actgcacttt	agcctgggtg	acagagttag	accctatctc	180
acaataaagt	aaaataagaa	ttaacacact	cataataact	atttagtta	taggaaactc	240
tgtttaagcg	atattgctta	tatttctctc	tcatgctttt	gtaggtctgg	actcctctc	300

<210> 1375

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1375

gaaagataga	aaatcaccca	ggggcctgta	ggctggagct	tctgtagacg	cacagtggac	60
actgccgaga	aacaggcctc	atttctccca	tgttcccgtc	cccgtccc	gtttcctgca	120
tgactgcttt	ggtgccccct	gactccagaa	tcaacaccac	accagctctg	ccttttagact	180
ctgccagag	gctctgggct	ggatactgta	tttggcgca	ccctctgggg	catttttgca	240
agttttcagg	cagatgggtg	ggggagcagt	gaaggaagga	ggaaaaaaga	caaagcacia	300

<210> 1376

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1376

caagcaggtg	gccctgcaga	gccagttcaa	tacctacagg	ctcaccctgc	aggacacaga	60
ggatgccctc	agccaggacc	agctggaaca	aatgatactc	acggaggagt	tgcaggccat	120
ccgccaagcc	atccagggcg	agctggagct	caggaggaag	acggatgctg	ccatccggga	180

gaagctgcag	gagcacatga	cctccaacaa	gaccaccaaa	tacttcaacc	agctcatcct	240
gaggctgcag	aaggagaaga	ccaacatgat	gacacatctt	tccaaaatca	acggtgacat	300

<210> 1377

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1377

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gatgtctcat	aagaaggtag	ccccaggcaa	tcttagaacc	ggacaacagg	tggaaacaaa	120
gtcacagcca	cactccctgg	ccacagagac	cagaaaccca	ggaggacagg	aatgaacag	180
aacggagctg	aacaagtcca	gccacgtgga	ttctccaaat	tcggaatgca	agggtgagga	240
cgcgaccgat	gaccagttag	aaagccccaa	gaaaaagttt	aaattcaaat	tcctaagaa	300

<210> 1378

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1378

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aggtatacta	ccatgtgctg	gggctgggag	agcctctggc	cctgaagtct	ccccgggctc	120
tcagactctt	ctcccacctg	cggccaccag	tgtgtgtgga	gctgctgaca	gtgctgtggg	180
tggtgcctac	cctggggcac	gaccgtctcc	tccttgcttt	cctccttacc	ctctacctgg	240
gcctggctca	cgggcttgat	cagcaaagac	ctccgctacc	tccggggcca	gctacaaaga	300

<210> 1379

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1379

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taatcaagct	ccagtacagc	ttgtgtcaag	acctagtaag	accaccttta	atgtgttcct	120
ggatatgaca	ttaaaaaacta	acttgaaaat	tgtaggata	tttccttggt	ccctactttt	180
attgtaaaat	ctactacatt	cttaagaatt	aaaaaacgcc	atttcagaag	agatgatagt	240
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<210> 1380

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1380

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atcaaccaca	actagcagtg	catgttatag	tgtaaacaga	aaattccaca	ggaccctctt	120
cacactaggg	aaggggacca	tctgctactt	tcatattagg	atgtcaggat	ttagagggtca	180
atgtgtttcc	tcatcaaggc	tgaaggcttt	gggaatccgg	ggaagtgtca	ggctccaagc	240
agcacagcct	gctcaaactt	catatttaag	cactggacaa	gacactgttt	ccaatcctac	300

<210> 1381

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1381

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ggatggtctt	gatctcctga	tcttgcgatc	caccgcctt	ggcctcccag	agtgtctggga	120
ttacaggcat	gagccaccac	acctggccac	agaaggatc	atttctaaat	agcatagaat	180
cacagggagt	acacctcatg	tgacttcacg	tttagagtca	gcatttgctc	ataatgaatt	240

acatatcagt aaatgaacat gacatgcttc aacttcaata atattaaaca aaactctttc 300

<210> 1382
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1382
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 aaggttttca gattatctac atccaggctc gcccacaacc ctgtcctcag gaatcactga 120
 atgcagccat gacactgaaa tttgtttttc attcattatt ttttcattct tacaataaac 180
 gtggttttat aagttagtta aaaagtcttt ttcaggatgc cgtagtaaac aagagtcctt 240
 tttgagcatt tccttagtaa acgatgaatg gctgctgggc aagcttggtc tggcaagtct 300

<210> 1383
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1383
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 tgcatgagat gaaatacatt tagcacttgg taagcactct ataaatatgg caatatgata 120
 gtccctgact catcttcttc tctgttgccc tttaaacagg tgagcaccta gccttggttg 180
 ttttatgtgc tcaacagcag ttgactcccc tggctcctct caccatgct actgcgtagt 240
 caagccctcc atagtctcct ctctgggtctc tgtttcccat ctgcctttgc ctttccctct 300

<210> 1384
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1384
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 gtaaatagct tttaaaact gatgggaaat gctgtttgga agtggaattg ttgaaccacc 120
 tgggaggtgg gaggaagaa attgcaaatg gtgttttgcc attgtttatt agaaaatttc 180
 agcttaatcc attgtgtata tgttacatgc atttcattta actttgctat actgtatata 240
 ttgtatatat aacggacaaa ttagtcccga ttttataata tctagtctct agatattaaa 300

<210> 1385
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

<400> 1385
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 acaggtgcaa gntctggana ccttttgctg gaataacctt gntttttttg tncctntttt 180
 nanntttncn nttttcnntt tncctnagna nttttttnnn tgtttttntn nttntntnnt 240
 tnntgnnttt ttnagctct nttttntan tttttnttn tntntntn an cttttttatg 300

<210> 1386
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1386

cctttattca	ttttcactgt	tatccagaat	tccattatat	gaatatgcca	taattttaaa	60
gttcacgtta	ctattgttaa	gtgtttctaa	actggaaatt	actccagaca	atactatgag	120
cacacctgtc	tgtggctttt	gatgagcatc	tgaatgcagg	ccaaacttgg	cctgccaaac	180
agtttctgcc	gttgtttgtg	ccagttcaca	ctccctgcca	aacagtttct	gcaatgtttg	240
taccggttca	cactcccacg	gcagcacatg	aaagctttat	ttgctccata	tcctctcaaa	300

<210> 1387

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1387

gccagtccct	ggacagctac	gacgccatga	atatcttgcc	caagaagagc	tggcacgtcc	60
ggaacaagga	caatgtcgcc	cgcggtcggc	gtgacgaggc	ccaggcccgg	gaggaggaga	120
aggagcgtga	gcgagggtg	ctgctggctc	agcaagaggc	ccgtacagaa	ttcctacgga	180
agaaagccag	acatcagaac	tactgcctg	agcttgaagc	agcagaggcg	ggagccccag	240
gttctggccc	tgtggacctg	tttcgggagc	tgctggagga	agggaaagga	gtgatcagag	300

<210> 1388

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1388

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tatttgagag	aaaagtttga	aaattcaatt	gaatccctaa	gattatttaa	aaatgaccc	120
ttgttcttca	aacctggtag	tcagtttttg	tattcaactt	ttggctatac	cctactggca	180
gccatagtag	agagagcttc	aggatgtaaa	tatttgact	atatgcagaa	aatattccat	240
gacttggata	tgctgacgac	tgtgcaggaa	gaaaacgagc	cagtgattta	caatagagca	300

<210> 1389

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1389

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tgtgtaaaac	atgtccatta	acatgtgctt	aatctgttct	gtgaaagtat	tttcagaaat	120
gataaaaagt	aatgatgggt	acatctgaat	ataagttaga	tcatgacact	cactcctttt	180
ttcagaaact	accagtggca	tcacatctta	ctcagagtaa	aaaccacagt	gggcttactg	240
tgggctgcaa	ggcctcgtag	gatttgcccc	ccatgacttt	ctgacttcat	ctcttgtcac	300

<210> 1390

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1390

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gaaatggctt	tatggaatca	atttgcaaaa	atgtaagagg	tggcaaagga	aagaataaaa	120
taatattttc	attttcttct	gttattctta	gaccccttgg	tagattgtaa	actccatgaa	180
agcaggatac	cttcttttgc	cctaaggctt	ggcccaaaaag	agataccaaa	aaaataactg	240
cttatatact	aacctagtct	ctgggtgtgg	gagccataga	gggttcaggg	tgggggtggtg	300

<210> 1391

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1391

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aatgataag	tcatatatgg	ccggtgagtt	tttcttccaa	agactgggtcc	acactagagg	120
gtgcagcctc	cacagacact	gggaattgct	cctgacctat	ggaaaacaac	tttctttcca	180
agaaaattat	ttttagtcct	ttggtgtaaa	gacacagtcc	tgagttgttt	tcacttactg	240
aattctataa	ctaggaatga	aacactatac	tcttgctaaa	aatgaccttt	tttctttcag	300

<210> 1392

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1392

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tatccttgag	taatctattt	ttataaaggt	attgatgtaa	ctattttata	aatgaaaaac	120
tacacactaa	aaaccaata	tgtgatctcc	agcatcacag	aatgaaata	aggatttttt	180
tttaacttag	gtaattattg	ttgaactgta	gtaattcaaa	tgtagcaatt	tcaaaggtag	240
aatttcccat	gtattactat	actgcttcac	atcagctcta	ttaataaaaag	tagaacagtt	300

<210> 1393

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1393

gggactacag	ctgtgtacca	ccacaccggc	ctctcctggc	ttcttaacca	cttacattaa	60
aattgagagg	agaaaggcat	tttcagtttc	tttagttaat	aaaaagaagc	catttctgga	120
ggagttttat	gcctgtacca	gcagagggtc	agctttccag	gaatctcatc	atgatccata	180
ctgctgacac	aggcctttgt	cacctgaagc	attcttaaaa	taaggagact	gacattaaac	240
aggacaattg	tgaactccac	tttgtaagca	tcatacatat	cttacaactc	attctgaaga	300

<210> 1394

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1394

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caaaatttagc	caggcgtggg	ggcacatgcc	tgtaatccca	gctactcagg	aggctgagcc	120
aggagaatcg	cttgaaccog	ggagacggag	gttgacgtaa	gccgagattg	tgccattgca	180
ctccagcctg	ggcaacaaga	gcaaaaactct	gtctcagaaa	atatatatat	atccctaaaa	240
ctacctcagt	tgaagaattc	aaagtgc aaa	ataacttttc	ttaggatttt	ttaatctatt	300

<210> 1395

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1395

ggattacagg	caccgcccac	catgcccgagc	taatttttgt	attttttagta	gagatgaggt	60
ttcaccatgt	tgaccaagat	ggtctcgaac	tcctgacctc	aggtgatcca	cccacctcag	120
cctcccaaag	tgctgggatt	acaggcgtga	gccactgtgc	ccggccccag	ttaggctttt	180
gcaattacct	agatcagaga	taatgatagc	tgtgactagg	aggacagtgg	ggaagtgaca	240
gagatggaac	aaagcctaag	ggcctgtgag	aggaagaccc	aggagtgaat	ctcagggttc	300

<210> 1396

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1396

gacaaacagt	ggcaaaacaa	cactggctaa	gaatttgcag	aaacacctcc	caaattgcag	60
tgtcatatct	caggatgatt	tcttcaagcc	agagtctgag	atagagacag	ataaaaaatgg	120

atTTTTgcag	tacgatgtgc	ttgaagcact	taacatggaa	aaaatgatgt	cagccatttc	180
ctgctggatg	gaaagcgc	gacactctgt	ggtatcaaca	gaccaggaaa	gtgctgagga	240
aattcccatt	ttaatcatcg	aaggTTTTct	tctTTTTaat	tataagcccc	tttgacacta	300

<210> 1397

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1397

ccggcgcgtg	gggactgggc	cctgctcgca	tgccgccccg	ccctcccccc	acctccacga	60
ctattttattg	agcgcctgtt	gtgtgtcacg	gggctatgag	ggccgtgggg	tgtttgggtg	120
gattatccac	acaggTcccc	gcccctgccc	gggctggagt	tgccacagcc	tgtgctcctg	180
gtcctcacct	ggagggggcca	gcaggctgcc	gtcccaccac	acgtggcctc	tgcgcccagc	240
acgggtgctct	ccgacagtgg	tgtctgaacc	cttggggacg	agggcctggg	ccgcggtgag	300

<210> 1398

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1398

ggaggaaaaa	cagtgtcttg	cacacagcaa	gcactcaata	TTTTTggccg	ttgaacttta	60
tctgaacctc	ccttagagca	tctattgtag	cctgcttggt	attctatttt	ctcatagggg	120
cctcagtgtc	tgtagcccc	aaagcagggg	cacagactct	gttagttatt	gatactgctt	180
gttcgtactg	aagagtatca	aaaggTgggg	agaacattga	aaaccaaagc	atcctgagta	240
cattcagttt	gctgttttcc	aagacagaca	ttccagatat	atagaagcca	aagtctctgc	300

<210> 1399

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1399

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gctttagaaa	ttaatgttat	tctttcttaa	gtatcatcag	gaaattaatc	aaaatggcca	120
ccttgatacc	aaaaataagg	TTTTTggggca	taacatcctt	atgaattcaa	atgttagtca	180
tttcacatat	cttccacttt	atttcattaa	gtccttccta	gtagacactg	ttcaaacatt	240
attcaccatt	tactaatgct	gttacaacat	tatttttagaa	gatggatatg	gatagctgtt	300

<210> 1400

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1400

gcgggcacgg	cggtggctcg	gtctcccgcc	tgcgcgcgga	gcgggagggc	tctcctcaca	60
caagcgcttc	cttgccgaga	ggctggagct	gcggcaccgc	aggcctgagc	caccccttct	120
ctgctgtctc	cttctcttcc	tcagggtctcc	cgtgtctgct	cgccctccga	cgctgctcag	180
actatggaaa	tgatgttaga	caaaaagcaa	attcaagtga	TTTTTcttatt	caagttcaaa	240
atgggtcata	aagcagcaga	gacaactcgc	agcatcaaca	atgcatttgg	cccagaaatt	300

<210> 1401

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1401

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gaatcaaggt	gaatcaatct	gaaattgagc	acacctgcct	gccatcgctg	ttccttcaac	120
tgagtgtctg	acatcatggg	ctctgtctgt	gagagaaaaa	tcccggtgct	tggtgtcctt	180

gcatgacatg	gagttttgca	tgtagatcaa	tttaaaatgt	acctcttgtt	tacataattt	240
gcataatttt	aaaagataat	gttgccaaac	tttggaatg	ttaatgttca	gactgaaaat	300

<210> 1402

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1402

gaggaaagcg	gtgcgtgagg	cgggcgggcca	gggcacgact	ttgaagatta	tccaatgaga	60
attttatatg	accttcattc	agaagttcag	actctaaagg	atgatgttaa	tattcttctt	120
gataaagcaa	gattggaaaa	tcaagaaggc	attgatttca	taaaggcaac	aaaagtacta	180
atggaaaaaa	attcaatgga	tattatgaaa	ataagagagt	atttcagaa	gtatggatat	240
agtcacgtg	tcaagaaaaa	ttcagtagac	gagcaagaag	ccattaactc	tgacccagag	300

<210> 1403

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(300)

<223> n = A,T,C or G

<400> 1403

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aagtattatc	tgatagaata	caagatgatt	caaaattata	tagatattta	aagcttttct	120
gctgtttttt	ttttttaatt	gcaacngctt	ttntgccng	cctntnttcc	ctacccaaaa	180
gngatgagtt	ctgancaaga	caanactgtc	atattgtaaa	nactttggta	tgngatncca	240
tanaaactcg	atnggatagc	catcctagtc	acttaccaat	actgactaaa	agttaactct	300

<210> 1404

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(300)

<223> n = A,T,C or G

<400> 1404

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catataatcc	ttcttaaagt	atactctttt	aaaaatccat	tgacataacc	ttacttttag	120
tttagtgatc	cagaatttcc	ccagagctta	aagccactgc	agtaaattag	ggtacgtagg	180
atattcagtc	gctactagcc	ccaaggagtc	tccttattta	atggacctcc	ctcagtactt	240
aattcctgca	gagcgctca	aagtggggga	agagaaatga	ancaantcnt	gggctcaagt	300

<210> 1405

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1405

ctcagtaacc	caattactag	taccttttga	agagaccagg	ctgggaattg	gtattaataa	60
taatagctga	catttaccag	gggctacca	catgccaagc	atcatgctaa	tcttgccagg	120
tccttctgag	tcagtgtgaa	tggcaggagc	accacatggt	cctttctctt	cagttcacac	180
acattgagtg	tcttcatgtg	taagtaacaa	cagagactga	gggcatatgt	attgtgtaaa	240
aaaaaatttt	gttactggga	aaatagccat	tactgggaaa	tagctttgtt	acagaaagtc	300

<210> 1406
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1406
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 ttcaaataag tttggttggt gctacagatt taaatcgact tgtttgtag gataatagaa 120
 ttctttttgc tatgaactta tcagtcagcc cagcgtctgt gagacgggtg ctgcttgcat 180
 ggtgcagtc agagtgtatt ttgcaaactg ctagcactgc ctttatgtag gacgcgtgct 240
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<210> 1407
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1407
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 atattcatag tttctgaaga tcaggatctg gatttctttt ggggcaatta ttcagctaac 120
 cacatattat aatgaggaag cacttcttgg gaggcacat aatgcttggt ttttcttttc 180
 ctaaataagag tatcactttt acccaaactg aataactcgc tgggttattt tactgagctc 240
 ttgatgctca tttctttggt cttctctgtg atgaattaat gtttctatat ggacatcatg 300

<210> 1408
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1408
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 ccaccgcct cggcctccca aagtgtctggg attacaggcg tgagccaccg cgcccggccg 120
 aaagccaact cttatgccta gaaatatgtg cacctatgac caagcccacg aattatacag 180
 gaattatgta attatgagt atgtacttca aagttattgc acatacactt gtttactttg 240
 tatgtttgca ggattaaact ttgtataatc tttttacaaa attttttttt cagtatgcaa 300

<210> 1409
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1409
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 ggagcacacc ctagtaacct cttgagatta aattacatag tcttaattt tctgttcctc 120
 catgcaactg atgtttgttt tttaaagggt aagatgctgc ctcccaatgg gtgatgccat 180
 ctgactgggt tccccatgct ctccatttca cccatctctg ctcccaccct tgctgcctc 240
 taaccaccca ctggccagcc cccttgccct actctgggct gctgaacact ggtgctgtgt 300

<210> 1410
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1410
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 gggatctcag tggaagaagt tatagaagt acgacacaga atgcattaaa actgtttcct 120
 aagctccgac acttgctcca gaaatagctt caaaaccatc cattacaaaa tcgaatcaac 180
 tgagggggc agcatttgaa aaatagaaat gttctgatga agaactctgaa ctgaagaagc 240
 tgttttatag ggttatagaa gattgtaatt gtagagaaat atttctctta gaaataaaac 300

<210> 1411

<211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1411
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 attaattaat tttcagcggt tggtatatca gaatggacat tatagcaatt tccatggctg 120
 tgtcgctcct ggcagatttt aaagttcttc cagcctgatt cctctctctg tttgggtctc 180
 tggcatgggt cctgctggag agtagatact tgataattat ctattgggtt ctgaggggat 240
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<210> 1412
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1412
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 tactgatcac ctaatatgta ccacaaaaaa atgttctaga tacttacaac acattagtaa 120
 acaaaatcgt aatccctgcc tccatggggc ttactttcta gtgtaaggag acagacaaca 180
 aacaaaaagc ctcatataca gggatattat aatatgggtat gttaaaaggt gataagtga 240
 acatagtaaa aaataatgaa ataaggcagg ataaaggggt attgggtgtg atagggtggc 300

<210> 1413
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1413
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 acgccactgc actccagcct gggagacaga gtgagactcc gtctcagaaa aaaaaaaca 120
 ctaaaatag ggtattatgc ccaatccaaa tttcaaaaac gtgattctaa gtgaaagaag 180
 gcagatgcc aagaccaggt attttctagt accatttttag gaaatgtcca aaaatggcag 240
 atcttcagaa acaaagtaac tgcaaattgtt acaaggaatc tttttagggt gacgaaaatg 300

<210> 1414
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1414
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 gtccttcttt tcattgaaaa agatattgtt taggtcctac aatggcttag gtatggtttg 120
 agactctggg gttacaaagc aaagaaaacc tggcctctgc cctgctcaga gaacagcagg 180
 gatacagcat gttagcaaat aagtatatag tgtggaaagg tctgtagtca atagcagtca 240
 ttttgacaat aggaaaagga atgtgtgaaa cttctgggtc tgtgtgtgtg ttgggggttg 300

<210> 1415
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1415
 agagcagtc tctctttgtt gcttaggttt gtcttgaaat cctgggttca agcaatcctc 60
 cctcctcagc ctccaaaat gctgggatta caggtgtgag ccaccacacc tggcctctac 120
 tttcttatat ttccttaaat agatttcctt tctttttgga ttaagaaaaa ataaacagaa 180
 aattaataat tgaacatatt ataaaaatga aagataattg taaaatcttg gtttgagag 240
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<210> 1416
 <211> 300

<212> DNA

<213> Homo sapiens

<400> 1416

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cagtgaagcta	tgattgcacc	actgcaatcc	agcctggaca	acacagtga	accctgcctc	120
acaaaaatta	tattctgatt	ttctgagtc	atgaacacat	tgtccaaatg	gatttttcta	180
gctcctccaa	gttacagata	gttccacgca	cacacagaac	tcaccactct	caaataatct	240
ccccactagt	attactatta	aatttttcaa	acatgcaaaa	gatgaaagaa	ttgctcagtg	300

<210> 1417

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1417

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ttgggattac	aggcgtgact	caccatgccc	agccacttag	ttttttctta	ttccacctt	120
tctatcccat	ataacactct	tttttatctt	cctgaacca	tattgatgat	ataaataggg	180
ctgggggctg	ggccccgctg	gtcactcaac	agagtatttc	ccttggccga	catggaagtt	240
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<210> 1418

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1418

aaataagctt	ttctttaaat	taattagaaa	ttacttgtag	gaaatgtata	gaataacaat	60
gatcattttt	tttaactaaa	tgatttacia	tagtgagaaa	gttgacctg	agttacatgt	120
tgaagaata	gtatgtaagc	tggcaacaga	aattgaaatt	gagacagatt	tcagcaccac	180
tggttgtaac	aggctcttat	tccagaggaa	acatgtcagt	tttttattag	tgagtaaagg	240
atttctgcga	agctttaaga	atatctcatg	ttgagtattg	acatgtattt	tgaatgatga	300

<210> 1419

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1419

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gctttgcaaa	gattaatcta	gcagcaacag	attggaagca	acaccaccat	tcctgggtatc	120
agtccaggta	aaatatatta	cagctcttta	ctggagcaat	aacagtaata	ttagaaggag	180
aaataaaaaa	gaaaaatatt	gcacaggcag	aatggggagg	tcccagtgat	ggagctgatc	240
ttggttcatt	gaggcagggg	tggcattaat	catgtaaaac	acaggaggag	gaactgggtt	300

<210> 1420

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1420

ggttgccaga	tataactgct	ttggagcaaa	tctcttctgt	ttagagagat	agaagttatg	60
acatatgtaa	tacacatctg	tgtacacaga	aaccggcacc	tgccagacag	agctgggtct	120
aagatttaat	acagtgcttt	ttttctctt	tgaaatattt	tactttaata	ccagtgcctt	180
ttcttggtga	acttcttgga	aaagccacca	attctagatc	ttgatttgaa	ttaatacaca	240
caatatctga	gacacttaca	cttttcaaaa	gatttggtga	tgattgcct	aattagagta	300

<210> 1421

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1421

ctaatatcca	gaatctacaa	tgaactcaaa	caaatttaca	agaaaaaac	aaacaacccc	60
atcaaaaagt	gggcgaagga	cacgaacaga	cactttctca	agaagacat	ttatgcagcc	120
aaaaaacaca	tgaaaaaatg	ctcatcatca	ctggccatca	gagaaatgca	aatcaaaacc	180
acaatgagat	accatctcac	accagttaga	atggcaatca	tagagctttt	catttatctg	240
agtgttttcc	tctgcttgtc	gggacttggt	ctttcacgag	ctcctgctct	catatcaggg	300

<210> 1422

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1422

cttgcaaaagt	atataatatc	taagaggaaa	ggtttgaaa	taagctactg	cattgggtctt	60
aagctagtcc	ggcatgtgaa	gaaacaagaa	tttgcccaga	agaggactgt	ggagaaacct	120
ctgaggcctc	cttccagagt	aaggccaatg	cagtagctta	tttccaagcc	ttgcaaagta	180
tataatatct	aagaggaaag	gttttgtcat	cccagcgttg	tccactttgt	ggggctttgt	240
aggtagacgg	agccacacta	caggcagggt	atgagcagag	ggatgtatgg	agtgtgggtg	300

<210> 1423

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1423

ctgacatgac	taccttaggg	atagagctaa	gggataataa	cttgactact	atacatttaa	60
atacttgatt	gcatgagtca	gtttattgta	gtttttgatt	tctgtaaaat	aagagaaact	120
tttgtattta	ttattgagta	agtgaatgaa	gctattttta	aataacgtta	gaagaaagcc	180
aagctgctgc	tgttacctgc	agaactaaca	aaccctgtta	ctttgtacag	atatgtaaat	240
atthttgagaa	aaagtacagt	ataaaaatag	ttattgacca	catgctacca	ggctctgcag	300

<210> 1424

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1424

tgtattcaga	agaaagcaag	gatagaatga	gtataactct	ttaaaatttg	gaggcaaaat	60
tggtctgtgag	ttgccatgga	gataggagca	atggatgtcc	aaggtctgag	gaaatagaaa	120
ctgttcgaaa	taattgcaga	gaaagcttgc	caacgggtgat	aagtaggttt	gtctagcagc	180
actgatgcgt	cgtggaagtt	gatggtcagt	aacatacagt	gtgataacct	atctgccctc	240
ttgacctttt	ctagtagtgc	tatgtcattt	tggtactaag	gtaggtgaat	tttccaagtg	300

<210> 1425

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1425

ctgggggtcc	tgcagtgcc	gccttcttag	ctcagggcct	ttgcataggc	tgttcctctg	60
cctgggtgct	tttctgcta	cttcccgtgg	ctgcatttgc	ttaacttact	cttctgattt	120
cagtctcaat	gctgcttct	taggggtaag	ccttctctga	ccctacattc	tgtagagata	180
ccccattct	gccattctct	cttttgtggc	ctgggtttca	cttgtaacta	agtcattatc	240
cctgtatttg	gtttgcttag	tacatgtctg	tcctcaagca	ggggctggct	tcaggctgct	300

<210> 1426

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1426
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 atgaaattga gacacggcaa agatcaattc aagagccact ccggggagaa tggcgggtcta 120
 aagataaagc caagactgtg ccttttaaagc ctgctgttaa gacctgagaa ggtagtgcct 180
 tagcatctc ttcagtcaca ctcaaggcct ctccgtcaaa caatagggct tctagccttt 240
 ttagcaggag cccaaggtag aggtagaaga gttcctcttg gagagatcta tgggtatagc 300

<210> 1427
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1427
 cttacctcct agaacattac ctctagaac actgtgtgcc ctgcagagcc atcgaccttt 60
 attataggcc acgtgcctc ggaaacttgg gacagtactg atgcgttctg ttgagtgcgt 120
 ttggcatgtg ggaattgtga tggtagcacag tgtcttggcc ttcactgggt ttgtaggca 180
 cactaagggt tccatttcat tcttcttcag ttgccctggc ccagcctggg tctctgggta 240
 gaggacctgc aggggcagtg gacggcctgg gctcagggtc ggtagcacc tgagaccagc 300

<210> 1428
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1428
 agaagctcca ctggcacttt tgtattcaca actaccgggt gcgataaggc agtgaggggt 60
 attatgatac cccttttcac aggttaaggaa acaaggctca gagaggttca acaacagagt 120
 cataattctt cttgttggag aattcatttt gttacatttc attcccacca tctgcagtaa 180
 gggagaccca ttaaaatata gtatcctgat ttttaaagag aaggtaacat taaggccagg 240
 aggtttggga ttgcccgaag ttcactgtgg gcttctggac tcccatgccc aacagcctcc 300

<210> 1429
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1429
 cttgaacctg ggaggcagag gttgtggtga gccaaagatca cgccactgca ctccagcctg 60
 ggtgacagag caagactcca tctcaagaaa aaaataaata aataataatt tgtgtatgtg 120
 atgactgact ctagtcatTA tggaaaataa cttttggcag tttagtctct acttggttaac 180
 aattcctctt tttaagagag gtactacatt tgatttctca atttctcagt ttgttttcaa 240
 tacaacacgc aaccactgaa atgcagaaaa tggtaatcaa gtgtgatgtt tctataaaaa 300

<210> 1430
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1430
 cccacccctt ctcttttcca ttgaacaaac atttattgaa catcctctga gcacctggcc 60
 gtgggaatgc cgtggtgaat gagagactag acgtgatgcc tctgggggtt gtgcgttggg 120
 gatgcattgc acagcccatg acccgaggca ttctcagggt atctgtgctg tgtgcccggtg 180
 agaacatctt ccatgacca ctctgccct cctgccccgt gctggatctt ccctcccag 240
 ctgggatctg ctcccaggca actgtgtgaa ttttacatta tttggagcct catctgtgtc 300

<210> 1431
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1431
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 tgggttttcac taggggttttc tgaaaaccag cagaaacagg gggcctgaag gttgttagag 120
 taatgagctt gcagccaaca tattttagct ctatcaaaaa atgcctgtta gtgctcacgg 180
 gcatgtactg cgagagagat cttgaatgca tcactttggt atcctaagaa gtgtaatttt 240
 tttccctcgt catactgggc tgtgtttaga cctcgtataa tacataatga atagaaacag 300

<210> 1432
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1432
 agtttccatt tagtttgatt ttaaaagctg ccttttgaat atctaatacc aattataaaa 60
 taaatatgtg taagtaaaat aaaatggtaa cttgtttttt ataagagggg aagttgggtg 120
 gttttataaa ttaaatgaac atttatgcgg tcggttattt ttacgtaaaa atagttgtta 180
 tattctaggg taacagaaat ttagaaacct attttctgt agaagaaagg tgttgctatc 240
 tgcttttgat ttctcagata ttgcttctc cttagaatgc tatgatcaga tttttattag 300

<210> 1433
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1433
 cagccttggg gacagagcga gaccctgtct ctaaaaata aataaataaa atattgtgag 60
 tctctgatgg ggagcagtat tgcattggtg ttgagaactg aggctctgat gttagaactg 120
 gattctgact taaccactg tttgccaca tcttgagcct tggtttcctt atctgtaaaa 180
 tggcagtatt ctggggctgg ctgaggaaag gaaatgaggc caggcgcggt ggctcaggcc 240
 tgtaatccca gcactttggc aggctgaggc atgtggatga tttgaggcca cgagtttgag 300

<210> 1434
 <211> 139
 <212> DNA
 <213> Homo sapiens

<400> 1434
 gtggagctca cctatttggg atatggggca tttgtttttt ccactgcaat gatttcagtc 60
 tggtttcac atgttggaat tcgatcacac cattttcaaa caatgttaac atagtccagc 120
 ttttgttccg tttagggga 139

<210> 1435
 <211> 239
 <212> DNA
 <213> Homo sapiens

<400> 1435
 cacactccag gctgagaaa agtaattagg aggcctgagg aggggccgag gaaaggctgt 60
 tgggggtgtg tgggggttgt acccgagcgc ctccccctca cctcaaccag agaagagcat 120
 ccggttgctt tttaaagctt ttagcctgcc ctagcaagga caaagcatgt tagattagag 180
 atgcttctgc tgatcgcagg ggttcttatt tgaaaacatc tatgatgggg gaggtgtgg 239

<210> 1436
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1436
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 ttgggattct aaaaaattct gagtgaagtt gcagtatgag aggaataaag atttcctcct 120
 ccttcctctc attttatatt gactgtttgc cagaaactgt tttcttctgt tttcttatat 180

tttgtttttg agatggagtc tcaactctctc acccaggctg gagtgcagtg gtgcaatctc	240
agctcactgc aacctctgcc tcttgggttc aagtgattct cctgcctcgg cctcctgagt	300

<210> 1437
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
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 <222> (1)...(300)
 <223> n = A,T,C or G

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gggcaggaat taatatctcc attttacaac tgaaactgaa aattagagga cttcaatgaa	120
tgaaaaatct gagtagctta tcctaccaag tggcagatta gtcatgatt cttattaag	180
tgataggact tgccaaacac caggaatctg gggaagaagt gtactcaaag aagtatgctt	240
ggaccaatct gaaaaaagaa aaanaattna gttcaaactg attgagtaac nattcacagt	300

<210> 1438
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1438	
gcagaagcca attccttgtg aaaagctgac tgccatcagt aatctcaata gaaaagagat	60
atgttttctg gagtcataaa ggaattcaat tcctagggtt tttgtttttg tttttgagat	120
gtaatattgc tctgttgccc aggctggagt gcagtggat gatctcacct tactgcaacc	180
accacttcct gggttcaagc gattctcctg cctcagcctc cccagtagct gggattacag	240
gcaccagcca ccatgcctgg ctaatttttt tgtattttta gtggagatgt ggtttctcca	300

<210> 1439
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1439	
ggggcagtca ataataatag ggaggataga aacgtcagca tggcattcca gatgagaaaa	60
ctgaagcaag ttaaaactttc tacatggtaa ccgtgattat gtagttgata tacaaagtat	120
tgactgtggg ccttcaagaa gaggttaaaa tacattcatt atattaacga gtgcatctta	180
caaaagatttc tttcaaaaag tacttgaagt ttttttgctt taaggagtaa atctcaatca	240
tctggaaatt taacttctgt ggaatacctc tttacatctt aaaggaaatg ttaatgcatt	300

<210> 1440
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1440	
aagatgtttg attcttcaga taacttttga aatgtgctat aaagggccta gtttaaaagg	60
aacttctttt gaaaagcaat taacagttag taaagggtta aataaaaatt atctagtaag	120
gaatttctta ttggaatgta aacgtgggtc taattttaaa tagacagtga tataaagaat	180
aaaaagtaaa cagtgaatt gagttctcca gggaaaaggc agacctgtt agtaaaaaaa	240
ggatgctttt ttcagtgatg tctttttttg agtgcatatg tgtgtgactc ttgaagaaat	300

<210> 1441
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1441
atccaatatt tattgagtgt ctattaggtg ccaagcacct taataggtcc tatggatttg 60
aaatgccgtc cctgtcttag atctcacggt ctactggagg acacagagaa gtaagcaggc 120
agttgcagta caatgtaaca ctgagtgtctg tctgtgtatg atgctgagga gggaggttag 180
cctgagccgg ggaagcggag cttgcaatga tcggagatcg cgccactgca ctctagcctg 240
ggcaacagaa caagcccctg tcttaaaaac aaaacaaaat cttcagagca ggcttaaaaa 300

<210> 1442
<211> 297
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(297)
<223> n = A,T,C or G

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ttagaatctt ttgccaaaga atgacaatga tgcaaaaatg ggaacagttt ggattttaat 120
tagaactggt taggagtgat gatgtgtaaa aagttgactt ctcttttgca tggcacagag 180
aaattatatt ccttacttca tgtcagttta tgttctaaat ctttttctact gaatataaaa 240
atcttggttaa atgccattag gcaccaactt aaagaggggt gtaaaaatat taaaagt 297

<210> 1443
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1443
actgaactaa tatcaatddd aaataatatt gctattcagc ttcaaaagac agagcctcca 60
gcatattatt attattatag taatctgatt ctttagaatt cagagaactc acctcattag 120
tgctcccttg ctctatctgg ccctgtggga aaataccctt gcatctttct atgggtatgg 180
tccactgtat cccatcatga ctttaacatt tttgaagtat tgggtcttta aagtaagcaa 240
acaaattccc ttgttacatc aaattcaaat acagtaatgc attacaggac aaattaaagg 300

<210> 1444
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1444
gcctgtcgtc ccagctactt gggaggacaa gtcagagaa tcgcctgaac ccaggaggca 60
gaggttacag tgagctgaga tcgcaccact gcacttcagc ctgggtgaca gagcaagact 120
ccatctcaaa aaataaataa ataaaataaa ataaaatata aagtttgctc cattgttgac 180
ccattgctgc tgataaaagt gtatactgga atgcatgtaa accatatatt taaaatgtat 240
aggctgggca cagtggctca cgcctgtcat cccagcattt tgggagacca aggcaggtgg 300

<210> 1445
<211> 161
<212> DNA
<213> Homo sapiens

<400> 1445
gtgtgttctg tgggaggggtg tctgtgggga tgtgactatc aggggtgggccc tgtgctgggg 60
atggggcagg cctgggtctg gagaggattt tgtgtgaaag taaatgggggt gtttgaggcg 120
tatgggtggc tgttggtgtg gggaggcatc tgtgtatggc t 161

<210> 1446
<211> 300
<212> DNA

<213> Homo sapiens

<400> 1446

taaataagtt	gatattaatg	atataagcat	cacacaat	tacattaaga	aatactgtgc	60
aggccatgcg	tgggtggctca	ggcctgtaat	cccagcactt	tgggaggccg	agggtgggcag	120
atcaccggag	gtcaggagtt	cgagaccagc	cttgccatac	atagtgaac	cctgtctcta	180
ctaaaaatac	aaaaattagc	cgggcatggt	ggcaggcacc	tgtaatccca	gctactaggg	240
aggcttctga	accaggagg	cagaggatgc	agcgagctga	gatcgcgcca	ctgcaactcca	300

<210> 1447

<211> 251

<212> DNA

<213> Homo sapiens

<400> 1447

ggcactcacc	gcctcctccc	tggtacacag	gcttctgtgg	ggccaccaag	cccctcctgt	60
gccccctccc	atccatagtg	catgggtgtg	ggtgccccca	gggctccagg	acagatcagg	120
ccccaccttg	tgtctacccc	catccccgct	gtgaacgtgc	cactgaataa	agtcggggaa	180
acgagaaaaa	aaaaaaaaaa	aaaaaaaaaa	aaaaaaaaaa	aaaaaaaaaa	aaaaaaaaaa	240
aaaaaaaaaa	a					251

<210> 1448

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1448

ctggaattag	tggcttgctg	ataatctcat	tttataat	gttcagcaat	ccagcaagac	60
caacttttta	aaaaaattaa	taacagtagt	tttatgaaaa	ctaagtaaga	aaacagtttc	120
cacctatttc	tgaggctctc	tttagaagga	gtaacagaca	gcttttattt	ctcttaaagt	180
tataaaaaatc	acaatcgcaa	gtcacaatga	atactgggaa	gggaaattac	ttttgcagag	240
tgatcaagta	aatgatagcg	ggggctaaac	tttttttagta	aacttgtgaa	gattacatac	300

<210> 1449

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1449

atgactgagt	gtatacccta	gttaaaatga	tcaggggaga	cttaactgaa	aggggtaatt	60
gagctagatt	tgaaggatga	ggagtagcag	actagtcaaa	gaaagggaga	gaagaacata	120
cctaaacatc	tgatcaccag	tgactgagaa	agttatcagg	atcaagtgga	aagagaaagg	180
actagcagag	ttacaggtta	gagaaacagg	taaaggctac	tatggacggc	ataatagtgt	240
catcccatgt	tttgtctctt	aagaacagtt	gcaaactatt	gaaggtttta	aagctgtgtg	300

<210> 1450

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1450

attgtcttgt	gttatgggtg	ttcagcattg	gattcagcag	ccagcttcct	agtacgaagg	60
caacgattac	ctccacaggg	tcccttccat	tgctctctg	catcattttc	ctccaacttg	120
aataaatgtt	ctaccacact	ttctccttta	ttttctctac	cccctgtacc	ccgctccctc	180
tcacaattaa	ctctacagca	gaatgtgaat	tctctgattt	tagaataact	attttatggt	240
aacttcaa	atctcctagt	tgtatccaca	ttcagcttgg	gtaggtacct	tcatagtagc	300

<210> 1451

<211> 300

<212> DNA

<213> Homo sapiens

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<400> 1451
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gcagcagcag ccacactccc accatcctca cagaattcct ggacccatgc ggtggctccg      120
tgagctgggt gactccagcc tcacctgcac accccagccc tgcacggggc cctccttcct      180
cccagcagcc cttgggtgagc taggaattga gatccctggt tgtgaaagag ggaactgagg      240
tgcagagaag ccagaggtgt gccagatcct taggcaggat ttagatgaag tcgccctggc      300

<210> 1452
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1452
aaaacacatg cacacatggt tattgcagca aaccaccatg gcacatgtat acctatgtaa      60
caaacgtaca cattctgtac atgtatccca gaacttcaag ttaaagaaaa aaagaaaaat      120
atattagttt agcaacattc aaccttatcc tatataaatt atgctaagaa ctttgttaga      180
taaattctat tataaaaggt cctagctagt agtattaaat ttgttggtgt tgtaatttat      240
gtacaacaaa attcacccat tttaggtata cagtttgaat gctttttggt aattatataa      300

<210> 1453
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1453
tgagtactta tgaaaaattg tgagaaattc attgtgtggg attttcacca ttactacatg      60
tatttggaag taaaaattgt atgactatgt atatgaaact tgttcattgt ctaaaaaata      120
ccctccattt ataatatggt tttaaaattt gccactgaga agtacaaatt tccttcttat      180
ttcatcttag ttatcaaccc agagtcactg gaggcaatgc agtgtagtgg ttaagcgtgc      240
agattctgaa gttagacaag atttgggttg gaatcctgac tctgccactt actagctggg      300

<210> 1454
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1454
acctaatttt tgagaacagc aagccctatt tgaccactct cttcagcctg tgtgttcctg      60
ctgttttgaa gtaatcaaat gctgtgcatg gtattttacc tgagctgcaa cctgttatgg      120
acttgaactt ctgtttaagt tgaaagcaag agtccctgag tataaaggaa aaacagcaaa      180
acaaaaagca acaaaaaaaa aactgcaaaa gtctaaaata cccattgggt atgtttttta      240
aaaaaatctt gctttcagct ttcaggagtt aatattcttt gttttaattt gataattgga      300

<210> 1455
<211> 300
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(300)
<223> n = A,T,C or G

<400> 1455
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tggtggtgct caccatagat tccagctact cgggaagctg aggcagtaag atcacttgag      120
cccaggaggc cgatgctgca gtgaactgtg attgttcacac tacagtccag cctgggtgac      180
agagaaaaga aaaagaaaac attacataat ttggctagag cataataatt tgattttctg      240
gtttttgaaa atttgagttg cataaaagga nnnnnnnnnn caaggnttct acaaggngnn      300

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<210> 1456
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1456
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 aatggaagga aaataaaaag atttcagaga gtctgatcaa taatagcttg tgggtcctag 120
 tgagtggagc agtgtataaa gaggtaaggt ttttgagga aaaaaatact atgtcaaata 180
 gggggtgaat gataaaaatc gctctcattt tccttttttt cacctttcat cttcatttat 240
 ggaatttcta tacaataaat atgtttggca ttttaataaca gtgcctctcc cccggaatac 300

<210> 1457
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1457
 acgaaatagt gacatgcact tattagattt ggaatctatg ggcaaaagtt cagatggaaa 60
 gtcgtatgtt attacgggga gctggaatcc aaaatcccca cattttcaag ttgtaaatga 120
 agaaactcct aaagataaag tcctgtttat gaccacagct gtagatttgg taataacaga 180
 agtacaggag cctgttcgat ttctcctgga gacaaaagtc cgcgtttgct cacctaata 240
 aagattattc tggcccttca gcaaacgtag tactactgaa aattttcttt tgaaactaaa 300

<210> 1458
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1458
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 agaaaaagc atatcttcat tgacataaca gaagtgaat ggcccagtc tgatacagat 120
 ggtaccatga tatatatgga gagtggcatt gtgaagataa catctttaga tggatcatga 180
 tacctctgcc tgcccagatc tcagcatgaa tttacagtac attttttgtg taaagttagc 240
 cagaagtcag actcatctgc agtggtgtca gaaacaaata ataaagcccc aaaagataaa 300

<210> 1459
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1459
 gtattcatga gaggcaagt ataggttact agggatggat tgtgtgggag aaataatgca 60
 gaggaaatga tgatcatctc cattgaatga cagctgttat atagcaaaga taaatgtaaa 120
 attagtctta ttcttggaag tggaagacag cagttatcag agaggagaat ttaatcaaaa 180
 gaatcagaat agcatgggca caggccagat tcacattgaa gtatttactc tatattttac 240
 tgctgttaca ttcaaaatgt atcagaagtc tcatggttca attaataaag tgttattcgc 300

<210> 1460
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1460
 tcattgtgta ataaaaatggc agtttccaaa gatggatgtc tttagttttt aaatgacatg 60
 ttgatttttt tcatgatata tgcaaatatt tttgtctttt ttgacctcag aacaaatgta 120
 aagcattgat tggagcacac acaaaaagta ggaaatatgc tgcttggcaa ctgagtaaaa 180
 gtaaatatat agtctcttaa acttccaaaa aagtatacaa tagtacagga tgggttctat 240
 tcacaagctt tctgtctgta accgtaaaaa atatcactat ctaaaaataa tatcagaatg 300

<210> 1461

<211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1461
 ctgggtctca ggcctttgaa ctcaaactgg aactacatca ctggcgctcc tggctctccag 60
 cttgctgact gcagaccttg aaacttctcg ggctccatta acctctttta tatatagaga 120
 gagatacata cacacacaca cacacaaaca tacacacaca cacacattgg ttgtatatct 180
 ggagaatcct gattaatata cccgataaat tcaaaacaaa acaaaacttg aaaaaaaaaat 240
 ttttcaggtg aatatttgtt ttttagcatc tgagtttcag tccaaacagg gaaggaaaga 300

<210> 1462
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1462
 tgagacagag cagccccaga acacacaccg gggagtagag gagcctaggc cacgtaccca 60
 acattgcagg cagagaaaaa agaaagtgtg ttccatgtaa gcaaatgtta tttggacctt 120
 tctctctgtc tgacctaatc atggctcaca gaaagtaatc atactcctaa taatacatca 180
 acttatctga tttatccaca caatcacgta gattaatgta tgcttctatt tcctggctgc 240
 tttagcataa tattgatcat aaattgataa ataggaataa aacaatataa ttagattaat 300

<210> 1463
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1463
 caaaaacaag caaaacaaaa cattttaatt gttatgcata gtatatatgt gcatttttgt 60
 taaattaaga cttataatct cataatgatc atgatttccc ccaaagtctg atgatgacca 120
 aatttctatt tctgtcccag accttgaacc cccagcctaa aaatcagatt gcatattgga 180
 tgtttcttcc tggaagaatg tcaaactgaa caagtctgaa actgatcttt gtgcatcaca 240
 acccagccaa acctgttact tctcctacat tccctttctt ggtgattggc ttgtccaccc 300

<210> 1464
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1464
 agttgtatta ggatctttat gtgtggccaa ctcatataat tttcagatta actcagaaat 60
 attgttcctt tattttgcac atgaggaaac tgaggctcat atgttttttt cttctttatt 120
 ttttattttt agagacaggg tctcgtttca ttgccctggc tgggtctcga tttctggtct 180
 ctgggtctca gcaatcctct cacctcagcc tcccagttac ttggaggatg aggtgggaga 240
 attgcttgaa cctgggaggg ggaagttaga gtgagccgag attgtaccac tgcaactccag 300

<210> 1465
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1465
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 ccctacacta agctttattt atattttaa atcagtgattcc aaacttttaa tgtataacat 120
 catgttaatt ttgtaacatc aatgggtttt tttaaaattt caagatattt atcttggtac 180
 ttgtattgga cagttctaag aaatcttaga gggataactg tcttacctgt tttttaaaaa 240
 agatcagctt gcaatcttct gcttcaacca tatctgtatt agaatacagt attattttcta 300

<210> 1466
 <211> 300

<212> DNA
<213> Homo sapiens

<400> 1466
gatcaatcca agctcctaaa catggtattc acagtacagt cctaaaaaca ccatccccaa 60
cttgctgtaa acccaaaatg gcgggggcct cccagatata ctatgtctgt gcctttgtac 120
cagctggggc ctctgcctgc aatgccatct ccatctcttc catccccttc caggagacgc 180
tagcactcac tctctcctcc tctacatacc atcattcctc ctctgaaga gctactctcc 240
ctaactcacg tgtcacaaca acccacctgc cattatcctc ctcttcatct tcacaccggt 300

<210> 1467
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1467
gacagctgag gcccttgaa ggcagatcca actcctcctc cagcgacacc actggctcct 60
tcacagcttc actccaagaa acttctagac cccccagggg gtgtctcaag tgaaagtctg 120
gccccacatc taccaccaag gatggcactg gctaggactg cttcaggtct cggttaacct 180
aggtcaaagt gtccttgggc gcaagtctga gttaggctgc agaaacacct gctacctccc 240
ccaggttcac actgacagct gccgggcctg ggtaggcac agccagtgc cacttcatg 300

<210> 1468
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1468
cctagttaaa tcacaacaag ttagtaatcc ataatgatg tgcctgttt ctctttagta 60
gaaattatat ttttggctac cagttaagaa acttgtaact ctttgtccct tatgttacta 120
taaactcaag atgatgagtt ttgtggtatt tgacttcata ggcaaaatca aaatttttac 180
tttgttgcta ttctgtttta tgaaataaac ttctgtctat gcatttgaac taagtttcag 240
caaattcaat ctaaattgaa taattccagc tcccagtttt atcctatgtt gtcataaaaa 300

<210> 1469
<211> 300
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(300)
<223> n = A,T,C or G

<400> 1469
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tgtgcaagcc cagggtaggt ggcaccacgt ctgccaatct gcaacgcact ggtatcttcc 180
agccagtaga ccttgctccc tgggtgccca gttctggatc tcaggaaagg cggattaagg 240
ctcctaattg cgggacctgg gtggggattt gntgncctnt ggtggcanaa gggacatcac 300

<210> 1470
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1470
gaggattagc catgctgggg tctcttgac aaaaggctgg tactgattga aaaattccct 60
gagtatgtct agaagtgtca ggctcctctg gaatcagtta cagtgggatt ggctgcttag 120
gtataatctt tataagatta aaaattatag attatttggc agcttggttg aaagtgttgg 180
tcccaagaaa aagtctctgt gtgtgttatg gcagaattat taacaaaaat acattcttaa 240

gttgaggttt ctaagtaggc ttttgtaaaa acaggcaatt acttgctgga ggcagttaat 300

<210> 1471
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1471
 attcgatttg ggtcgcaatt acacagacat tgacgggcaa ctggagcctc ccagggactc 60
 ctgcacgaga gggagttact gaagtccttg cagagtgact gttttccctt agtcagtgcc 120
 tccttttctt caggtctcaa ggacgggatg agcttgctt ggaaagcttt gagggagtct 180
 cgtattttac cttcatagca aaagttgttt cccacttct ctccaccatt tcttattttt 240
 tcctgacagt tgttctggca catctcttga tcgattgtag tattttcttt ctttcttttt 300

<210> 1472
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1472
 agttgctgtc agtcttggtg tggaaaggag acgcatctat gacattgtaa atgtgctgga 60
 gtgctgcat ctggtcagcc ggggtggctaa gaatcagtat ggctggcatg gacggcacag 120
 cctgccaaaa accctgagga acctccagag actaggagag gagcagaaat atgaagagca 180
 aatggcctac ctccaacaga aagagctgga cctgatagat tataaatttg gagaacgtaa 240
 aaaagatggt gatccagatt cccaggaaca acagttactg gatttctctg aaccgcactg 300

<210> 1473
 <211> 148
 <212> DNA
 <213> Homo sapiens

<400> 1473
 catccctgga gcagcttcca acactacttc aggggtggcag tgtttggggc actgggagag 60
 cctgcccggcc tctagatggc ctcatctctt ccttcacaa actgtctaga accaataaaa 120
 ggaaacctgc caaaaaaaaa aaaaaaaa 148

<210> 1474
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1474
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 taaaagatcc taagactgct gctgatgtgg tcagccctgg ggccaactct gttgatagca 120
 gagtgc aaaag accaaaagaa gagagttcag aagatgaaaa tgaagtgtct aatattttga 180
 gaagtggtag atccaagcag ttctataatc aaacttatgg aagcaggaag tacaaaagtg 240
 attggggcta ttctggtagg ggtggatc aacatgtgag aagtgaggag tcctggaaaag 300

<210> 1475
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1475
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 aggtctgtgg caggttcca cgggagaagg aggatgctgc atgtctggga cttgtgagga 120
 ggaagcactg aagaaatcta tgtggcacac ggaggtgttt tcaggtgttg aaccataggg 180
 aggtctacgt gatttcctca ttaggaggat tagagagggc agagtcagga aaccaataga 240
 ggaggcctgg actaaatggt ggtagtggat atgtctgagg ctggggatca ggctctgggt 300

<210> 1476

<211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1476
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 agggctagag cctttctttt ttatggcact tctttttttg agatagggtc ttactctgtc 120
 accctggcta gagtacctg gtacaatcac ggctcaatgt aggcttaacc tcctgggctc 180
 aggtgtatgt cactatgccc ggctactttt tgtatttttt ggtagagacg gcttcgccac 240
 gttgccacag ctgcaagcga tatgcctagg ctcaagcgat ctgccacact caacttccgg 300

<210> 1477
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1477
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 aacatgagtg gagatataga tgaaagctaa ataagcattc actgtgtctt atcaagagtg 120
 actaataagc tgacagcttt atttgagttc tggtaagcaa attaatatca tataaatcat 180
 tacaatttgg ataaagcaaa acctgttatc aaatttaaaa actgtttaat aattcaacac 240
 tccagtgggt tgccttggtt aagcaaaagg attctggcca agatatttta cttcagctct 300

<210> 1478
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1478
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 catggggact gagtacacag atgaagacac agaagcatag agaggataag taatcactag 120
 caagtggaag aaccgggatt cagatccaga acaggctgac tccagagtca ctggctgtca 180
 tgtagtttcc tcaactactg cctcagctct acaatcccag agtaaagctc ttctccaaat 240
 gaagagccag gaagaggtag aggtggcagg aattaaactt tgtaaagcca tgtccctggg 300

<210> 1479
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1479
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 gtgtgatgtg acttgctc tctccaagg cagtattact cataaattct tctttagcgg 120
 tactgatcta tctgtgcat cgtcagtc accacatata ttaagaccta ggcacagaac 180
 aattctatct ctataaaatt ctagaaaatg caaactaaac cataatgaca aaaagaatat 240
 tagtggtttc ctagggatgg gatgtgggca aagagagacg aaagaaggag ggattaccaa 300

<210> 1480
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1480
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 tgtttaaaac aagccccaat ccacacttga tcttcttaag ctaggaaaag tgagctcaca 120
 ctgagtgtcg gcaggatgct ccatgtgcat cattattttg tttaattctc acaataactc 180
 tctaaatccc ttttgaggat aaggagactg gggctgggag aagttatttc aaggagtaaa 240
 taaaaaattc agaccacactt ggggttttatg ccaaaggctc tgtttttaca aatacacaat 300

<210> 1481
 <211> 300

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<212> DNA
<213> Homo sapiens

<400> 1481
aattcggcag ctccctcaaa gaaaggagaa ctaggaaaat gttttcgcca tctcccaaag      60
atgataggaa agttctgagc agggttctgg gtatagcccc ttgtgagaaa ttcaaggccc      120
aatcaatgcc atagatgagt tatatatccc aaatttacac tacttatgta ggtgtagtaa      180
cctccaaatc aataaattaa tataaaattg gcccaggact ggtgaaacct agagtcctgt      240
cagaagcaaa tacaaagcag ccctttaaca acagttttta atttagggcc ttcaagaccc      300

<210> 1482
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1482
ctgtagtcct attttgccat atgacatgat tgaaatcaac acctcttaga aatagttttg      60
ctgcctcata attgattacc atcatgataa cctgtagtca gtgtgaaata gagataaaaa      120
ttaatgtact tagttaaatg catatgaagg tctaactctg ttccagagtt actcttactg      180
gattatTTTT agatttttat taacattact ggtctctaac ttactcagt ctggataaga      240
aaaagaatac catgcaattg ttaactatTT gatgtttact agattaacta ttaatatatt      300

<210> 1483
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1483
aatgtgtatg cggggctggt ggggaacagcc cgggtggcgg ggggtggatcc ctggtgtgag      60
cctggcttcc tgtctgctcc aaggggcgtg gaacaggacg gactcaggtc caaatccctg      120
gtttctctgc ccttagtggt gtggccgtgg gcaaacgcct taacttccgt gagctttgac      180
agtctgtctg ggaggcaggg ctcaggcatc cctggcctct tggggttggg tgagagggag      240
acagaggttt gtgaagcgct ttgcacacct gggcatctgg tcagtgttca gtaaattgcc      300

<210> 1484
<211> 297
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(297)
<223> n = A,T,C or G

<400> 1484
gggccacgac taccaaattg gcccctaccg caagaacctg ctatgctacg accaccggac      60
agacgtgtgg gaggagcggc ggcccatgac cagggcgcgc ggctggcaca gcatgtgcag      120
cctgggtgac agcatctact ccatcggtgg cagcgatgac aacatcgagt ccatggagcg      180
cttcgacgtg ctgggcgtgg aggcctacag cccgcagtgc aancagtgga cccgcgtggc      240
gccgntgctg cagcctnca gctagtnggg cgttinctana tгнаacngcc ctattta      297

<210> 1485
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1485
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tttattttgc acatgaggaa actgaggctc atatgttttt ttcttcttta ttttttattt      120
ttagagacag ggtctcgttt cattgcctcg gctggctctg aatttctggt ctctgggctc      180
aagcaatcct ctcacctcag cctcccagtt acttgaggga tgagggtgga gaattgcttg      240

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aacctgggag ggggaagttg cagtgaagccg agattgtacc actgcactcc agcctgggac 300

<210> 1486

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1486

agaaagagtt	gtgttgga	aaa	tttgactttg	gctaaccag	aattgtatag	tttctatatt	60
tttatttgtt	tttaatgtta	ccagatggg	gcagtagagg	tggcaacctt	atagctccat		120
ctggcagccg	ggagcttatt	ttagtcaaca	caaactgtaa	ataccatacc	atagttatgt		180
tttacctgga	agtcggactt	agttccataa	actgatcatt	ttctgtggct	tgtagtgttc		240
aaattgtata	atattcctca	taaaataata	tagaaatata	gaaataaaa	gtataataaa		300

<210> 1487

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1487

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gcgaatgcta	gaattttatt	ttttttcaca	tagtgaaaag	gtgaaattgg	tctgtcttcc	120
tctttacttt	agctgctagt	aagggtgaaa	caacgatggg	gcccaaattt	aacagttagg	180
tgacatcttc	ttctacgtgt	gctaagatta	cccagacttc	actttaccct	tatttccac	240
tgactttgat	ccctttactt	ggttttattc	tgtagtatgg	attttttgca	tcttttcagt	300

<210> 1488

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1488

gcaacgtgtg	cggtcgggag	attccggagc	ccctgcgtgg	aggaactgct	gggcgggagg	60
agacgccggc	ggctcgggag	atggctgacc	gcacacgttg	ccacctgag	gtctttctgg	120
aagtggatat	ctactcagac	agtaagaatt	ataagagctg	taagagctca	ttttggagga	180
ataatggatg	aaccatctcc	cttggcccaa	cctctggagc	tgaaccagca	ctctcgattc	240
ataataggtt	ctgtgtctga	agataactca	caggatgaga	tcagcaacct	ggtgaagttg	300

<210> 1489

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1489

ccgtgcctcg	cacggcgatg	agaacagcga	gggtgtggcg	agcctgtgcg	cccgcagcct	60
ggcagaagag	gctctgcgca	cggacatcct	gtgcaacctg	cccagctaca	aggccaagat	120
acgtgctttt	caacatgcct	tcagcactaa	tgactgtctc	aggaatgtct	acattaagaa	180
gaatggcttt	actttacatc	gaaaccccat	tgctcagagc	actgatggg	caaggaccaa	240
gattggtttc	agtgagggcc	gccatgcatg	ggaagtgtgg	tgggagggcc	ctctggggc	300

<210> 1490

<211> 104

<212> DNA

<213> Homo sapiens

<400> 1490

ggaagaggga	agaagagaag	ctggttat	ttt	ctagaggatg	tcgtaatcta	catcacaggc	60
agaactgatg	gctcagtggc	tgagtggcca	gtatatgtc	tttt			104

<210> 1491

<211> 300

<212> DNA
 <213> Homo sapiens

<400> 1491
 ctggatccag tccaggccag agcctcctct gcagagaagg tactagggtgc ccatgcacag 60
 ggtgactgcc agcctcgtgg agtgggggca gtggtgtccc tgcgggcggg cttggtcttc 120
 tgaggccatg tcagtgccac ccagggccg ccctccatgg cagtgtgggg ccaacaagcc 180
 tgtcttccca tttttctgag agaggctgga aatcctgttc tttttatata taaagtgttt 240
 ccttttcaaa atattggcaa ctaagtaa at ccaacaaag tatgggcaa atcatggcac 300

<210> 1492
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1492
 gaccaaggag atgtgagtga aaatgatgca ggctgcttcc aggtgtgacc agtaagatac 60
 ttccacata atcttcctac tctttcttcc ctgtttggca tcccatgtgc taagaatggg 120
 aaccctgagg tcctatatgt ggaaccataa ggtaaagtgc tttgggctct gaatctcaca 180
 cagggtcac tgagaataag aaacatcctt cttgggcttt gtatgaataa gaaaatacta 240
 gcaaattttt aagaaggaag taattccagt atttcacaaa cccttccaaa gaatagtaaa 300

<210> 1493
 <211> 298
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(298)
 <223> n = A,T,C or G

<400> 1493
 gaacctttga atagtgggtg tacatacagt ttttcagagc tgggtgttta taacaatatt 60
 tttcattcta atattacatt attcttttta tcatttaggt ctttatccgt cagtgttttt 120
 agagaactac tgcacttgac cacaactga taaatacttg gtactgcccc atctcactgt 180
 tctgtttact ttgtcttaaa tatctctttt ttttttccca ggcagctagt acacnactga 240
 atcctttaag ctttcanngn gaatttgna anctcaggat tgacctttta caagcctt 298

<210> 1494
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1494
 gaaggcacga attgaattgt gggaacagga acattcaaag gcatttatgg tgaatgggca 60
 gaaattcatg gagtatgtgg cagaacaatg ggagatgcat cgattggaga aagagagagc 120
 caagcaggaa agacaactga agaacagcca ggctggctct gaattcctga cctcagggtga 180
 tccacctgct tcggcctccc aaagtgctag gattacaggt gtgagccacc acgcctggct 240
 aattttgtat ttttagtaga gatgggggtt ctccaaaggc tgggtcttgaa ctcccgaacct 300

<210> 1495
 <211> 196
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(196)
 <223> n = A,T,C or G

<400> 1495
 ggatataagg ccaagagaca aaaaagccat agcctgaaag atttagcaat ggtggagtaa 60
 tgtctccctg tgctgataca agcatgaact ttctggaata ttctgctagt ctgaaattac 120
 agcaggttgt ctggggtagg ggggaggcgt tttttttttt ttttnnaann aggnctnncn 180
 tnngncccn aggggg 196

<210> 1496
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1496
 ttttaacagt gtgccttttg ggagggaccc atgtccatgg ctctgctgag ggccatccat 60
 atgccagctg ggggccagcc cacagtggcc atattggctg cagcaggaat ggtgcccacc 120
 tcggcgaatt gaagggctaa gagtcccaga tagctaggcc agagctggaa gcagacagta 180
 aggggaagag ctgctccac aggagaggga gagattccag ctactgcgc agcctgggag 240
 gaggcgtgga tcctggcacg ctgagcctca ggcaccagcc tcctgtgct cgacagcaaa 300

<210> 1497
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1497
 agcaacccta gcaatagact gactctacta caaaacaatt tggttatttc tcttactatt 60
 tctctattat atctgttgag ggaatgttat catgagcaca ggtattagtc ctatgctttt 120
 aatcggttta gtggtttcct tgtgtctcat tttattcatt tgtaattttt ttaaagacta 180
 taaaacttcc acagtttctt tagatcatta agttatatga ctctttttca tgggggtcag 240
 ttaacaatac ataagaaaac atttgttcta ggataatata tgacctaaac gtcttttgtt 300

<210> 1498
 <211> 119
 <212> DNA
 <213> Homo sapiens

<400> 1498
 gctagtctga gttttttttc cttttactct ggtattgaca ctttttctgt gatcattgtt 60
 aattagtac atagtaacat ctgtagcagc tggttagtaa acctcatgtg ggggaggtg 119

<210> 1499
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1499
 gttgaaacac gaggtataaa tgaccaagga ttgtacagag ttgtgggggt gagttcaaag 60
 gtccagagac ttctgagtat gttgatggat gtaaaaacat gcaatgaggt ggacctggag 120
 aattctgcag attgggaagt gaagacaata acaagtgcct tgaaacagta tttgaggagt 180
 cttccagagc ctctcatgac ctatgagtta catggagatt tcattgttcc agccaaaagc 240
 ggcagcccag aatctcgtgt taatgcgatc ctttcttgg tacacaaact gccagagaag 300

<210> 1500
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1500
 atgatgtaaa gtctgaaata tacagctttg gaatcgtcct ctgggaaatc gccactggag 60
 atatcccgtt tcaaggctgt aattctgaga agatccgcaa gctgggtggct gtgaagcggc 120
 agcaggagcc actgggtgaa gactgccctt cagagctgcg ggagatcatt gatgagtgcc 180
 gggcccatga tcctctgtg cggccctctg tggatgaaat cttaaagaaa ctctccacct 240

tttctaagta gtgtatcaaa atctaaacca aggagtctct ggacaagaag ctgggagagg 300
 <210> 1501
 <211> 300
 <212> DNA
 <213> Homo sapiens
 <400> 1501
 caactcctga gacatacact cattgatgat tcatcacgaa atgtttaatt atattgagca 60
 tgacgctagg accaggagga catttgga ccgattacc cagaccttac tttcatgtga 120
 aacctttgga aaaggcacia ctaaaaaact ggacagaata cttagaattt gaaattgaaa 180
 atgggactca tgaacgagtt gtggttctct ttgaaagatg tgtcatatca tgtgcctct 240
 atgaggagtt ttggattaag tatgccaagt acatggaaaa ccatagcatt gaaggagtga 300
 <210> 1502
 <211> 300
 <212> DNA
 <213> Homo sapiens
 <400> 1502
 gttttttaaa gaacttgata aatttacctt aaaatttaaa taaagtatac tgaataacta 60
 agtcaactta gaaaaaaaaa agtggttatct aagacaagtt acaaagccat caccaaagcc 120
 catgatccgg cagacgacta caagcatagg gtcagatcca tctataaatg agagcctgac 180
 atacttcac tatagcaaac atgggagaca aatcagtggt aaaatgatac agtgtttggg 240
 aagtgttatt tgaagatgg gcttatttaa tgtatacaga tgaactcaat tcctctgtaa 300
 <210> 1503
 <211> 261
 <212> DNA
 <213> Homo sapiens
 <400> 1503
 aaaaagaaaa aaaaaattag ccaggcatgc gaaacgctga ggtgggagga tcagatgagc 60
 ttgggaggtt gaggtgcag tgagccttg tcatgccact actgcgttct agtctgggca 120
 acagagttag accttctctc aaaaaaaaaa cccaaaattg taaaattact tctatagcta 180
 tattttatga taaagaagtg attgtttctc aaaatcgcat tttaaggacg ttttatggta 240
 cttgttgga ttgggactta g 261
 <210> 1504
 <211> 300
 <212> DNA
 <213> Homo sapiens
 <400> 1504
 aaggtgggtg gatcacaacg tcaggagatc gagaccatcc tggctaacat ggtgaaaccc 60
 tgtctctact aaaaatataa ataaattagc cggacaggcg cctgtcctcc cagctactca 120
 ggaggctgag gcaggagaat ggtgtgaacc tgggaggcgg agcttgagc ggcaccatca 180
 tatagctcac ttagcctca aactcctggg ctctagtggt cttccactt cagcttctgg 240
 agtagctggg gctactgcac ctggaattgt cttaactctg tttaatacta ttaaaatttt 300
 <210> 1505
 <211> 300
 <212> DNA
 <213> Homo sapiens
 <400> 1505
 aattttcctt atatgttctt tgacccttga attacttaga aatgtatttt ttaatttcta 60
 aatacttaca ggtttaaaaa ttttgtttc aattactaat ttaattctgt ttcacagaa 120
 agcagacca tcgtggcatt gaaacttgag ttatagccta ctatcatgat caatttaaaa 180
 aatatatata tagggctggg tgacgtggtg cacatctgta atcccagtc tttgggaggc 240
 tgaggtgggt gaatcacctg aggtcaggag ttcaagacca gcctggtcaa catgacaaaa 300

<210> 1506

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1506

aaaaaaaaatt	gtggtgattc	acacctgtaa	tcacagcact	ttgggaagcc	gaagcgggag	60
ggtcctttga	ggccaagagt	tcaaggccag	cctgggcagt	ataatgagac	cctgtctcta	120
caaaaaattt	ttaaaagtaa	agaaatttta	agataactaa	atactacata	gtcatatatt	180
ttaaatattt	attacataaa	ggtaaaccaa	atagaagagg	aaataatgtt	atgccctact	240
tcatatgacc	aaaaactgga	agatagtgtc	tgaaaatgaa	aatgattgta	ttgggaaggt	300

<210> 1507

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1507

atgacttcct	agctttaccc	ggggtttttt	ctgcaggtgg	agaaggggtg	agtcctccca	60
gatggttctt	tctttgctcc	cctaacagcc	tttaagatgt	ggctacttgt	ttttcccacc	120
gtttaacacc	ctccaacttc	at ttggagca	cgggttcctc	aagggatcct	gagagctggg	180
tgctgggtgc	tggtttggag	aggcaggatg	atgcttctcc	cggctgggga	gagcagagca	240
ggaaggctgg	ttggcgccat	gaggaaagag	ccacgaggtt	ttagctccc	aaccgactcg	300

<210> 1508

<211> 252

<212> DNA

<213> Homo sapiens

<400> 1508

cctggctaac	agggtgaaacc	cggctctctac	taaaaatagc	aaaaattagc	tgggcatgga	60
ggccggcacc	tgtagtccca	gctactcagg	aggctgaggc	tggagaatcg	cttgaacttg	120
ggaggcagag	gctgcagtga	gccgagttca	cgccactgca	ctgcagcctg	ggcaacagag	180
tgagactctg	tctcaaaaaa	aaaaagtgtg	gaaaaacttg	actttaactt	caaagtttaa	240
tttgaaagtt	ta					252

<210> 1509

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1509

caggactcaa	gatgactttc	taaggtgatt	tggggatgca	gtgtatgcat	ttttttactc	60
tttttgaaaa	aaatcttttc	ttcgcttttg	gagtgttaaca	tttgatagt	tttattcagc	120
ccataatagg	accaaaggga	aggggataaa	aaaaaattct	ttaaagtacc	tcagataaaa	180
aggttttgtg	aagaaaagga	ctcaaaatcc	taggttatac	caagacttta	tgttcatttt	240
gaattttctt	tattcatttt	tttcctctct	gtgtatagaa	taatcaggag	atattggtgg	300

<210> 1510

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1510

gggacattac	cagtcattgca	aaccaatgtg	caaaatgcag	gcgttgctgg	gagcccagaa	60
ggcctactgg	ccagggctgt	cgatgctgaa	tgtgcagcct	gatgccaggg	ggtgggcctt	120
gagtgtgcc	cagccaggaa	ctcctcagcg	cccagaatac	caatgaccct	cctttccccc	180
agctccaggg	cctctgcttc	cctctccttt	cccaggctct	ctttgctttt	ccctcctccc	240
tcctgggact	gtaggcaaa	cccctggcac	ggacagtggg	caggacagcc	agatgcctag	300

<210> 1511
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1511
 attattttaa gcttattcaa tttaaaagac tacttgtaat tccggactta ttctttaaat 60
 agttgggtatt aagggtttctt ttgtaaaata agagggtggtta gtatttttca atgcccttaa 120
 ttaacaaaat taaaagtttg aaaaccatat gttgattctc cctcatttta aaaaattttg 180
 taattccact ggtccacaaa aatcccaatt gagggagagct ctgggaagag cacattctgt 240
 caatgggtct caacattttg gtctcaggac cactttacat tcttatttag gaaatgacct 300

<210> 1512
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

<400> 1512
 cttggatgta tggtttaata tgtatacctt ataattctgc ctctagccaa atgctatggt 60
 tgcaaaatgt ggcattctgt agtttttatt gtctgtgtct tctttgttta ctataccttg 120
 ggtaattttg tgttaccaa aaaaaaaaaa gggacgggta nggtnaaacc ccaaaaaaag 180
 ncaatncnng nttttancct naaanncnaa tntcaanggt natnccaac natngggntt 240
 ttttnaacnt tnaaannctt tangcncnt atnntggcnn tttnnaantt tgggggttgg 300

<210> 1513
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1513
 cccactgaaa actgctgtct agaccaactt ttttttctat tatttttttt cttcttatag 60
 agatgaggtc tcaactatgt gcttgcccag gctgggtctg aactcctggc ttcaagtgat 120
 tctctcacct tggcctccca aagtgtctgg attacaagcc tgagccacgg caccagctct 180
 cagaacaact gctattggtt catttaacaa actccattac aattttactt ttccgtctcc 240
 ttttctagac tgagtctctg aatcatttct cccatatatt ctccatacct agaaaacacc 300

<210> 1514
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1514
 cgccgccccca ctgcgccag ccgcgcgcat gaaggccgtg gtgcagcgcg tcacccgggc 60
 cagcgtcaca gttggaggag agcagattag tgccattgga aggggcatat gtgtgttgct 120
 gggatatttcc ctggaggata cgcagaagga actggaacac atgggtccgaa agattctaaa 180
 cctgcgtgta tttgaggatg agagtgggaa gcactggctg aagagtgtga tggacaaaca 240
 gtacgagatt ctgtgtgtca gccagtttac cctccagtgt gtcctgaatg gaaacaagcc 300

<210> 1515
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1515
 ggatctcata gctagggaa atttcacaaa taagggtgaga ttttgtaacc aataataaaa 60
 atgaatgttt ttataagtaa ataacttatt tttcatatgg cttaaagatg taaaatgact 120

tcattctata	gccattgtaa	ataagaattt	gctattgatg	aaagaagttc	agattggcat	180
ttgaagtatt	gagtgtatgg	gatctctaag	gatttcttag	attttatatt	taaatatttt	240
ttaaacctta	gaggagtcaa	caaactggct	cttgattttc	agcaccctac	tctcatgaaa	300

<210> 1516
 <211> 300
 <212> DNA
 <213> Homo sapiens

cccagccata	atggagcctg	aaatcaggaa	ttcatgtttc	aaggttacat	gtacaaatgt	60
atgccctctc	agaacaatgg	ccattttgag	aaagccagtg	agagacagcc	agaccaggtc	120
ctctggccta	gcaccacca	gtgcctgcc	gctcagccca	agtctcctca	cctaggatag	180
cttgatggaa	taacaatgta	ttttaatttt	ctgtagacct	aaaactgctc	ttaaaaagtc	240
tattttaaaa	atccatcatt	aaaacacaga	ctttctccat	aataagaagt	tggaggggct	300

<210> 1517
 <211> 247
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(247)
 <223> n = A,T,C or G

tgctattgta	ataataacaa	taaagagaaa	ttagaagtgg	gagtcagggt	agaaaaaat	60
gcaaaggcct	tggtccctag	gagaccaaca	ctccagctga	gctggcctta	gccccagccc	120
cttctaattt	ctctttattg	ttattattat	tattttctct	gctattgtaa	tatttttttg	180
ttaattaaat	gttttggtca	aaaaaaaaa	aaaaaaaaa	aaaaaaaaa	nccngncccn	240
taaaaaa						247

<210> 1518
 <211> 300
 <212> DNA
 <213> Homo sapiens

gtgttgctca	gtgagcagac	ccgactccag	aaggacatca	gtgaatgggc	aaataggttt	60
gaagactgtc	agaaagaaga	ggagacaaaa	caacaacaac	ttcaagtgtc	tcagaatgag	120
attgaagaaa	acaagtcaa	actagtccaa	caagaaatga	tgtttcagag	actccagaaa	180
gagagagaaa	gtgaagaaag	caaattagaa	accagtaaag	tgacactgaa	ggagcaacag	240
caccagctgg	aaaaggaatt	aacagaccag	aaaagcaaac	tggaccaagt	gctctcaaag	300

<210> 1519
 <211> 300
 <212> DNA
 <213> Homo sapiens

tcatttctga	tgctccatga	tagagttgca	aagcatgctt	taaaaaatgc	accttattct	60
gcattatttg	caagtttact	tgtgggtgta	atgttttttc	tactatttct	actatttagat	120
gtgaagaaaa	gtatacttgg	cttaaaatgt	gtcacaccat	gacaattagt	cttctaatat	180
ttgcctcatt	tatataaaat	ataatacatg	tttgtcagca	tgtaaaggct	ctgggggctt	240
tgtacctaga	gttaaagcag	gcacaaagca	gccatgacat	tgtgacaaga	tataccatgc	300

<210> 1520
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

<400> 1520
 gggacgtcca agatcaagag gccagcagat tcggactccg ctgagggctg tttcccgatc 60
 catagatggg gccttctcgc tgtatcctca atggtagaag cacaacaag caagtcctt 120
 cctgcctctt ttataaggac tccaaccctg ttcatgaggg ctctgcccc atgacccaat 180
 cagctccaaa ggccccacct cctaatactg tcaccttggg ggtgagaatt ccaatgtgaa 240
 tttgcagggg gaggnngngn aaangnnaat ttcggggcca taccaccctt caccacacc 300

<210> 1521
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1521
 tgaaggacct gcctgcggct gctttacagt ttgtttgttt ttttttaaaa taagtagaag 60
 atatacacta aagtaatgat aaatgtatag tatagtaa atacaaacca ttaacagttg 120
 tttattttca agtatatgta ctgtacatta attgtgtgtg ctgtactttt atacaactgg 180
 cagcatggta ggtttgttca caccatcttc tccacaaacc tgagaatcgt gttgttgcac 240
 tgcaagtcata taagtttaga attgttcagc ttcattataa tttgtgggaa cataagatgt 300

<210> 1522
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1522
 cccagccag ccttcagggt ccccttggat tgtgtagatg cagtctagcg gggggccgga 60
 gaagggctca ggtgggaggg gcctcagcag gctcccagct caggggctgg cctgggggga 120
 accctgggag ccaggggctg actccagcaa cactggcctg tctgcctgtt ctgggagggc 180
 tgtgaggatg tcttcagatg gctctggatt tctgcggagg cacctccatt cctttctggc 240
 tttttttgcg ggggagggct ttgggcctct ttctttgagg gaacaccgtc aaagaaagcc 300

<210> 1523
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1523
 gaagaagctg cagaagaaat gaagaaagt atgatgattt agattttgat attgatttat 60
 aagacacagg aggagaccat caaatgaatt aatatcactg tattaaaagt ctgccgggca 120
 cagtggctca cgctgtaat cccaacactt tgggaggcca aggagggtgg atcacctgag 180
 gtcaggagtt cgagaccagc ctggccaaca tggcggaacc ccatctccac taaaagtaca 240
 aaaaattagc tgggcgtggt ggctcatgcc tgtaatccca gctactcagg aggctgaggc 300

<210> 1524
 <211> 274
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(274)
 <223> n = A,T,C or G

<400> 1524
 ccttgtggta gttaccacaa cacatgcctc attaagaaac agcaaccatc agagggaatg 60

cctgcctccc	tgttaccagc	tctgcagatg	tgacatatc	ttcctgtcgt	aagccaatgg	120
gacttaaac	ttacctcttg	tgttttgag	actatctttt	ttttttttt	tttngaaaa	180
gggncccn	gggtngctaa	ggcngnaggn	cagggggggn	ancngggntn	anngaacnt	240
tnnccnangg	ggtnaangaa	nctntcnngc	ntaa			274

<210> 1525
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1525						
gaaaaaggaa	agatggatat	ggaagaaatt	attcagagaa	ttgaaaacgt	tgtcctagat	60
gcaaacctgca	gtagagatgt	aaaacagatg	ctcttgaaagc	ttgtagaact	ccggtcaagt	120
aactggggca	gagtcctatgc	aacttcaaca	tatagagaag	caacaccaga	aaatgatcct	180
aactacttta	tgaatgaacc	aacattttat	acatctgatg	gtgttccttt	caactgcagct	240
gatccagatt	accaagagaa	ataccaagaa	ttacttgaaa	gagaggactt	ttttccagat	300

<210> 1526
 <211> 294
 <212> DNA
 <213> Homo sapiens

<400> 1526						
gctacttcat	aaaaataatt	tttttgaatc	atatttgga	atctagattt	tagatgataa	60
tttttgccata	tggctacttt	agcttgcat	gtgtaaatgg	ctgctagggc	ctgcgaaata	120
gattttattt	ttggaggggg	atttgttttt	caatacagga	tgatgaaaga	gatgaaaact	180
tttctaata	agtacaataa	ttggctgtgg	tcattttaaa	gggatcagtt	gcatagcata	240
tagtagatgc	tcaataaata	cttagtgtat	caatatggct	tctgttaaac	attg	294

<210> 1527
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1527						
ttttaagta	aggatttgtc	tctggagttt	aaatagaact	acagtcaact	tacatgaaga	60
attagaaaa	gtaagccctt	catattttgt	aaaacacatt	tgaggcatc	atctcatttg	120
atcccaatgg	aagccctgtg	aagcaggcaa	gatttgga	agtttcttca	ttttatagat	180
gaggagatta	agacttaggg	tggcatctgt	aggtgacatc	cccactccta	gcacaatcag	240
tcttttctg	gcagctgggc	agacactgaa	ccaactcaga	gagtgaggcc	gctgctcaag	300

<210> 1528
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1528						
aagtgaattc	ctctgctttt	gtccaggcgc	gccaaagaac	gtggcgctta	gtcacttcag	60
attcccttct	gtctgtgatc	ccctctgaga	aataaagcca	taaatatgct	gagttctgtt	120
gacattcaca	ccggaatag	cacagagctc	caagtattgt	ggtctccttt	ccgattttat	180
tgctaaacag	caagaaaaac	agcagagggg	ctttcctggc	gagtcagaga	aatgcaacgt	240
ggttttttgt	gtgttttttt	ttctccgcaa	gacagaggaa	actatctctt	cacaccattg	300

<210> 1529
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1529						
gctgggagta	taggctgagt	taggaagatt	gcttgagccc	ggaaggcaga	agttgcagtg	60
agccaagatc	gcgccactgc	actcccaact	ggacgacaaa	gcgagatact	gggagtatag	120

gcattcgcca	ccctgggcaa	catagcaaga	ccctgtgtct	acaaaaaatt	taaaaaaat	180
tagcctgtag	ccctagctat	gcaggaggtg	gaggtgggag	aattgcttga	acccaggagt	240
ttgaggttac	agcgagctgt	gatagcacca	ctgcactcca	gcctgggcca	cagagcaaga	300

<210> 1530

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1530

taaaaaacca	ccttttgttc	gaaactccct	ggagcgacgc	agcgtccgga	tgaagcggcc	60
gtccccaccc	ccacatcctt	cctcgggtcaa	gtcgctgcgc	tccgagcgtc	tgatccgtac	120
ctcgctggac	ctggagttag	acctgcaggc	gacaagaacc	tggcacagcc	aattgaccca	180
ggagatctcg	gtgctgaatg	agctcaagga	gcagctggaa	caagccaaga	gccacgggga	240
gaaggagctg	ccacagtggg	tgcgtaggga	ctagcgtttc	gcctgctgct	gaggatgctg	300

<210> 1531

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1531

ccaacatggt	gaaaccccat	ctctactaaa	tataaccagaa	attagttggg	cgtggtggca	60
ggcacctgta	atcctagcta	ctcgggaggc	tgagacagga	gaatcgcttg	aaccggggag	120
ggggaggttg	cacttagccg	ggatcgtgcc	gttgactacc	agcctgggtg	acaagagtga	180
aactccatct	caaaaaaaga	tgagatgaac	tcctaggttc	aaatgatcat	cctgcttcag	240
cctcctgagt	aactgagata	caggcacggg	ccaccgtgcc	cagcttgtat	actgcacttt	300

<210> 1532

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1532

atccaactgt	ggcttctccc	aggaccatta	cacttgtatc	taaataccta	cttgacatct	60
tcttttggtg	actgaataaa	gatcttgaa	aaacaaataa	aaacagtagg	ttgttgatgc	120
atgttacttt	gcccaataga	tatattctat	cagaatgtga	tttgtatata	taatatgttt	180
acataattaaa	ttttgattca	attaaaattc	tccacagggg	agattctgtg	gtaagttcct	240
tcgtaaatga	agtaattatt	ctagtgattt	aagttcatgt	tacttgtact	ttatgcttta	300

<210> 1533

<211> 298

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(298)

<223> n = A,T,C or G

<400> 1533

gtcagatggt	agaaaaatgaa	ataattaaat	agataccatt	tgagttctgg	gagccagggtg	60
aagaagtgtt	tgtttgtttt	tgagacggag	tctcactctg	ttaccagggt	tggagtgcag	120
tggcctgata	ttggcgcaact	gcaacctccg	ccttctgggc	tcaagtgatt	ctcctgctcc	180
agccttctga	gtagctgggg	ctacagacgt	gtaccaccac	acctggctac	tttttgatt	240
tttagcagag	aggggatttc	tccatgttgg	tcangctggn	tttgaactcc	tgacctca	298

<210> 1534

<211> 300

<212> DNA

<213> Homo sapiens


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<400> 1534
gcaggacgtc ttcttcgaca tggaggccta cctgcccaag aagaacgggc tctacttgaa      60
cctggtcctc ggcaatgtga acgtgaccct cctcagcaac caggccaagt tcgcctacaa      120
ggacgaatat gagaagttca agctctacct gaccatcatc ctgtccctgg gtgccgtggc      180
atgtcgattt gtccttcaact acaggtagtg ggtgtggccg tgtgtgcctg ggcctgggca      240
tgcagacgtc aggtgggggc cgggagagag ggatccaggg gacccggagc ctctcctgct      300

```

```

<210> 1535
<211> 300
<212> DNA
<213> Homo sapiens

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<400> 1535
gcaagagatt tcacagacct gattgttatt aatgaagatc gtaaaacccc aaatggactt      60
atthttagtc acttgccaaa tggcccaact gctcatttta aaatgagcag tgttcgtctt      120
cgtaaagaaa ttaagagaag aggcaaggac cccacagaac acatacctga aataattctg      180
aataatttta caacacggct gggtcattca attggacgta tgthttgcac tctctttcct      240
cataatcctc aatttatcgg aaggcagggt gccacattcc acaatcaacg ggattacata      300

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<210> 1536
<211> 293
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(293)
<223> n = A,T,C or G

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<400> 1536
cagcgatagc ccaaaggctc tgcagtattc cctccaatgg ccaaggattc cgtgtgtcat      60
ctgcaggagt gtagtagcct gctgtatttc ttgtaactgc tgggtgttac aaaataagtt      120
acaatgtttt acacttttaa aaaaaaaaaa agaaggaaca tttgctttat tggttactta      180
ctagttagc cttctaggtta tggcacagca tgctaaaaaa tcatgtgttt aaaagtaaat      240
gttggtaaaa tgctggcatc tggctcctatt gngttgatgc atthttcact ctg          293

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<210> 1537
<211> 300
<212> DNA
<213> Homo sapiens

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<400> 1537
gaagactatg tagaaatgaa ggaacagatg tatcaggaca aactggcttc tctcaagagg      60
cagttgcaac aactgcaaga aggtacatta caggaatatc agaagagaat gaaaaaacta      120
gatcagcagt acaaagagag gatacggaat gcagaactct tcctccagct ggaaactgaa      180
caagtggaac gaaattacat taaagaaaag aaggcagcag tgaaagaatt tgaagacaag      240
aaggttgagc tgaaagagaa cctgattgct gagctagaag aaaaaaaaaa aaaaaaaaaa      300

```

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<210> 1538
<211> 300
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(300)
<223> n = A,T,C or G

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<400> 1538
gatatgcttt agaattaagg tgagtggat tatctctagt ttgagacaaa gagaagcgaa      60

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gtaacaaaag	gccacataag	tgataaatag	tggacctgga	gtttaaacct	gggatcccca	120
cctaaatcag	aaatacaaaa	tcaaccactt	ttttgatgat	ccagggtcta	tgtatatatta	180
ttacatgtat	gtatatatgt	atatatatac	ggcatgtgta	tatatgtaca	tncatacnna	240
tagatgtgct	tgtactagcg	tttttcccac	caggatagtt	agcctttctt	cnccttgc	300

<210> 1539

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1539

cccacttcta	gggtatggg	gatgcagctt	caagcccagt	gcccagtgtc	tccctgttaa	60
ctgcaggaat	gccaaagcacc	tggccagagc	agcccagccc	caatatgtct	aggaggagac	120
agagttccct	ctgtatagcc	tctgggacaa	gaaaaagaaa	acacaagaat	gtatacactg	180
gaagatttgg	gcctcctgcc	tgccttctct	ttgtttctgt	tcctcttccc	atctactccc	240
ctacgccct	tcaacctttt	ttctctgtct	gcttcacctg	agaagaaagt	gtacgaagag	300

<210> 1540

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1540

gttacctgtg	tatgactgaa	gtacatatct	gttatctgct	tgagacagta	cagattgggtg	60
tatagtattt	tacagccact	tcatttatatg	ctatttccgt	gtactggcaa	aaaagagaat	120
aaaacttcct	aggatataag	tacctactgc	tgttttgggtg	catgtccagt	taggcttttc	180
tctttttatt	tgtttgtgta	cctgtaactc	catataagca	tatataatca	tgttacatat	240
gtttaaaagg	cgtcattttg	caatgcagtt	ttatcactag	ttttttctct	gtcaagggat	300

<210> 1541

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1541

gagagacagt	gagagagaca	caccatggg	cctgatatgg	aggcacttac	gtccaccaat	60
gctgtaacat	ttgcattcgt	taacaccctt	tcattaattt	attaaatcat	tctccagtgt	120
aacttctgta	gaattcccag	tttttgcttt	tatgaaattc	tgtagttgat	gaacctcaga	180
ttttacaagt	aattgaaatt	aactacagga	gaaggaggag	aagaagggtg	agggaaagga	240
caagaaaaaa	aagcaagata	taactttttt	tggttcccct	cttttaatat	tttttctaaa	300

<210> 1542

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1542

ctcatttggt	tcattcacat	tcctcacgtg	caacaacata	attatatttt	aagaaaatgt	60
aacttttgta	catcaaaata	tggtgtctag	taaaaagtgt	atattcagta	gaacaaggat	120
catgtaaata	aacatctatt	tcacatgtac	ccaaaagcat	ttaaaaagca	gaatccaggg	180
cccagagcat	gagccaggga	ggaggatgtt	tttcttcttt	tctctatttt	tccttaaatt	240
gtgcaaakat	aggtgagtct	cttaaccttt	ctgtgcgtca	gtttttctac	ctctaaaggg	300

<210> 1543

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1543

gttaggttgg	acacagaagg	ggcaatcaaa	tttctgtatt	cagatacctc	ttaaaggtag	60
actgtgccac	cttgctgcct	ttgattgcaa	atacaaagtt	aattttcaaa	aaggaaaaac	120

aaaacagctc	tttttcctaa	aacacatggt	gtacttcaga	cctaaaaattc	taagtcttat	180
ttgtttctca	cccatgagtt	agatttaggt	aatagtatta	gtagagtctt	tagagaatct	240
taagagggtca	tttactccac	ctctttcatt	ttaaattggg	gtatccaaag	cctgaagagg	300
<210> 1544						
<211> 300						
<212> DNA						
<213> Homo sapiens						
<400> 1544						
tgcactccag	cctacatgac	agagtgagac	cctgtctcaa	aataataata	ataatgaact	60
gagactcaga	aaagatgttt	gttcaggggt	acaaagctca	gacaggacag	ggcagcattg	120
gaaacaaaaa	ttgggtctgac	tcctagggtc	atgctgtaaa	tcacggtgca	aggcttctac	180
tatctatggt	tttcctaaaa	gaatgtataa	atgaaaagat	ggttaacata	ttaagcaaaa	240
tatgttaaac	gtcaaatgaa	ctgtataaac	gataaatgct	ggagagttga	ggtggcaaa	300
<210> 1545						
<211> 245						
<212> DNA						
<213> Homo sapiens						
<400> 1545						
atcgattaac	acttctaatt	agtcaagtc	taggggtttt	tggttttggt	ttgttgccaa	60
cgaggaacac	agctctgggg	gaatgggtgc	atccacctcg	ctttaaaaat	aagcacatga	120
tggtctgggc	cgtgggtcca	cgctgtaat	cccagcactt	tggtgggctg	aggcgggtgg	180
atcacctgag	gtcgggagtt	tgagaccagc	ctggccaaca	tggtgaaacc	ccatcgctac	240
taaaa						245
<210> 1546						
<211> 189						
<212> DNA						
<213> Homo sapiens						
<400> 1546						
ccgcgcgcgc	caccaccacc	accactgcag	caacaacagc	agcagcagca	gcagcgcttg	60
catagctcca	ctctgacctg	tgaaggaatg	gggatgaggc	caggagctag	tgtctaccac	120
ggccacacag	ggagcagtgt	gggcccttag	cccccaagg	gctgtctatg	catgtggctt	180
ttttttttt						189
<210> 1547						
<211> 300						
<212> DNA						
<213> Homo sapiens						
<400> 1547						
gaccctcatg	ccaccagctt	ctgctccagc	ctttcttact	cattaggctc	tagtctcact	60
tcttattttt	taaattgtga	gtaattttca	tgcttggtag	ttgatttctt	ttccatctct	120
gtatgcatac	ttcctgcacc	tagtaggcac	ttgatttttt	tttctttgaa	tacacagcag	180
atgccatgta	aactcattag	tacttgccct	agaacactga	attcttacct	gtgttaaatg	240
catgaataca	ttaaaaactt	tttagtttta	cttagaagta	tataaagtgt	aaactaatca	300
<210> 1548						
<211> 300						
<212> DNA						
<213> Homo sapiens						
<400> 1548						
gtccaggcca	ataatcagtt	ggttaagtga	aaaaagtgtt	taaagtgaag	aattataaag	60
aaagtcatta	tgatctcaa	acttttactt	taattgaaac	cataaaaaaca	tatattcact	120
accaatggtt	ttatgcagg	ttaatgcctt	ctctttaaaa	ttggacttct	gattggattt	180
ctacctcatt	tttcttatgt	aaacacttat	agttcacttt	tgatatttat	gggttttgat	240

ttttgaaaca aagggaaaat gttaaaacat atactgttca gtaatgccac ctaatccatg 300

<210> 1549

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1549

gttgaaggta tgtgtcagtt ttaaccaggt gttgagttat ttgatcactc ctccaaagat	60
tatttaatatg tttcaataat atctaataat gtgtgggaaa ccgtagaatt tttcatacaa	120
actgggacaa atgaacatgc atactattaa aatacttcct acaataggca taaaatgggc	180
tttcttaggt gaaccaggag gtatagttag cctaatacata tgctatgatt attagtaatg	240
gttttctgtg ttttatcatt catatttgta aatctttttt gaatgactac ttggaaatga	300

<210> 1550

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1550

atttatttgc cctatttcct ccatgtacgg agacattaca gcaacagccc agtcagattt	60
ttttcatgct atcttttagt cagattttaat ttaatgtgta tttctagttt attgcttctg	120
ccatgtttta ttctttatga agatccccga gtattgagtg tgccagttac cagattctct	180
cccagctcta aattacctct tcattacttg atctgcaata ttggagccta accctttagg	240
ccaggggtgt ccaatgtctt ggcttccttg ggccacattg aaagaattgt cttgggcca	300

<210> 1551

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1551

gcaggtcccc tcccacatct aatccaccac taaggcctgc ttcttaatatg ctcttggtcg	60
gctttggttg agacagggtt ttgctctgcc gcctaggctg gagtgcagtg gcgtgatcac	120
tgacgcctcc aactcctggg atcaagcagt cctcctgcct tggccttcca aagtgctggg	180
attacaggcg tgagccactg tgcctagcct gaatagctct taaatctatc cacttttctt	240
cctctgcaca cctgacaccc tagtctgctt gccctcttct ccacctggac aacctcgccc	300

<210> 1552

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1552

gcgtcgctaa ggtataaaac ttgaaccatg attttacatt tccagttctc aaggacaggc	60
tttgaattta atttgttgtt aagagtaatt agcaattcta gggaaaaaaa agctattttt	120
attttctcta cctcctaaca caaaaggtaa cattcatctt ctaggaaggg aaactcttga	180
taactctgtg tctttctagg tcagccacag actacactaa gtcaccaact ccaaagggga	240
aatttggtct tttggtgagt acttgtgcta gagaacagta gaatgcataa tctggtcagc	300

<210> 1553

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1553

cttagaggcc ttaggcaggt ctactgggtc tcccaagctg agacctgtta ttcccacttt	60
gcagacagaa taggtcctaa gaggtcatcc aagaccacac agactgcaca gaacagctga	120
ggtgggaacc ggggacttcc ttctcatatt ttttgaatga attaataaat gagggattgt	180
gagaatgggg ctggcctgtc ttatgcagcc tctccgagag tggcccaaga actctgaaat	240
ggtcctggaa gtagagagag aaaatggaaa ttgacagttt aggactcaac agccacaaag	300

<210> 1554
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1554
 gatacatcca aatattattc atgttatagt aaatcagatg aagccttgag cttctcagca 60
 gccacgtaag gcttaaatat gagggaacag gggctcttag aagtgaagtg acttctgaaa 120
 gatgcacaga gaattaggaa agagtctgaa ttcaaccctg gaaccctgac tttcagggtga 180
 gtgcctggcc cactaaagaa tgacaaagcc atggggagtg gcatggaaaag catgagcttt 240
 ggagtttagac aggcctgggt gtgaatcctg gtcacccag ttctgttaaa gacctcagaa 300

<210> 1555
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1555
 gctttatctc taaattagaa tcacaaatgc gtaatctttt cagggtaaaa atgtgtcatc 60
 tttaaagtct gtttcagata tatttttaaat tactatttta aatgaattca tatggaaaag 120
 tcgtgggagc ttaaggcctt gttttaaaagg gaaaaaacia ctgagtcctt ttagattaat 180
 caaaaactat cctcttcctt tggagaggag agagtgtttg tcacacgcgg aatgaagtgc 240
 catgttcttt gaggcacgat ttgtatgcca tttggaggag ggagtcggtt caagagaatg 300

<210> 1556
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1556
 caagattggg ctatggaatt ggaaggcctg ttttggagta ctctaaatta aaaaaaagtt 60
 atatttgtaa aataaccacc acaagattgc ctgattcaca gttcttctga gtattggcgt 120
 aggttaattat ttaagatggt tgataaattg taaaatgctt tttacatttt ttaaggaatc 180
 aattgaacta ctggaaacca gtatgtagta ttcttggcag gtctagggtt cataatccta 240
 atttctttgc agccactat tcagaaatgt agtgattaac agagtcaaga atgtttcagg 300

<210> 1557
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1557
 gtgattccta tttcaatatg tgaaacactt aaccaaagaa tatatttcga tgaatcttaa 60
 acttgcccta aaaacagaag aggttaaaaa gaatttagaa aaaataaagt tttagagtgt 120
 ttgagaatgt gtatataaaa tattttcaaa gccataatat ggatgctctt atggctcaga 180
 agcatgccta ctagaacacg tctcggaatg agagatgttt aattctgtca cctcccagaa 240
 agttttgcag ggtttctcac ttgaatttgc ttccctttgc aacctcttgt cctgaaggcc 300

<210> 1558
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (300)
 <223> n = A,T,C or G

<400> 1558
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gccacgcccc	gcagtgggtga	gggacccaca	gatttttgaa	acgacctgga	cacactattg	120
ggaaggagat	gtggacggcc	tgtctcctcc	tgcagggccc	accctaagaa	tgtattttta	180
aacacatgaa	ataagtattt	ttcactgata	aaaaaaaaan	aaaaaanaan	ttnnncntt	240
taaanttnn	gtgggnnttt	tnacnnannt	ncaaaactngn	aagaanttcn	tngtggattt	300

<210> 1559

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1559

agtaaatcca	gtgtttctgt	tgccgaagag	tgtttattgg	ttctttcact	ttcatttcat	60
agggcccttt	cttctactgg	cattctcact	ttgaattact	aagaagtttc	ttctaataac	120
cctctatctc	ctttttcttt	ctagtcttag	ataaagctgt	caaaagaaca	gttatcatag	180
aaatagaaac	atttaaatta	ccggcacgat	agcttatttc	ttgctgcaac	cattcagaat	240
atctatttgt	cactgccttg	ggtgctttga	agtgaactg	tgcttagata	taaaaagttt	300

<210> 1560

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1560

ggaacgttga	ggaggacttc	aaaccagctc	cggagtgtgt	gataaccagca	aaggagacag	60
aacaaataaaa	tgggaaccga	gtgcctgatg	aaaatggaca	cattcctggg	tgggtaccag	120
tagagaaaaa	caacaaacag	tattgctggc	attcctctgt	agttaattat	gaatttgaaa	180
ttgccctggg	actaaaacat	cattcctgatg	attctggact	tttggaattt	agtgcagtgc	240
cacttttcaga	tctcttagaa	caaacactgg	aactcatagg	aacaaatata	aatggaaacc	300

<210> 1561

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1561

gctgcctgtg	gcatagccac	tgctgtacgt	ttttggttgt	ttttaagaaa	ctcgatgaag	60
aggggtgtca	ttctgggctc	gggggtggtg	ccaatttttc	accagaaagg	gagccacccc	120
ttgcaaccac	ttctgtctcc	gttagcctcc	cctctgcctc	cctccaagcc	aaagcgtggc	180
ctggcttttg	tcttccattt	tagttttcct	cttttaccct	tccttttgtg	cttaatttat	240
taaaatagtt	gctgtataat	ttattttcat	aaactataaa	aaaataactaa	atgggttaaaa	300

<210> 1562

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1562

atctgaaccc	atgaagttga	gtaaaaaaag	caatttgcag	aaggatacat	acaaaatgac	60
accattttata	tagtagactg	aaagcatgca	gaacaatcca	ttgttggtta	cgtgtgtaac	120
agtcatagga	atgacaacca	ctgccttcag	aattatggcg	acctctgcga	tggaagagaa	180
tgggatcaga	gaaggatata	caataggctt	taactgattt	tgtgattatt	gatattagaa	240
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<210> 1563

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1563

tacatatattg	tcataattac	aataaaaatac	aaagagctat	tttggaactg	ggcaagctgt	60
ttctaaatgt	atatggaaaa	ataaaaatgt	ctccaaaaaa	tcctctgcga	gggaaactag	120

cccttccaga	tataaaatat	attatagaac	tgtgtaatta	aagcaatatg	gtactgggcc	180
ataaaagaac	ataaaaccaa	atagttcagt	agactcaaaa	tgcaagcgtt	ggtagaggta	240
tgagagaaa	ggaacccttt	tacacttggt	gtgaatgtaa	attagtagac	acattgtgga	300

<210> 1564

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1564

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cgaaattatc	tccagaaaaa	tactcttggg	aaaaagtcac	caatgttcgt	ataattctga	120
tatttttaaaa	aatcttttag	attaaaacaa	agggtcaaaa	cctccataga	gtcaatgcta	180
aatgggtgaa	aatgtgacat	aaaaatgccc	tgtgttcacc	agattgtcat	atactttatg	240
taactcacct	cagttattat	tatgcctact	acacagatga	aaagactgaa	tctcaggaaa	300

<210> 1565

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1565

atttaaatag	tctgtcttta	agagtagctc	tgagatTTTT	ttctggtaaa	tcactattta	60
acctctctga	tttgttttagt	ttttctcatc	tataaaattg	aaatgataaa	atgaagggtta	120
aattagaaaa	tgtagaaaat	gcctagaaca	gagtcttgca	tatggttggt	actaaagtgt	180
tttgttcccc	atggatagta	tcttctctta	aagatccttt	gaaagggctt	taaagtgaac	240
cttgtaggat	ggtaattttt	gttcatttta	atttttttag	taagttttga	ttgagatctt	300

<210> 1566

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1566

atntagtcac	tagctataat	acatttagtg	aacaaatgta	gtcttgccact	aaaattagag	60
aatacctatc	cttttcaaga	atacataaaa	taatgaccat	atatatacca	cagagtaagc	120
tgcaaccaat	tctagataac	ttaaatacag	accatgtttg	gaaatttaag	aaaaaaaaac	180
acatttataa	cttgtggatc	aaaaaagtca	tagaacttag	acaatacttg	gaactgaatg	240
taaatacaaaa	tgctattaaa	atttgtagta	tgccagttaaa	caggacttgt	atacgcatct	300

<210> 1567

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1567

gtttaattctc	tttaactatc	aaattgcaat	tttttttttg	ccttgcaaat	aaacaaatta	60
caattgtcat	ttactgggtga	gacaatgaga	aaaagacacc	ctcaaact	gttggttagaa	120
cacaaattgt	taaaatcttt	ctaggagtca	ttttcaaatt	atgtatcaat	gacctaaaaa	180
tatttatgtc	tctgtttctt	atacttccag	aaatctattc	tacagtaata	accggagata	240
aaaaccttta	catataaaca	tgatttatta	tactgaaaag	tcaaaacaac	ataaatatta	300

<210> 1568

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1568

gtgtaggccc	ccatcgtecc	tcattactcg	ggtttcatat	tttgctgttt	ttgatggaca	60
tgagggaatt	cgagcctcaa	aatttgctgc	acagaatttg	catcaaaact	taatcagaaa	120
atttcctaaa	ggagatgtaa	tcagtgtaga	gaaaaccgtg	aagagatgcc	ttttggacac	180

tttcaagcat	actgatgaag	agttccttaa	acaagcttcc	agccagaagc	ctgcctggaa	240
agatgggtcc	actgccacgt	gtgttctggc	tgtagacaac	attctttata	ttgccaacct	300

<210> 1569

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1569

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gataagtgt	ctgatgaagt	aaaatagagc	actgtggaaa	cacagaggag	ggggtggaaa	120
aagtcaggga	agtctgttca	gaggaagtca	catgtgaagt	tagtgaagt	gggaagcaaa	180
tgggtgcggt	gggaaagaga	gtagttcctg	aaaagggaaac	agcatgtaca	aaggcctaga	240
agcaaaacat	tgtatgcaca	tagtaactgt	ttaattggat	atgaatttta	aaaatcacat	300

<210> 1570

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1570

gccacatcgg	gggcaccacc	ctccatgcct	ttgcaggcat	cggctcaggc	caggctcctc	60
tagcccagtg	tgtggccctg	gccccaaaggc	caggcgtgcg	gcagggctgg	ctgaactgcc	120
agcggttggt	cattgacgag	atctcaatgg	tggaggcaga	cctgtttgcc	agtggccagg	180
cctatgtggc	cctttctcgg	gcccgcagcc	tgcagggcct	acgtgtgctg	gactttgacc	240
ccatggcggg	tcgctgtgac	ccccgtgtgc	tgcacttcta	tgccaccctg	cggcggggca	300

<210> 1571

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1571

ataaggcagt	ctctcaaaag	tcatactgcc	agagtctcta	gggcaaggag	aaacaactag	60
ctggacaata	ctcaattcac	aacttagcat	tttgccatct	gaagcttggc	aaactagtat	120
ctgctgtaaa	acaacctata	tggtatgtga	accgtagtat	tcctgagcaa	aacgtggctt	180
tcategcctt	gtaaaaattt	gcatctgttt	agaaactagc	ctataaaata	tcaccattgg	240
atgtagatat	ggagagaaaa	gaaatatgtt	gggtttattg	cttagcgaaa	tattctcttt	300

<210> 1572

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1572

gctatgtgtt	ctgactttgt	tgattcaa	aat	aatcaattta	agccattaat	60
aggtttataa	agttatttgc	tatgtgtt	gt	tcttacatca	ttgattcatg	120
tgtgtgacag	ctaattctta	aaaaattat	g	aagatgttag	acttcttttg	180
gttgattgta	tgaacagatt	gacatcaata	t	tacttattca	ttataaaaga	240
aactcaccaa	atccccacacc	aaaaaaattt	aaaattttac	catagtaaaa	aaaactaaaa	300

<210> 1573

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1573

gcacaattgg	tattcaaacc	caagtctgtt	tgactcccaa	acccatactt	tgaacctgaa	60
gtctgtactg	ctgaaagttt	ctccttattg	agaatattat	attttgcatt	aattttatgtc	120
ttcagaatta	tacaaagtat	tgggccacac	caaatttgag	tctggtatag	tagccttctt	180
gtaaaaaatt	atatcatata	acatttttat	gactgtgaag	acctcttaat	tcttcaggaa	240

ggagggccct ttttcaaac agacatcctg gggtttttac tgaccttatt tcattctctg 300

<210> 1574
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1574
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 acagaattcc agaattccct acaagaattt atcaactggc tcaactctagc agagcagagt 120
 ttaaaccatcg cttctccacc aagcctgatt ctaaatactg tcctttccca gatagaagag 180
 cacaagggtt ttgctaataga agtaaatgct catcgagacc agatcattga gctggatcaa 240
 actgggaatc aattaaagtt ccttagccaa aagcaggatg ttgttctgat caagaatttg 300

<210> 1575
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1575
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 tgaatctaaa gagagggtt tattggatca ctattctggg ataattattga aataacaact 120
 aataacaata acaacaattt ttgttttgtg aaaaaataat acaaccaaact gaaaatagat 180
 taatcaaaac agtgaaaacc ctgtcccctt ttctgagctt atgaaaagag aacctaatga 240
 gtaggcattc tttttatagc taatgtgcta attgcctcag agataacacc tgtgtaattt 300

<210> 1576
 <211> 276
 <212> DNA
 <213> Homo sapiens

<400> 1576
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 aatattcttc ccaatgtgat tttttctctg ttgttaaaga caggctctgg ttttatcgcc 120
 caggctggag tgcagtgcac taatcatagt ataagcatag ctcaactgcag cttgaaactc 180
 cagggtcag acaatccacc ttctcagcc tcccagggtc ctgggattac aggtgtgagc 240
 cactgcactc tgcccccaac atgatttttt tttttt 276

<210> 1577
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1577
 ctctgttcag aagccctga ttttgtcca gcagcactct caccctttct agtgagtaag 60
 tacactggat tttaaattccc tagcacctag cactgtgcct gggcagccca gcataggcac 120
 tcaataaata tgtgaatgaa tgaatgtgtc tgtctgtcag tcagtcagtc agtgtttatg 180
 ggatctgagt gtattcacta gtagattcta tgttcttact tggcttcaag aacctgtgaa 240
 tgaataagga tcaccactgt aaactaaaaa caaaatttta agccatcagc tgactgaaga 300

<210> 1578
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1578
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 agttaaatca taatttctgg atcatgatct taaaccttta attggttcca tttctacttt 120
 actctttact aacaagtatc ctgatggcct gaaaatccat gttgaaattt gaagtttgaa 180
 ttttccagat caaatatgaa atttattttc atttttttaa gtacaaaata tcagttgtat 240
 aatcatggta aaacataaaa ttttgctata aaagattttt aaaggctatt tgattaaaac 300

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<210> 1579
<211> 78
<212> DNA
<213> Homo sapiens

<400> 1579
ctcagaacca ctctgtcggt ttttaagcagg gtcacacact ctagctcact ggggccattt    60
taatttctat taaacatt                                     78

<210> 1580
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1580
gccaggctgg tcttgaactc ctgacctcag gtgattttacc cgccttgagg tcccaaactg    60
cagagatcac aggcattgag caccattcgt ggccagttgt tagtttttga gatagtgtct    120
ccagtttaca gatagggaga ttgaggctta gaggaggcac atagtggcag aactaggatt    180
tgaatccaag tctgttttcc ctccaggacc caagccctta accactgtgc attttttaaaa    240
tagccagagg aggactcatg accaccacct ggggatgtga gcaaagccag agtccagaca    300

<210> 1581
<211> 299
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(299)
<223> n = A,T,C or G

<400> 1581
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cgtgatggca tgtgcctata atcccagcta cttgggaggc tgaggcagga gaatctcttg    120
aaccggggag gtggagggtg cagtgaagca agatcacacc actgcactcc agcttaggca    180
atagagcaag actctatcac aaaaaaaaaa ngagagagag agananataa agaggtntnt    240
tgggacantt anncatnttt cctacatttt ctcttttttt caaagccan aatccttgc    299

<210> 1582
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1582
tttaaaaagc attttattat gtattatgaa atattttcaa cataaaaaga tgtaaagact    60
atctaccaat gactcccccc ttaataaaaac aaattaacct gaaggctgtt ttgtgccctt    120
ccttgattgt gcattcacct, cccaaccctt cgctccttgg gcaactgtta tctttgttat    180
ttgtcattgc cttaacatta gattttttta ttactgcttt tgtaattcta atgatataa    240
atggaaaaaa tattttgaat gcaactcctc ttttaatttg tccaatttt atctgtattt    300

<210> 1583
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1583
gagcgacaga agcttctgga aacctatgcag cacttgcagg aggaccggga cagcctgcatt    60
gccaccgcgg agctgctgca ggtgcgggtg cagagcctca cacacatcct cgccctgcag    120
gaggaggagc tgaccaggaa ggttcaacct tcagattccc tggagcctga gtttaccagg    180
aagtgccagt ccctgctgaa ccgctggcgg gagaaggtgt ttgccctcat ggtgcagcta    240

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aaggcccagg agctggaaca cagtgactct gttaagcagc tgaagggaca ggtggcctca      300

<210> 1584
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1584
ggaagagctc gtcttggagt ccaagctttt gccacttcaa ttgcaccagc tccaggaacc      60
atacaaccat cttcaatggc atttttgata gcacgaagtc catctcttat ggcatccttg      120
acttgtgtga gagtatgctt atttggtcct ttaaccaaca aggtaacaga gcaagggtta      180
acacactcct caataaaagt gaacttttct tcacctaata tataactcata cacaagacca      240
gcatgtccca agcaatctac agtgagatct tcaaaagaat tcacggccat tccaccacaa      300

<210> 1585
<211> 275
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(275)
<223> n = A,T,C or G

<400> 1585
ggtaaaagctt cattcagtat ccattcaccc aatactgggt tgattctagg gcctaggaaa      60
ataggactga gcaaagccct tgtccagatg gaacttatgt tttagagggg aaaacaaacc      120
ataaaaaggt aaacagtata aaatcaggaa aggataaatg tatatgaaga atcaaaatga      180
ggacggtgat ggggataaga ggggaaggnt tttnatnacb ncnnngntng aagngnaant      240
ttacnctntg tcgnntnttt ntgnnctacc atggtt                                275

<210> 1586
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1586
atgggagcca tgggcagtgg tcctggctgg tgaaatgatt ctagccacgt ggccccacca      60
gggggcaaaa caatagaaac cttcagaaat gaaacgtcac ctggctgcaa gaagatagtc      120
ccacaggcgc cctagagatg gggatgccaa gtggcttctc gggaagctgt aagaatccac      180
agggcattgt aagatggagg gaaatattaa gttttcttcg taaagagggt agggggggcg      240
gagcagcaaa ggacactgga aaatgagaag catggatggg aagtgttgca ttgagcataa      300

<210> 1587
<211> 300
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(300)
<223> n = A,T,C or G

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cgtgatggca tgtgcctata atcccagcta cttgggaggc tgaggcagga gaatctcttg      120
aaccggggag gtggagggtg cagtgagcca agatcacacc actgcactcc agcttaggca      180
atagagcaag actctatcac aaaaaaaaaa anagaganag agagagataa anaggtatat      240
nggnacaatt agtcnttttt cntacatttt ctnttttttt caaagcccaa aatccttgca      300

<210> 1588

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<211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1588
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 acagatcctg atatatagaa gttattcaaa attatacagt tttcaaaaaa tcaagacaag 120
 taggcccaat acaaaactact gaatcatctt ctaatttccc tctaaaatat ttatagaaat 180
 atgtaagtag aaaaacattc atcctttcct cgtctaatta tgatcctgcc atattccagg 240
 cacaagagaa agctctgggg cttgagtctt aatagggctg atagtccaac caggggacag 300

<210> 1589
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1589
 ctggagcatt ctaaattgtat cactaaatat agaggagttc taattctgac aggaattctg 60
 tgagggcact ggtagtatcc tcatttaaca gatgaagtaa tttgagatct ctgctggaag 120
 gtgatggagc tgtgatttga accctgggtgc ctgattccaa agccatggct aagaataaat 180
 aattcagtc actaaaatac ctaacttttg caagccttgg aaacagagtg cagaagatta 240
 atacagattg cccaggccag tacaagcagc tatacagaga aaataagtag gtgctaggat 300

<210> 1590
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1590
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 ctgagcttct tgaggatgac aagccgtctt ttcaatggga ctcccttcca gacctgttgg 120
 tctcaccata ctggaatcat cataaagcct gtattgtaaa acatcattgg tgtctaaagt 180
 ttgcacaatg ctatggcccc cacattaagg gagtctgggt gagatcactt cattgcccc 240
 acttctctga ccagaaaaca caagagttca tgggagacaa taataacaac aacaaaaaca 300

<210> 1591
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1591
 gggaattctc tgccttttgg ggaacagtta cagaggacct actaaaccct tggctggtgc 60
 caggccccga gaccacagag ataacctggg acccaggctc tgcccatggg gagctcccag 120
 ccctgtgagg aagacaggcc atcctcacc agcacatcct actgtaccg aagagagggc 180
 gcagtgactc attttttgcc gttggcatta ggtttaaaag atggttgaac gtccacagaa 240
 ggaaaaggaa ttcttggcag agggccctgc ctgagcatag gcagggaggc tgagcagcca 300

<210> 1592
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

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 aaggcgctca gaaagttgct gacagcgctc gtggaagtac cagtggactc tgctccagt 120
 atggaagaag atactaatgg ggagagccat gttccccaag aaaatgaaga agaagaggaa 180

aaagagccca gtcaggcagc tgccatccac cccgacaact gtgaagaaag tgaagtcagc	240
gagagggagg cccaacctcc ctgtcccagag gcccatggng aggagttggn gggatttcca	300

<210> 1593
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1593	
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cttttgaacg ggagatgttg cataaataat tgttgagtat gcactttaga ttctttgcta	120
acatcacatt tggtgaaact ataaaataat tcccatgaaa attggattgc ttaatatcat	180
aactgatatt taataatatt taatattgct ctaaaatttc tggctaaaaat gaaaatattc	240
aaccatcagg aaggagaaac aaaactatta ctgtttgtaa acagtttatc atcagtactt	300

<210> 1594
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1594	
acctgtaatt tcaacatttg atgagtcaga gaaaaaaagg tttcctttgg gtcttatttg	60
atcactattc tgttaatttt aagcaagcct gtagtaaatt gatctatttg gatataaata	120
ggttacatga ttatcagtag tagagaccca tgtatcctat ttattttacaa aagaatatta	180
aatatcctat ttttaatttt atattacagc ctattttgat tttttagata aaagtctaga	240
gcttttattt taatgaatgc taagagatca gaatgcactg gcattctctg atttaatagt	300

<210> 1595
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1595	
gttaggtcca ttttgatggt acaggatact tgtaagtgc tttttgccat tctcttttgt	60
tacccatggc ctttgtcacc ccttgaata tctcttttac tcagttctca ctttctgttg	120
ttgacatact tgttgacatg tcccaccagt ccatgaaatg aaataccata tcttccttgt	180
gttgatatta cttttgtgag tattttaagac atatataata aacaaatgta aaactttgga	240
aattgattct cttctcatta aaaaacattt aaagggaaca tttagaatat ttgtttacat	300

<210> 1596
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1596	
gaaaaaacia agtaataact taggccttga tcaaggattt tagcacctaa tgtttgctaa	60
gcttagctgt ctgggtcaga aatacaagac ataaatatta tttcgtagac agttattatt	120
tccttactgt gaatttagca gaatttatag aagtcttttg ggtagtaagc tttgggtaaa	180
ttatttgttt ttaaaaaatc gcagttcatg aaacatttct acttattaaa tacaatgtga	240
atactatata tattcttgcct actggtcata attgttagcc ctctcccatg cctcttctcc	300

<210> 1597
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1597	
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agaactgaaa gaatagggtg atactgaacc cactcccaga gccaggtagc tgaaagggca	120
ctgtgattgt tatcttacta ggaacacgtg gaggggaggt aaggcagttt tctgcagaaa	180
agagggattc tgggcagaca aaaactacat atgcactatg ttttgttttg tttttttgtt	240

tgtttgtttt aaattaaaac cagaaaaggc gaagacttgg agaatgctca aaattttttt 300

<210> 1598
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1598
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acaaatgggt gtggtataaa catagaacca gtccaatctg gttcagcttt gttagtaaca 120
aaatgtaaca aaatgatgag tcgtttttca gtgcaatgga cccccagggt gcaagtcaca 180
tatcgctgga gcattaacag atgaacaaag catgcccaat tcataaccct tgggtggaat 240
gaaaaagtca actacaggta gaacccaagt actcggatca aggaatgggg actatgctgg 300

<210> 1599
<211> 300
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(300)
<223> n = A,T,C or G

<400> 1599
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agacggtgtt ttaccatgtt ggccaagctg gtgtcgaact tctgacctca agcgatccgc 120
ccgcctcggc ctcccagaag gctgggatta caggcgtgag ccaccgcat tggccgcagg 180
atcatagtct actgcagcct cgagcagcca cttccggggc agctcctcca ttctctgagt 240
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<210> 1600
<211> 278
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(278)
<223> n = A,T,C or G

<400> 1600
agattncccc cntnncctnc nncnnggnc acnaaanggg aantntnnnn nnaaaaaaaaa 60
aaaaagaggt ggggtgatta cttgaggtca gggtttgaga tcagcctgac caacatgggtg 120
aaaccctatc tctactaaaa atatagaatt agacaggcat ggtagcgac gcctgtaatc 180
ccatcttctt gggaggctga ggcaggagaa tcgctagaac ctgggagggtg gaggttacag 240
tagccgagat cgcgccactg cattccagcc tgggcaac 278

<210> 1601
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1601
actgggttaa tagcccttga tgacttttca tgtggcatga gagggatatg cttataaagc 60
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gcaaactaat ctttgtaaag cagtcagttt cagaagatac tttttatcaa aaaagatggc 180
aggtttaaca ttataccttt tggtttttgc ccaacatttg atttaatcta aagcaagaat 240
ataaaataat ttttaagaagc atataatttc ttttgataaa aagtaacaaa aatttaatgc 300

<210> 1602

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<211> 298
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(298)
<223> n = A,T,C or G

<400> 1602
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gatgatccgg catgaaggag ctgggatcat cctccgtctc aggtgggttg gggaaagtgt      120
aggggcaacc aaagatcatc ggcttgacta ggccttttgc cctgaacctc atgaagaaat      180
gataggaggc agacatatgt gcctaaaaag agcgttgagc tcagacagga gcaactcggn      240
ggnnngcggn ngncantttg atttgngncn tcnnccggcag ncncatccnc cgaatcac      298

<210> 1603
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1603
caaagatcta atgagtcaca ggatggggga tgaaattggg aaaggctctg attagcagag      60
ttgctgcaga aagaagtaga ggggaatatc ttagaaggca cttggacaga atgggggtga      120
tataaaagat gtatgctgtc atttttgttt tggctcctag aaaatatagc agaaagttag      180
aattttgtgc atacatcctg ttctgcacct taatatggaa gtttgccttt ccacacgagt      240
cttccttcac aattaacctc taattttttt tttgcagttt tctccagatt ttggaagatt      300

<210> 1604
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1604
atataaaact gaaggagag actgggagag agcttcacag aagagatttt tgggtcagat      60
gctgaaagac taggaaaatg tagtgcagag atggccggag gagagtctgg agttccaaat      120
agttgcctgc tagggaaggc agggagaggc tatgccgtga aggatcctcc atacacttta      180
aggattttgg gttttactct gtatgtgatt tggagctcct gaaggatgtt aatgaaaaga      240
gtgataggat tggatttgct tttggaaaga tctccatggt agcacgttct aaaatgggtt      300

<210> 1605
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1605
cttttagagg aaccagtatc atgactttaa tggtaattat ttatacaatt tttaatataa      60
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tttatgaatc gtgtattctt tcttcctttg ctcagcatta tgttttgaag agttatccat      180
gtagtatatg gtagttttat ttcattcatt tttgttatta tgtattatcc ctttgaatta      240
aatgtgccag aatttattca tccattctgc tgttggtaga tcattgagtt gtttctagta      300

<210> 1606
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1606
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ccccaaactc tgcccgcctc tgtccccgcc tcagtcctcg cctccatccc cgctctgtc      120
ccctggcctt ggcggctatt tttgccacct gccttgggtg cccaggagtc ccctactgtc      180

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gtgggctggg gttgggggca cagcagcccc aagcctgaga ggctggagcc catggctagt 240
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<210> 1607
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1607
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tcttgcttac cagagtgtag gcagtttttc ttaaaacttt caagaagact ggtgtcctca 180
tctaaaatac gaaatgctta cagtaattgc ctcattgggt tgtttgggtt gactaaatgt 240
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<210> 1608
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1608
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atgcactagt tttagtgttt catctgtaaa actacttttt tatgtgaatt tattttttta 120
aaaatgtctg tcaactaaaga gaaaatcatc atcgcttggc atggataaaa acactaactg 180
ccaaagtcac taacttttgg ccaaatacca aagccagcta aagtcacagg gccttggcct 240
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<210> 1609
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1609
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gggcggttaa cccgccggcc tctgggcaga gactaaaaga caaaacaaaa taaaacaaca 180
acaaaaaact ccagtgtgt ttctactct tctttgtctt ggaggaaagc aaaggagag 240
aatggactt caccagtggc ctttggcttc atcaattcac aggaaatggc atcaagatgg 300

<210> 1610
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1610
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tttttctcag atatgataat aatatatgct aagatcttgg ccaggcacgg tggctcacac 120
ctgtaatccc agcacttttg gaagccaagg tggcgagatc acttgaggtc aagagtttgc 180
tgccttcaaa tcaatcatta cttcttagca cctcttgaat tagaaaataa aaaatttggc 240
caggcgggtg ccaggcgcag tggctcatgc ctgtaatctc agcacttttg gaggctgagg 300

<210> 1611
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1611
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gctgttagga cataatgcga tggagacaat ttgcaacaat cactgaatcc acgtttctgc 180
tgtttaaggg tggctgaaag gatggaggta tagcttgtta tgcaaaatat acgcagaggt 240

tcatagtga gctgaggagg agggccttca aaagttaagt gggagatgtt taggtcagta 300

<210> 1612

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1612

ctggaattag attgtgtagg gccgacattg gatttatttt aagtacaata ggaagccact	60
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agtttgtgat aaatggagcc ttgaccttgg tgtcaagaaa ttgtccttga taccagcaag	180
gccaatttgg aggttattgc cattctgaga tgagaagcag taatgacttg gtgtttattt	240
gagatagaaa gcaagtaaaa tagaaacatt ttctggtagt agaggcaaga aaacttggtg	300

<210> 1613

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1613

ttttttaaga gataaggtct tgctatgtta tctaggctgg cctaaacttc tgggctgaag	60
tgatcctcct gtgtagctgg gactacaagc atgtgccacc aatgcctggc ttctcacact	120
gttttgaac atagatatgt gaagatgtgt attatagaat tgtttgaat actgtagtgt	180
tgtaggcaat gtgactgtct atagggaagt ggacagggtta tttgtggtta atactcatgg	240
aaaacggtca agcagttaaa agcaatcaat tatggtcacc cagcaatgca gataaatctt	300

<210> 1614

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1614

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gtagattcat tgctcactgt cagttctctt gctgaagttt tcctattttt ctcttgattt	120
gctgaaattc cttctccagt agtttaatca aaagggacta aatgaaaaaa aaaatattca	180
gttgttgcaa gttcaaaaag gtttttagtc tttgtgtttg attgacagct ttccagcata	240
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<210> 1615

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1615

tctaaattca tggtttatat ttatatatgt ccttaatcct cactcacatt ggccctacag	60
gtagattcat tgctcactgt cagttctctt gctgaagttt tcctattttt ctcttgattt	120
gctgaaattc cttctccagt agtttaatca aaagggacta aatgaaaaaa aaaatattca	180
gttgttgcaa gttcaaaaag gtttttagtc tttgtgtttg attgacagct ttccagcata	240
taaaattctt aggccacact ttctttcctt gagaacttca cagatgtcac ttctgtctct	300

<210> 1616

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1616

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tcaatgttat aacaaaacaa cgctgaatga aacgatccta ttgacgacct gctgtgaaat	120
acaggataat aactacccaa agggaggcag tgtgaaagtg gaatcacact gttgtaaagg	180
tattttattg tgggaggttg tacagtatta atctaagaag accagtaaag acgaatattg	240
taatccctgg agaaagcacc aagaaaataa aacaaataga gcttttcagg aaaaaaaaa	300

<210> 1617
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1617
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 gcacaaggtc cctgtctctgg agattctgct tcagtgggtg agacagaaaa taaacagttt 180
 cccgtcacca attttccttg gaattggaca gatggcagcc accataatga tactatatgt 240
 gtccaagcta aacaaaatca ttcacttccc tgattttgat aagaaaattc ctgtaaagct 300

<210> 1618
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1618
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 ctctcagccc ctgatgtgcc ccgcgtggtc ttcttaggga ggctcaatgc ataaagacag 180
 aataaaatgg gatcctccac agagatttaa tctgtagaag atcaaacacc tgttgccctg 240
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<210> 1619
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1619
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 aaactagagc atcactgaga agcaagagat agactgacct aactagaggg agagctgcca 180
 tccaggatga tgccaccatc acaggagggtg agaaggaaca cagcatcttc tgcaaatgct 240
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<210> 1620
 <211> 98
 <212> DNA
 <213> Homo sapiens

<400> 1620
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 tatcaacaca agtaaaaagc ttgatctaac aggtgggtg 98

<210> 1621
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1621
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 tctagatagt ctgttaacag gataaaaaaa taaaaaaagg cgagcttctt aatgattcag 120
 ctgaattaac tataaaatta aaatacctgc taattattat cttctaaaat aacacaaaat 180
 atattcaata cgcaatacaa acctcagtaa tccaattctc ctaatatgca attatttata 240
 acctctgaac taagaggaag tggtttgact aaacagagaa ataacaatgt ttttatccta 300

<210> 1622
 <211> 129
 <212> DNA

<213> Homo sapiens

<400> 1622

gtggcatttg	atgctgtggg	ttggagccca	gctttggggg	cagacacacc	tgggtttgaa	60
tcacattgct	gccccttcca	ggctcacatc	attttatttc	ttttttcttt	ttcttttttt	120
ttttttttt						129

<210> 1623

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1623

aaaggctatc	tatattagct	ggggttcccc	ccaaaagcaa	cattggataa	ggactcatgg	60
gcagatactt	tcttctggaa	aatgatcccg	taggatatgg	gtagaaaaag	aaattgggac	120
cagaaagaat	gaaacaggaa	agaaagaaag	cctattgaag	gatataaaat	ttctgtaaac	180
aactggagct	tagtcccact	gaggccccct	gaggaactgc	gcagaatgta	agacagagga	240
ggaaatattt	agccaccagt	tcctatctcc	cattggccaa	cttgatgctg	agttcaggag	300

<210> 1624

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1624

gggattacag	gcgtgagcca	ccgcgcccag	cctcatatcc	cccatttcaa	acacgctgta	60
aacaatgctc	aattactttc	ctcttaagtt	gaaaccacca	attactgggg	aaaggggcag	120
ttagatttta	ttggttgact	ttgtgttttt	actaatcctt	gttgaaaagt	agaggaattg	180
gttttagtga	gaaaacaaaa	tactaaaaaa	tctgccacta	gactttttta	gtcaagagtt	240
tgtataaaat	gaaacatatc	tactatctaa	tctataaaat	ttagaatctt	tttaattcta	300

<210> 1625

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1625

cattacatga	ttctgtctta	acgaagatag	aagcatttta	ttgcataagt	tttcttctgt	60
gtgtgggaat	catatgtggg	tgtatatatg	tttaaggggt	atgcatccgg	gtagacgttt	120
gtgtgtggac	atgtgtgtac	aggtatataa	gtacatgtgt	catagccttg	gtacaggtct	180
catagccttg	cagcactgtg	ttcctggcgg	gagtggcatc	tgtctgcatg	tctgaaaatg	240
ccacgtgtgc	attctgctga	tcaccaaggt	tcgtggctgt	aggcatcctc	tcttcagtgc	300

<210> 1626

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1626

gctctgtgac	accctttttg	tgatcttcag	tgctgttttt	atggttacac	gactaggaat	60
ctatccattc	tggattctga	acacgaccct	ctttgagagt	tgggagataa	tcgggcctta	120
tgcttcatgg	tggtcctca	atggcctgct	gctgacccta	cagcttctgc	atgtcatctg	180
gtcctacct	attgcacgga	ttgctttgaa	agccttgatc	aggggaaagg	tatcgaagga	240
tgatcgcagt	gatgtggaga	gcagctcaga	ggaagaagat	gtgaccacct	gcacaaaaag	300

<210> 1627

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1627

cagggatcca	cttgccttaa	tttgcacagt	gttcttataa	atcaacagaa	agtacacata	60
acagaaaaat	ttaaaaagggt	agggatcatt	taggaaaaaa	tgcaaatgcc	aacaaatgtg	120
agaaaaatgct	caatcttact	tataatttaa	gaactacaat	tcagccaggc	gcggtggctc	180
atgcctgtaa	tcccagctac	ttgggaggct	gaggcacgag	aattgcttga	acccaagagg	240
gagaggttgc	agtgaagcaa	gatcatgcc	ctgcactcca	gcctgggcga	cagagcaaga	300

<210> 1628

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1628

gtgaggcata	tttgctttaa	catgcgctta	ttacagaagt	tatgtttact	gtagaaat	60
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tttgaccct	tttgttttat	tctatagatg	tatatttttg	tgtttacaga	aacttgatca	180
tattatttta	taacttgctg	tttcatataa	aattatcatg	aacatctttt	gtgtcatgac	240
atgtctcttc	ttttaatgag	tgcatagtct	tccaaactac	aaatcttcca	tactctgttt	300

<210> 1629

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1629

ggtaagtgt	tagaacaata	tctaacacat	agtggttgcc	cagtaaatgt	gagctgtgtt	60
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aattctaatt	tttaagatgg	aattattcta	gttggttgat	ttacacactg	tagcattatt	180
tttggaact	accaaattat	tccagtttgt	catcataaag	tagttgctaa	agcaataaaa	240
agtgaatat	ttattcatga	aagagtagtt	catgtcatta	agtgtatgaa	tggagtgttt	300

<210> 1630

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1630

aaaaagttga	gtatttatat	gtgccagtgt	gtatcatgct	gaatacttta	tctggatggt	60
gttatattat	ccctcctata	gactattgag	ttgagtactg	ttattagatc	cattttacaa	120
atgaggaaac	tatggagaga	ttaagtaatt	tgcccaagat	cccataataa	gaaggcaagt	180
gtcgaatgcc	aggcattcta	acttcagagt	ccatagtctt	aacccttggt	ctattctctt	240
ccacaaatac	accagcagg	taaaagactg	agaaaaataa	atatcaaaaa	gtaccttttg	300

<210> 1631

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1631

ctatgatcta	gatctagtat	aactcttggt	gttttatata	ttttattaca	ctggaacagc	60
tcgtgccctc	ggtctcttgc	ctcggcacct	ggatggcttg	ccgccacat	attggaactt	120
cattgtggaa	gttacttttag	gcctgacagt	gaaggagttt	cctctagaga	gagtttctgt	180
taacttctga	tctgtgttct	tttgtaaagc	atgtctcttg	taaacagcat	atagttggtc	240
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<210> 1632

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1632

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taacagtgtt	aggtgaacag	ttgtccagtc	tcctgttttg	tcggacactg	tttctagcac	120
cttcaggca	gaatctcatg	tatccttcac	tttcgaaatg	ggtactatgt	catcccccact	180
tttatcaatg	agaaactaaa	gctcgaagag	gtcaagtaag	ttcctggcca	aggtcagcta	240
gcaggctcta	gaggcctcgt	tctccttaga	ggcaagcctt	gccagggccc	aggcttgga	300

<210> 1633

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1633

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tattatattag	ttgtcacgct	tctttaatct	ccttcagtct	gcaatagatt	cttagtttct	120
cttagatttt	catggacttt	gttacttttg	aagattatca	gcagttatgt	tgtatctctc	180
agtttgggtt	tatctgatgt	ttctgcctag	attcaagtta	gacatttcaa	gtagtactgt	240
aacagaagtt	atgctatggt	cttttcatg	cattctatca	gattacatga	ttttgattca	300

<210> 1634

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1634

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gtgtggtggt	aatttgcttg	ttcctaagtt	taaatgaggt	agagcatttt	atgacatgcc	120
tggtctagtc	ttttgcttat	ttttctaatt	gccttttctt	tttcttaata	atttcagttc	180
ttcatatggt	cagcatacta	gtcctttgtc	aatttacatg	tattgaatat	atatactctc	240
ccattctgcg	gcttattggt	ccattcttca	tgaacatttg	taattttaat	gtcctattta	300

<210> 1635

<211> 164

<212> DNA

<213> Homo sapiens

<400> 1635

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gggattacag	gcatgagcca	caatacctgg	ccaagtcctt	ttttttaatc	aaatgactta	120
ttaatacaca	gtttctttgc	cagcttttgt	tccttttagt	gaga		164

<210> 1636

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1636

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aagaaacaga	gatgactctt	tctgtataac	tcaaattctt	aaaagaaacc	cttgatatat	120
agtgtcaatt	atatgaactc	tacctcaggg	tacctaaaaa	aagaatgttt	ggttaccgga	180
atgaggggga	ggttttcctt	tagagagaag	tattggggcc	aacaaatgaa	aaaggaatag	240
tttgaacacc	acattttgca	actcctaagt	aaataatgga	tttaaagaat	tatcgatggc	300

<210> 1637

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1637

aagaaagggg	aagtaggaac	agggagcaga	gcaaagcata	acttgctgtg	ttccagggat	60
ttaaaaataa	attactgtca	agagcaatat	aagggtcatg	ggtttgatca	ggaacttttt	120
gtaaatgaaa	aagttcacaa	tttggaaaaa	acagtgtctg	atgtgttatg	gaaattgtta	180
tcacaaatta	ttccactgaa	actcaagtat	ataagacaac	aatatattgc	tgtgaaatct	240

taattttgac atatggaagg taacacaaaa taagaacccat acctttttgc ttgaagtga 300

<210> 1638

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1638

ggcagcagca	gcagcagcag	cagtgggtgga	acgaggaggt	ggagaattga	gagcacgatg	60
catacacagg	tgtttctgag	tagtaattag	atcgctgtga	aggaaaaagc	acacctttga	120
gttttcacct	gtgaacacta	tagcgctgag	agagacagtc	tgaaagcaga	ggaagacatc	180
gatcagtaac	accaagagac	accaaagttg	aaagttttgt	tttctttccc	tctgttttat	240
ttttccccc	gtgtgcccta	ctatggtcag	aaagcctggt	gtgtccacca	tctccaaagg	300

<210> 1639

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1639

gatggggagc	cattgaagg	ttttttgagc	aggggaagtga	catcacctgg	gttacatttt	60
aaagattcac	tctggcagca	gagtgaagaa	tagactaaag	gaggcaggag	gacacgagtg	120
aaaacaggga	gctatagcaa	gagtctttgt	ggttgcccg	gctaaagatg	atgctggctt	180
ggactggtgt	agtagtgata	gacctacaca	agtggtagga	tcaaaacaga	ttgaagctag	240
agctcacagg	aatttgctgc	catgtgtgaa	aaagaggata	gaaatgactg	ctaggttgag	300

<210> 1640

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1640

gctatttgtg	ttttgttgca	ctgttttttt	tggttgtttg	tttgtttatt	tggttggtt	60
tttggagagg	gaaatggggg	tgaaatattt	ttttatttgt	gaatcatttt	gtgaatgtcc	120
ccctcaaaaa	aagctaattg	aatttttggc	ataaagggca	tttgggtggt	ttatttttgt	180
ttgaggggga	ttgtcagaaa	atcccttttc	tctcttacgt	ctaactgact	agggaacaat	240
tggtgatatg	catagcattg	gaatacttgt	cattatatac	tcttacaat	aacacatgaa	300

<210> 1641

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(300)

<223> n = A,T,C or G

<400> 1641

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ccccaaaagc	aaaaccctga	ggcagggatc	ttggttgaag	tggggagggg	atcccagaaa	120
gtggggtgag	ggtacggagg	catgaggtag	gaaagggaag	aaaggagata	aaatgtgtgt	180
taatgagcag	gttagcactg	tggaaccaca	cgctcaatcc	cactgagacg	tgaggaagct	240
gggaatgtat	ccaccaggcc	ttaattttatc	aagatgagga	ttactcctng	aaatgttaac	300

<210> 1642

<211> 298

<212> DNA

<213> Homo sapiens

<400> 1642

gcaagctgcg	tgaccgggag	atccagctgg	agatcagtg	caaagagcgg	ctggaagacc	60
tgaacttccc	tgagatcaaa	cgaaggaaga	tggtctgacag	gaaggatgag	gacaggaagc	120
aatttaaaga	cctctttgac	ctgaacagct	ctgaagagga	cgacaccgag	ggattctcgg	180
agagagggat	actgaggccc	ctgagcactc	ggcatgggg	gaagacgatg	aagaggacga	240
ggaggagggc	gaggaggaca	gcagcaactc	ggaggatgga	gacccagacg	cagaggcg	298

<210> 1643
 <211> 277
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(277)
 <223> n = A,T,C or G

<400> 1643	
tagttttttg	ttttnnnnnn nntttttttt ttttgtatat tgatgaatga gatcttacct 60
attaaatata	ttattggatt atggttcctg aagggtcatta aagtttgagt gtgtgtgtgt 120
gtgtgtgtgt	gtgtgtgtgt gttttatgac ttaaataatct ttacgtgtgt tttttagagc 180
ttggttcttt	aaagatttgg agaagatatg taaattacca aggcacttgg ttcttctggt 240
ttatatacta	ataatcaggg cctaagttaa ataaaaa 277

<210> 1644
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1644	
aagacctgca	gcttcagcat cacttgagaa gttgttagga atgcatacta gtgggccccg 60
ccccagaca	tagtgaatca gaaaccaaca gggaggcgcc tagcattgtt tttttaacaa 120
gtgctgggtt	attctgatgc acagtctagt ttaagaacca ctactttggg taaacgtttt 180
gactgtttaa	agtttatggc ggtgaagtgg gcattctcaa agactagtac ttacacagtt 240
tagaagattt	caaggtactg ctgacagtag tttattatgt cagtatacat acgtgtagag 300

<210> 1645
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1645	
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tttccagct	tcccttgaag ctagagaggc cacgtgtctg agtcctggtc agtgatgttg 120
gggaagtga	tgtggaactg ctaagcctgg agccggagca accttctcc tgcagtcctc 180
ggaggatggt	ggaactctta cacggaagga tatgcgttcc tggaggcatg cgaggcaggc 240
aggagcccca	cagctcccct ccacaccaat tcatctgcac aggaatatgg gattgcaat 300

<210> 1646
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1646	
ggtctacagt	atgtagaagc agaagttagt attaatgagg atggtacctt gtttgatggt 60
cgaccaatag	agtctctgtc cctgatagat gccgtaatgc ctgatgtagt acaaacaaga 120
caacaagctt	atagagataa gcttgacag caacaggcag cagctgctgc agctgccgca 180
gctgcagcca	gccaaacagg atctgcaaaa aatggagaaa acacagcaaa tggggaggag 240
aatggagcac	atactatagc aaataatcat actgatatga tggaagtgga tggggatggt 300

<210> 1647
 <211> 300

<212> DNA
<213> Homo sapiens

<400> 1647
ctaccctaca gatattgaat gcaccttgag ataatttagt gtttttaact gatacataat 60
ttatcaagca gtacatgaaa gtgtaataat aaaatgtcta tgtatcttta gttacattca 120
aatttgtaac ttataaaaca tgttttatgc ttgaggaaat ttttaagggtg gtagtataaa 180
tggaacttt ttgaagtaca ccggatatgg gctacttggtg actagacttt taaactttgc 240
tctttcaagc agaagcctgg tttctgggag aacactgcac agcgatttct ttcccaggat 300

<210> 1648
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1648
aaaaggtggc catgtgagaa ggactcagca agactttgct ggctttgaag atggaagaat 60
gtggccaaaa gcctagggat gaatatggct tctagaatct ataataaaca aggaaacatt 120
atttcccaga gcctctagaa ggactgcgtt ttgcttttgc ctcggtttta gccagtaag 180
acccatttta gacttctgat ctttggaatt gtaggttaat gcatttatat tattttaagc 240
cactaatttc tggttaattg ttacagcagc cgtaggaaat taacatgtag gaaaataaac 300

<210> 1649
<211> 166
<212> DNA
<213> Homo sapiens

<400> 1649
ctcagctgaa attcttttcc ctatctagtt ttgttaagga attcaacaca tgccagttaa 60
gctgtcataa atgaaataat ctacctgag gctgtatttt aacagattat tatatcgaaa 120
gaaaaaaatg aatgtttata aaataacatt tctttttttt tttttt 166

<210> 1650
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1650
ggaaccaggg gctgcagaac cagcccctcc ccaatgagga ccccctctgg acgcccctcc 60
ccatggagaa caccaggagc cacagacccc agaccacaga gcacacaggg gagggcacgg 120
ggcgccggg gcaggggtgc tgctgcctcg tttatgggat ttgctccgcg tctagcacac 180
tgctgcctgc agtgctcctg tcccctgcag tggctactct gggcctacgg gcctaactct 240
ggttggcatg aaaatgtcct gaggtactg tgacaaattt ccacaagctg agtggcttaa 300

<210> 1651
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1651
tgaacttggt cattttgttt tgcttgggag gaaaataaac aattttactt ttttccttta 60
ggagcattat gagcatatg tcagaataga atagaattgg ggctcgatct taacaggcca 120
gaaatgcctg ggtttttttg gttttgtttt gttttgtttt ttttatcaaa tctgctga 180
ctgtctgctt gttttgccta ccatcgtgac atctccatgg ctgtaccacc ttgtcgggta 240
gcttatcaga ctgatgttga ctgttgaatc tcatggcaac accagtcgat gggctgtctg 300

<210> 1652
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1652
 ggttcagaga aaagtaggca gagaaaggca gtttaggagg tgacacaaga gggaagccta 60
 aggagagaga actggatgga gcttcccagg tgatgacagg gttgaactcc agggctatac 120
 ccagctgagc aaggagagct ttgcctcttc aggagactgg aagttgggga agactccaac 180
 aggcttgtgg tcagaagctc aggagactgg gaaggaaaag tgaatttctg aggagtcta 240
 gttcatttca ttaatttgtt caattcttta acgtatgttt attatggacc tactatgttg 300

<210> 1653
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1653
 tagacagcca tggtgtcac acaaagcctg tttgctggtc tcttcacacg gactcgagt 60
 aaaatacaca cgcacacaca cacaatgga catttacctt actcctgctt ttgtgctatt 120
 gtggtcatgc atagtatttc ttttttgctg ttgtttttct tggtgttttc actgtcatac 180
 aggtatttat gatggaaaca gaatcagagt ctgaccttcc tgacttgaag tacaagggtt 240
 ctgggggtttt tcattcgtgt tttatgtgtt ttttaaaaaa ttatttgtgt ttttaatcga 300

<210> 1654
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1654
 agacaagcca gatcaccaag atccccattc tgaaagaccg ggagcctgga ggtgtgaccc 60
 agcagggctg ttgtatccat gccatcgagc tgaatccttc tagaacactg ctagccactg 120
 gaggagacaa cccaacagt cttgccatct atcgactacc tacgctggat cctgtgtgtg 180
 taggagatga tggacacaag gactggatct tttccatcgc atggatcagc gacactatgg 240
 cagtgtctgg ctcacgtgat gggtctatgg gactctggga ggtgacagat gatgttttga 300

<210> 1655
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1655
 accacgcca cctgtaacca ttatttttaa gattgctacc attggatagt tctgtcattg 60
 tccaactttt ggatatttaa aattgatccc tgtgtggcta acagaattaa tggttccaaa 120
 aatgttgaaa attatatagt tctcttaatt cccacctct aactatattt ttgggttatt 180
 tctttaggaa cagatgcca ggagtcatat tactgagaat ctagaaatct tttgcaaagt 240
 tctgtttata ttgccaaatt gcttcccaaa aggggtgttc taaaccataa tttcaccagc 300

<210> 1656
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1656
 gagaaagtaa agtcccttta taatggcatg tgaaccagac aatttagtag ccagggttgt 60
 aaggcaactc ttaactgaca atatagttag tatattctgg gccttcatct tcaaaattag 120
 taggtagtat ttattgagt catatcatgt gccaggcctg gtgctgagt cttacaatga 180
 tcattttata tatgggaaaa ttgaggctca gcagggtcaa gtgccttgta agaggtagca 240
 ctagtaagta acagtgtctca aattcaacta ggtctttcag ctttttatac aatactgcct 300

<210> 1657
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1657

gtgatttact	ttctcattca	aaatacatat	tggatattgt	atctaatttt	gtattggtaa	60
ttttgggtta	tgaaacccca	gatttgaagc	cccaaattgt	atagggttca	atgcccataa	120
aaccagatc	tgcccctgct	tagaggccgg	cccctctagg	agacagcatg	tggggccacc	180
cagagatgca	ggactcttct	gttctgccct	atcgcagcag	agaggccatc	cctggagctg	240
gaaggtgcag	actgggaatt	gctccttctc	tgaattgcta	gctcctgcta	atgcctgcat	300

<210> 1658

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1658

gtggcccaag	gggcccacaa	taaataacac	agtcactcct	attggtacag	caatgccaaag	60
atttagaagt	tatttcatag	gagctgggac	aaaggtcaaa	cctctctttg	ggcaagaccg	120
tattctttat	tgcatagctt	tgaaaagaga	ttttgtatta	cccaaacatt	tattttaaaa	180
aggcaccccc	atatatccat	cactcgaact	gtacatttct	aaatgtacat	tgacctttgg	240
tatattagtc	tagcaatcca	gattttgcct	cttggttaagc	gtatcagggg	cctggcagga	300

<210> 1659

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1659

agacactgaa	ggaaccaata	aataatcctg	cctctattaa	tgtattttta	tttatcatgt	60
aacctcaaag	agccttctgt	attgagtaag	cattctatgt	ctttttttta	ttgtacttgt	120
attagatttt	taaggcctat	aatcatgaaa	tactactagt	tgccagaata	ataaaaagaa	180
ctgagtttaa	ttatgaataa	tatgtaagct	aggacttcta	ctttagggtc	acatacctgc	240
ctgctagacg	ggcaacatga	agtaggacag	ttctgttgat	tttttagggc	catactaaag	300

<210> 1660

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1660

tccccatctc	cacactccct	accctctgtc	ccctcaaccc	tgctttatct	ttttatgaag	60
aagagagatg	acattatttg	gattttgata	ttaaacagct	aggttatctt	aggtaaatac	120
ataagctttt	gtgggcccac	gtttcttcat	ttgaaaaatg	aagttggact	agttttgcag	180
tgcttaactg	cacagagcat	tagaatcacc	tggggagact	tcataaacta	cacaaccagg	240
ggtgtacctg	agatcaaatg	aatctaggcc	ttctcaactt	taatgtgcag	acaaatcacc	300

<210> 1661

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(300)

<223> n = A,T,C or G

<400> 1661

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ctgctttatt	tttttatgaa	gaagagagat	gacattatct	ggattttgat	attaaacagc	120
taggttatct	taggtaaata	cataagcttt	tgtggggcac	agtttcttca	tttgaaaaat	180
gaagttggac	tagttttgca	gtgcttaact	gcacagagca	ttagaatcac	ctgggggagac	240
ttcataaact	acacaaccag	gggtgtacct	gagatcaaat	gaatctaggc	cttctcaact	300

<210> 1662

<211> 300

<212> DNA
<213> Homo sapiens

<400> 1662
atctatatct attaatatct ttctgtagat ctatacctat catatccatc catatgttta 60
tattatatct acctaatact tttaatctat atcatgttat gcacatatat atgaaacatt 120
tttgagtga aaattttatg gaaaaagtat tctatataag gtggattagt aatcctcttt 180
tgaaaaaaa ttctagttct tctcaattgt gaaagatatg tctaagcttt ctaacaaat 240
gaactccaaa cagtcttaga tgtctgcctc tttttaatca tttagtgaat taattggttt 300

<210> 1663
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1663
gttggtgtgt gtctgcatgt ccaaatctcc ctctcctttc tcttataaag acataggtca 60
ttggattttg ggcccatcgt aaatccagga caatttcac ttgacatccg taactgattt 120
tatctgcaaa gtctctatct ccaataaag tcactttctg agatttcagg tggacagtta 180
tttgcgggga tagtattcac cccactagat tcagggttgt gggaagtgtt gcttactaaa 240
ctctggttca cggagctgcc aaagaaaaga gatttatttt taaacctagg agagaaggca 300

<210> 1664
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1664
caggctcatc tccaactgac ctcatgatcc actggcttcg gcctcccaa gtgctggagt 60
gcagtgtgt gatcatggct cactgcagcc ttgacctctc gggctaaagc aatttgcctt 120
cctcggcctc tcaaagtgtc gggattacag gtgtgagcca ctgcacgtgg cctcttttta 180
gtttattttt tccaaaatta ttttgaaaag tttcaagggt gaatgtagtg acaccatcac 240
ggctcaccga agacttgacc tcttgggctc aggtgatcct cccacctcag cctctcaagt 300

<210> 1665
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1665
gttgatctct catcagtgtt tgacagttaa tcactttttc ctcttgaaa tacctctttg 60
aggcttccaa gacaccacac acaactgggt tacctctctc tgtctctctc ttttttgttt 120
cctttgtgta ctctttctca gcatttctgc tagggttcag tccatggctt ccttcacatt 180
tctgtctcac tttctccctt aatgttgcta tctagtcttt taattttatt tatttctagt 240
tttaaaattt aattttaaaa acttaatttt atttaatttt tgagacacag tcctttagt 300

<210> 1666
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1666
aaaattatca aaccatcctt tgctggcatt aaatattcaa gttgaagatc cttcaccttc 60
ctttaatcct atattagagt ctataggtgt gtctttctta tagcaatcct gcaactcacat 120
aaaaactgga ttttcaatat aagatcaaaa tgtatttcac aaaaaatgca tctttatatt 180
tggttacatt tctctgact gaatgggtgc atgtacagtc tgtgtaagt atagaaaacg 240
tttgccaaact cgtagtctac cattttggta tttggtttct atttggttcg tctgggtctt 300

<210> 1667
<211> 300
<212> DNA

<213> Homo sapiens

<400> 1667

ctgagacatg	agaatcactt	gaacctggga	ggtggaggat	gcagtgagct	gagattgagc	60
cattgcactc	cagcctgggc	aacagagcga	gactcttgtc	tcaagaagaa	gaaaaaaga	120
aaaagaaaa	gaaaaagaaa	aaacttttga	tgccagtagt	tctgtgaaga	caacaaaaaa	180
gcagggttt	gagagagagc	aatgagggca	taggtggctg	attacatcag	atgggttaat	240
ctccaagtga	aatttggggg	aacggtgttc	caggcatagg	gaatagcaga	tgtaaaggcc	300

<210> 1668

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1668

gtaaagtgtg	ctgattgaga	actagagttg	tggggtcaga	cagacctggc	ttcaaatacct	60
cctcggccac	ttacagctat	gtgatctctc	tgagctcagg	tttctcatct	gcaaagttag	120
gttaataata	caagttcttg	ctcattgttt	tggtgggagg	agtgaatgag	ataaatcacg	180
taaagcacgg	accacagtga	ctggctgata	ataagcctca	gtggatggtc	gcccttagaa	240
ttattttcta	accctttgct	tttgaggcag	ctggtgagct	ctgtagcctc	agagattact	300

<210> 1669

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1669

ggatgggtgc	cctggagcca	ggcaaggcag	gaggccccag	aaacttggtg	ggggagataa	60
cggaggggat	ggagcaggag	gaatcctgaa	aaccggactg	ggagagatgg	ggccgagtgg	120
acgatgccca	gtaccagcgg	gcgtctgaga	ctgaaacatt	aattctgaag	aagaagaaac	180
tagacagtca	gacctccagg	actaagatga	agtgagccga	gaggagatcg	tatcataaga	240
atgcttctgt	cgttagccgg	gtgcagtgtc	gtgtgtatct	agttccagct	acttgagagg	300

<210> 1670

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1670

ctaaagccgg	ctatgggaag	ccatgtcata	cttggctacc	ttcctatgtt	ccttctcaca	60
gcaaaactct	tggactgata	atgtgaagtc	acccctctgt	gtcttcttgt	gaaatggctt	120
gggcgtctct	gggctctgac	ttgctcatct	gggaagagat	ggggtagagg	gagttggatt	180
ataaatcatg	cttactcag	tcaacagaat	gctactcagg	cactaaaaat	gatggcgtag	240
ccctacgtat	tctgacatgg	gaagatggcc	acaatatctt	attatgtgga	aaaaactagt	300

<210> 1671

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1671

aaaatgcttt	cctatacatc	atcttaccac	agtatcgtga	gacagtcagg	aaaagtagac	60
aaatgtcatt	aacttcattt	taaagatgaa	gaaactcagg	cacaaaaaca	gttatcaaat	120
tgccaaaagg	gcacatagtt	ttagaaatgg	gactgaaatc	cagctttcct	gactcaaagt	180
cctatgttaa	tccaccagtc	atgtattgag	cttctgctat	gggctatgta	ttgtgctgaa	240
tgtagaccaa	cacagaataa	ttcctaaatc	ttacagactt	tttcatagta	ccctgtctgg	300

<210> 1672

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1672
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gtcaaccacc actgggagct cctgcagctt ggcaagctca ccagcacccc agtgacagat 120
cgaggaccac atctcctcaa cgctctgaac agttataaaa gccgggttcct ctgagggaag 180
gagatcaaga agaagaagtg catcttccgc ctgcgcatcc gcgtcccacc caaccgcga 240
gggaagctgc tgcctgacaa aggactgctg caaatgagaa cagcgctcc tctgagctgc 300

<210> 1673
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1673
cttgcttgaa atacagaatg tccagatcta ctgagtcaga atttacattt tcaaaagctt 60
cctacgtgac tcatgcatat taaagtttg gaagcactga cttagattac cttttgagaa 120
ttccagatgg gtcagaaacc agacagaaat actcagtagt gagaagctat ggtgtatcag 180
aagctgttag gcatttcatg gtttggtagt gagcaagaca gatagttttc ctgtattcag 240
cgacttagtc tagagagaga caggatggaa ttaagtgtt aggtgctagc caaaagtaaa 300

<210> 1674
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1674
aaatcagtta ttaaacttta tgtatatatt ttagccagag cttaattttt atgaagataa 60
agacatgaag tttaacaatg gacaacagtt agtacagcta attgtgaggt caagtaattg 120
ttagacatag gggaaggctt tggtccacaa tattatatgg accactgaac aagaatgaca 180
gccctttgtt atcacttggc atatgaaaag tggtgtgtgc atagtttgtg ttaatttttt 240
atgtgcataa aaatgtgatt ttaattttata tgctctgaag gataattcag ggtatagtta 300

<210> 1675
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1675
aatccttctt gggaaacatg ttattgtcct cattgtccag attagaaaac tgagtgtaaa 60
gtaagttaaa ttatagtcct aagggtgaat gctaataaag acagaataca agtccaatat 120
attggactca aaagccctca cttaactatg gtctccatgg gcttcccttg gctctctctg 180
ccttttttta ttttttctta ttgcttgagg ccctttctgg aaggtaagtc tggattatct 240
acttcacact gtttttagaga agacttgtgg tttccattta ccccttactc cctccgctcc 300

<210> 1676
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1676
ctttcagtgg cctccctgtg gaagtgcacat gctcattttt gccttattct gtaagtgggg 60
agtcactaag tctagcctat attcaagggt aaggagagtt aagctccacc tcttaaagg 120
aaaatttata gacattttca aatgactaca tcacttaacc cctcaccatc tgccctccca 180
ttgctagcac ttgatgacta gcccttgctg ggctttacat gaacagatgt ttcccaaagt 240
tataaaatta gtaccactaa aatgtatcaa atgttaagcc attctgtggt atgtcatagt 300

<210> 1677
<211> 300
<212> DNA
<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

<400> 1677
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 acaaaccagc tgaatcataa aaacaaatga ctagttactg ggaggggttt ctctctttct 120
 cattatTTTT acttctacca aagtaatgtg cacatactgg taattttatt ttattttaat 180
 tttcaccaag ctagctaatt ttctttcttt tttttttgng naggngggct gtcggccttt 240
 tgctgaggnt gatctccaac tcctgncctc aancannct tcncttggg cctaccagag 300

<210> 1678
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1678
 ggggcctgag gtgccagggt tcacagacag ggtttccac cagccacacg caccagctct 60
 atttggggga agtgtagtga ggaggagccc agaggacccc aggggagtga ggaggagaa 120
 cttggaagg tgcagcccac ttccagactc tcccctctcc cacccttcta ccctgtgaag 180
 ggaaatgagg gctttagttt cctgggcagg gaggggcagc ttctgaggtt gccaaaggcc 240
 cccactggat ggaacctgtt agctgctcct ctccgcagcc agaaatgctg ccggtctgcac 300

<210> 1679
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1679
 ggctgcctgg ggaaggagaa atctgagcca agacctgaca aatgaatagg agtaagctaa 60
 ggaaagtga tgggtgagt gagttccaaa tggagggaac tgcattgtga gaggcctgga 120
 ggtgagggga acctgggcac attccaggag ctgaagggtt tgttggtgct ggaacataaa 180
 gagccaaagg gggccaagca gtgcttcaca cctgtaatcc cagcactctg ggaggccgag 240
 gtgggcagat cacctgaggt caggagttca agaccagcct ggtcaacgtg gtgaaaccct 300

<210> 1680
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1680
 aggcatTTca aactgaacac atctgataca gaacttttca tttccttccc aactttgccc 60
 acgccagcct gtcctcctt cacgctttcc acttagtata tgatccact attcactcag 120
 tctctgaagc ttaaaacctt ggattcatcc ttgactactg tattctttac aatctactcc 180
 taatgcatta gcaattcttg ctagctctac cttcaaaata tattctgaat agactatttc 240
 ttgccgtttc ccttgccctc ccatttccca tctgcacccc ttctctctc cccaaatcaa 300

<210> 1681
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1681
 aggatgtctg ctggacatcc aagtggctgt gtcaagtagt catctgtcta tttgtgtctg 60
 aagtgccag gagaggcctg agcttggagc ttacatctgg gactcattgc taagtaaatt 120
 atatttatgt aatgggaaag gatgaaaacc cacatgtagg atgagagttg gccttgagcc 180
 tttagcgttc ccgtagtttc ttttatttat ttattttatt attttgagat ggagtctcac 240
 tgctgtccag gttggagtgc agtggcgcgg gcgcgatctc ggctcactgc aggtccgcgc 300

<210> 1682

<211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1682
 ttcttgagga gctgagcctt cgctcctcag atcacaggct cacatgttga agctggcagt 60
 gctagagact agttcctatc tgtgtgacag catttttaac ttaacaggac cgcctttgat 120
 gttcccaaat atttataggc agcttttagat catttcagtg tgtgctttct ttttcttctc 180
 tctctctctc tctcttttaa ctggagcaaa agttcttcct catgcaacag ccttcctttt 240
 atcctgttta gtttattttt gtttcctttg cagctttggc gaaggctgtc tggtgcatt 300

<210> 1683
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1683
 tgaagccagg aaagggggtg ggctaggggg tgctgtttta ggtagagtga tgggaacagc 60
 cccactgagc atacttttagc cacatgagta gctggaagaa aagccttcta ggaccaggga 120
 acagcaagtg caacagccct gagacaggat gggcttgta gtttgaggag cagtgggagg 180
 cctgaaccag gttacatggg gccagccag tatggccacg actttgtgtt ttatccagag 240
 taaaaaggag cctcactgag ggacaaggga agtggcatga tgtgacccgc atattaagag 300

<210> 1684
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1684
 gcggagaaga ggggtagtgg ttggaaggag gaattctcct ttagggaaga tgtctgggaa 60
 ggcctctctg agagagtggc ctttgaaagg agaccctaac tggatgaggg atgagaggct 120
 gagccatgta agtatctgga tggaaaacat tacaggcgga gacagtgggt tgtgcaaagg 180
 ccctgggaca gggtcaccg tgtaaacatg gcgccatgag ccagcctctc aggaaaaggg 240
 tctcatgaac aaatgaggaa agcaagtaga ggtagggcag ggaggggagag gcaaaggaaat 300

<210> 1685
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

<400> 1685
 agcagtatag ccacagcacc aacgaatgag gaagagcaaa atactgcatg acagctttgc 60
 taagaattct ttcacttttt ttgtctatca gccaggagct agcaacttgg cttattttga 120
 aattttaagt gtacatatcc tggctcctta aatcctttac agatttaaag tgcagtcagt 180
 ggagggcgag tggtttcgga aaaaaaaaag aaaaaaagaa aaaaaaagaa aaaaaaaga 240
 ttttttcttt ctntnaancg gantcgnnat ggggttgat nntttcaang ggggggttaa 300

<210> 1686
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1686
 cccaacccca ggtgtgccgc gtgctgcccc tgagagccct gccccgcgct gtgaccccg 60
 agatgcgcgc cctgggtgga gactggctgg tccagggtga cgtaggagta cctgggtctg 120
 gctggtgaca cactttatct ggcggttcac ctgcttgatt cctacctgag cgctggccgc 180

gtgcgtctac	atcgccctgca	gctgctgggc	gtggcttgcc	tgtttggtgc	gtgcaaaatg	240
gaagagtgcg	tgcttcccga	gcccgccttc	ctctgcctcc	tgagcgcgga	ctccttctca	300

<210> 1687

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1687

ccacactgct	gttctcatga	tactgagttc	tcacaagtcc	tgtttgtttt	ataaggggct	60
tttccccctt	ttgctcaaca	cttcttcctg	ccatcatgtg	aagaaggacg	tgtttgtttc	120
cccttctgcc	acgattgtaa	gtttcctgag	gccttcccag	ctatgtggaa	ctgtgagtta	180
attaaacctc	tttcttttat	aaattacca	gtcatgggca	gtcctttaca	gcagcatgag	240
aatggactaa	tacactcctc	aaatgttttg	aagattgttg	caccttgga	ctaccagtgt	300

<210> 1688

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1688

agttttggat	gagacttggg	atgggtccatt	ctgggacaaa	attcctctct	ctctctctct	60
gcggacccgt	gaaatctaga	aaataagtta	tttgcttcta	aaatacagtg	atgggacaga	120
cataggatag	acattcccat	ttcaaaagt	agaaattggg	ccaggtgcag	tggtcacac	180
ctgtaacccc	agcacctgta	atcctagctc	cccaggcggc	tgaggcagga	ggattgcttg	240
agcctgggag	atcaagggtg	tagtgagcca	tgattgcgcc	acctttattg	gaaactttta	300

<210> 1689

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1689

ggccaaacta	gggcctgctc	tgacatccgc	aatgtacgtc	cactagcagt	gcgcaagacc	60
tcccgcgaga	caggtgttgt	ttttaatgcc	catctcacag	atgaggaaaa	gatctcaaag	120
taccttgatt	atttacccaa	agttcccgac	ccaggccttt	aaaacttttt	atgcatgcac	180
cgcctcttga	ccacatcaga	caatcaccac	aaaacgatgg	gctgacagtt	actagagggg	240
tagtaactta	tctttaaag	ggccaggtag	taaatatttt	aggctttgtg	gccaaaagtc	300

<210> 1690

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1690

acatacagtt	tattattcac	acactggggg	agggtgatga	ataatgatta	tttaatgagc	60
cctcttctta	gttttcccta	agtctgcaga	agacaaagat	cctgtttcca	ggccatgaaa	120
ggactgaagt	aaatattgta	aataagtaca	gctgaccctt	gaacaacatg	gagggttaggg	180
gttcagttga	aaatctgcat	gtaagtggac	ctgtgcagtc	caaacctgtg	tttaactgct	240
gaattaaagg	tgcttccttc	tgctcattga	tattacccat	atttacaac	atgctagaga	300

<210> 1691

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1691

caaatattaa	atattcaatg	aatgatagct	gcctctactt	ctccttttgt	tgtttttatt	60
ttccatttat	gtagtcattt	atattttta	atgtcttcga	aagtattgac	tttaacaagt	120
actttgtgat	gcatttatta	tttcatttgt	tattatttat	gtatttgatt	tatttctttg	180
tgaggtagga	tagaatctca	gtcagatatt	tgctgttagg	ataccacaga	ctggataact	240

acaaagaagg gaagtctggt taactcgcaa ttctagaggc tggcgcatct aagagcatga 300

<210> 1692

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1692

ctgtgttctc	tcaatgacag	agaaatcact	gtggtgctat	gttggtggaa	cttgctagga	60
actcccctct	atggtgctca	ggaaagctgt	tcgttgagag	atatctctct	acagtaactc	120
tactatgaaa	ccaccaagg	tgagggttaag	gatgctgctg	cttagaaaga	gatgcagaca	180
aatgtactaa	tgaaggctca	acacagctct	ttcaaggcaa	gacagggtcaa	gaggacaaaa	240
agtaaaagta	tgaaaggctt	taagaaatca	ggtagatcgt	aggtgtatgt	gtgtgtgtgt	300

<210> 1693

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1693

gagaggtaat	gcttcatttt	gcatagttgg	gaatcaagat	aatctgtttt	taataataca	60
agaaacaaaa	gcataactat	attattttata	ttacaaaagc	aatcttttaga	aaaactaaaa	120
ggggtatata	agtattgaga	ggagaggaaa	aggaatgata	tggtatcatg	aggtaatttt	180
tgatcaatta	tagtaggaaa	tagacaatat	ctaaaatgga	taaagggaaa	atggcaatat	240
tatcttttta	ttttatatta	ttttaatttt	ttaagacaag	tgctcgctct	gtcgcccatg	300

<210> 1694

<211> 283

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(283)

<223> n = A,T,C or G

<400> 1694

aagtgactca	ggttacttcc	agatggtgag	gactttctga	agctgtcgcc	cttacaggcc	60
atgacttttc	tctagcactg	tccagattgc	aggtgtcttt	cctgatgcga	tatggggcta	120
tcccttacct	caattcttat	ttcacggaga	aaagaaaagc	aatttttttt	tttttttnaa	180
acanagtctn	atthttgtcnc	cnggntaaag	gncagggnca	nnatntnggt	taanngnanc	240
ntnngcnttn	ggggttaang	cnattttcnn	gentaancct	ccc		283

<210> 1695

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1695

ggccactccg	cctcttccct	cccttcgtcc	cttcttcttc	tccctttttt	ccttcttctc	60
tcccctcttc	gccgccaccg	cccaggaccg	ccggccgggg	gacgagctcg	gagcagcagc	120
caggtagaac	tttagacttc	atagcactga	attaacctgc	actgaaagct	gtttacctgc	180
attgttcac	ttttgttgaa	agtgaccatg	tctcaagttc	aagtgcgaagt	tcagaaccga	240
tctgctgctc	tctcaggggag	ccaaatactg	aacaagaacc	agtctcttct	ctcacagcct	300

<210> 1696

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1696

caattacaaa	aatggcagca	ggagattaat	tatgagatct	acactgaaat	gacttaacct	60
aaaattaatg	tggtggcagt	ttgcaatatg	ttaaattttg	gcattatctc	tcttttggca	120
atataaaaat	cttttttttaa	aaaacatgac	atgtgaattg	aacatgtgca	gaaccctga	180
agtatgtctg	agaaacccta	ggttctgtgg	catatgagat	gaaaaccact	gacaaagaga	240
accagatatt	acatatgttc	actgcatttt	cacatcaaga	aggcttgga	aaagggctag	300

<210> 1697

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1697

cagttttgct	gtacctcttg	aaagttaaag	agacatctca	gcacttttagg	aggccgagggc	60
gggtggatca	cttgaggaat	aaccaggcca	tacggaggtta	ggagctgaag	ggacacgatg	120
agaagtgacc	agaaggtaag	agtgtgagcc	ctctgtcacg	cccagataag	cgcaactaga	180
ggactccttg	gtctagtggg	aacgccagtg	cctgggaagg	cacctgttac	taaagcggga	240
aagggaatct	ccttttcct	ggaggaatta	gagaacactc	tgctccacca	cttcttgtgg	300

<210> 1698

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1698

gcttcttgtg	ttggaggaaa	cttcagatac	ttcatttact	ccagagtgcc	cagagattcc	60
ccagtcggaa	aggatagact	gcacacctga	ccaggagggtg	accgaggata	tctgcagatg	120
gcaatataag	tgctgctggg	cgctgtggc	agatgccaat	gtccctaggt	gcttcttccc	180
ctggaactgg	ggctatgaag	ccagcaatgg	ccatacaaat	acaagcacag	gattttactgc	240
ccagttgaaa	aggttgccat	caccatctct	gtttggaaat	gatgtcgcca	ccaccctttt	300

<210> 1699

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1699

gccatacttc	ctgccttcca	ggaacaggga	caccagtgtg	actggagcac	agtgagcagt	60
gggtcgagac	cggacaccgt	cgccagggtcc	tgtggggcct	tggttgctatt	gcaagggctt	120
cggtttggac	tgagagtggg	cagagaagcc	tggttagagag	tttcaaataa	agatgggaca	180
tgatctggct	gatgttcttg	gaggacatgc	tgctgctgtg	tctcatgaga	atagactgaa	240
gcggggaaga	gtggaagtag	gaaaaccagt	tgggaggctg	ttgtaaccta	ggtgagtggg	300

<210> 1700

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1700

gatggacagt	ggcactcggg	ggcagtcacc	ataaaacaga	gactgctttg	gtgtgaccga	60
cggtgaggtc	ccacctgccc	cactgtccat	agaggccgtg	acctttcctg	cctccaggta	120
aacacataag	tgcttcccgg	gctgacttcc	gatgtgtatt	aggatcccag	tgagacttct	180
tgggcggatg	ctgaaaacaa	gcttaaattc	tggccccaac	aatacacagt	gagccaagac	240
gacatgacct	ccttcttcag	agaaataaat	gcctttctcc	aaagcctcta	gaactatagt	300

<210> 1701

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1701

ggcattcaca	ttttaatatt	ccttggatga	acatggcatc	atatgattag	aaaacaaaaa	60
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ttcatttttg	atggctgttg	tggtcagatc	gtgtcctcta	aaattttatg	tgctggaaac	120
ttaattttcta	gtgtcaacag	tgccgagagg	taggggcttt	gggaaagttt	aatggattaa	180
tgccacata	taagggttg	ttggaggga	tttgggtct	ttgttgcccc	ttccatcctt	240
tctaccatgt	gaggacgcca	cactcctccc	ctttggaaga	tcagagcaaac	aaggtgcat	300

<210> 1702

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1702

ctcgacttaa	ggcaaagcag	gagaagcgct	cagagaagga	cacgctcaag	accagcaacc	60
ctctagtctt	agaagaggca	tcagccagcc	aggcaggcag	cagaaaggag	agtcgggttg	120
aatcatcttg	caagaacaaa	tcctatgatg	tgcaattga	gaactttgat	gtgtcttttg	180
gcgatagagt	actgctggct	ggagcggatg	tgaacctggc	atggggccgc	cgttacgggc	240
tggtggggcg	gaatgggttg	gggaagacaa	cgttactgaa	gatgctggcc	acccggagtc	300

<210> 1703

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1703

ggaaaattcc	agtttatacc	tggtgtacct	gtgtaattat	tggtagcact	ccctttcact	60
cttacaatgt	cttggtttgg	atgatatatg	gtgaagtttt	tggtgaaact	aaattatgaa	120
gtctgatata	tttgataaaa	aataaagaat	tgcttttctt	ctccttttgc	tgattttttg	180
acacatcatt	ctaagcaaaa	tcatctcagc	ttcgtatatt	tcagcctgaa	gtacttctta	240
ccaaagttgt	ttcatgtaac	atgtgttcaa	tatgttcgtg	acatgtctct	cagtaatgaa	300

<210> 1704

<211> 287

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (287)

<223> n = A,T,C or G

<400> 1704

tgtacataac	tatttaaatgc	agcggcagcg	gcgacagcct	tccttgagag	gacttaaaag	60
cagaaggaaa	ccgagatgct	tcccgagacc	gtggacgatt	ctccaggact	ctttttttac	120
cttgagcact	tgctcgtga	gacttcatag	aacagtgggt	tactgtcccc	cccttctcac	180
ctcctcattc	tctctggctc	tttctgtctt	cctcttctca	ccctcctccc	tccccttagc	240
catcacttct	gggaagtann	nnnctgacct	aaaggtttta	gattcnc		287

<210> 1705

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1705

gggatcaagt	ccatcaggtc	ccaggaaagg	cgtgaatggg	agtctgaagg	ggagaaatgg	60
aactgcaaat	aattatttgg	aattatttat	ttatttat	atttatttat	ttattttttg	120
agactccatc	tcaaataaat	aaattaaaaa	aaactgctcc	aaacaaaaag	atataactta	180
ctttagtga	taattctaaa	cggtgttttt	gctataaagg	gcatcattgg	gataaatggt	240
gaaacttgaa	tgggatctga	gaattacatt	taacttttct	gtaactttgt	gcttatttca	300

<210> 1706

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1706

gtcagagg	tc	aacaatgagt	atgtggcaat	aacaggattc	aaacccagat	ctgttagctt	60
ccaaagtcc	t	tggtcttaca	tgctacccac	tagttccttg	gagggggctc	cggaccatgg	120
aggtcacaca	c	ccagtgtccc	gagtgtggtc	ctcacagcac	ctgcatcaac	atgagggttg	180
gatttgatta	a	aaagtggatt	tctggggcca	cccacattct	gaatctaaag	ttctgggtgt	240
ggtttttagga	a	acctgtgctt	ttaacaagta	cccttagtga	tttatatact	tactaaacac	300

<210> 1707

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1707

gagcagtaag	gt	caatttct	agtctgctct	tgtttccgac	ttgtgaaaat	aagctgttaa	60
tttacattgt	cc	aggtgagg	gagaccacct	ggggagacag	ctgttttagaa	acaaaaggaa	120
agatgggttt	tg	tttggtgtg	gctcagtttc	aaagcttaat	tttccctttt	tttgtagtga	180
gtttgtgata	cca	agattttt	attttccctt	tacaatcaca	tggaatggca	cccattttatt	240
tagaattgtt	tct	ctactgt	ctcctcacct	gctggagact	gtgagcagct	ttatggctct	300

<210> 1708

<211> 296

<212> DNA

<213> Homo sapiens

<400> 1708

attacaacaa	tat	ggatagt	agggaggagg	aaaacaagag	gagaatggga	tcaacagaag	60
gcatatatgg	gg	agtgtctg	gatggctgga	aaattccatt	ttttgaccaa	gatgtggtaa	120
acacggggag	t	aaagttata	attttttctc	ttactgtgct	tttaggtttt	gttgctttct	180
gtctgtatgc	tgt	gtttccac	aataataaaa	atatttataa	ggcaaaaaaa	agtaaaataa	240
tgaatataaa	att	acactga	aactacatat	tctcatagat	agaattgtaa	ttatta	296

<210> 1709

<211> 226

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(226)

<223> n = A,T,C or G

<400> 1709

gaaacactga	aat	gtatact	tttaagtggg	tagattttat	ggattgtgaa	atacagcaca	60
aagctgagaa	aa	aggaaca	gaaaattatc	aaagtcaaac	cctacacaaa	gttattagaa	120
gagaaaaaca	ct	acagaaag	acacgtctca	aaaaacagaa	caaacttgaa	acatggtaag	180
accctctccc	a	caaaaaana	naaaaaaaaa	angntttaaa	aaacnt		226

<210> 1710

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1710

agcctctgat	cat	caagaca	tggcagaata	caaagacaag	tcacaggcta	gctgaagata	60
tttgcaatac	ata	aatccag	caaagactta	tatccagagt	atataaagaa	gttctgtaaa	120
tcagtgaagaa	aaa	agacaaa	ccccccaatt	aagaatagtc	aaaagatttg	aacaggcact	180
tgacaaaagg	gg	ggtattga	aatggccaat	aaacacataa	tcattactta	tcacagaaaa	240
gcaaattaaa	a	acagaaaga	gataccacaa	cctcctcccc	agaatgtcta	tatggaaaca	300

<210> 1711
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1711
 gaaacagttg gctattcatc atcttcggca cttatgacaa cattaacaca gaatgccagt 60
 tcatcagcag ccgactcacg gagtggcga aagagcaaaa acaacaacaa gtcttcaage 120
 cagcagtcac catcttcctc ctccctctct tcttatcat cgtgttcttc atcatcaact 180
 gttgtacaag aaatctctca acaacaact gtagtgccag aatctgattc aaatagtcag 240
 gttgattgga cttacgaccc aaatgaacct cgatactgca tttgtaatca ggtatcttat 300

<210> 1712
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1712
 ctaaaagaaa atttatattc taatttttat ttgttgccca tgtttcataa tttttaatct 60
 aaggtctttt tagaaatgtt tgtagtcca aatgagtgtc cacaatatgg taacacatg 120
 ggagatttct ttttttttaa attttatttc catacgttat tggggatcag gtggtgtttg 180
 gttacatgag taagttcttt agtggtgatt tgtgagattt tgggtgcaccc atcacctgaa 240
 cagtatatac tgcactccag cctgggcaac agagcagact ccatctcaa acaaacacac 300

<210> 1713
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1713
 caccgcagg ccagctgtca ggaaacaggg gctctaggcc cagcttcacc acttaggagc 60
 tatggctttg ttcagaaaca ttgtgactct cttaccaca cattcctctg ctggaagggg 120
 agattgacaa accagcatca tctctaattt actacaaaag ccctcactgg aaattattct 180
 taacttagca gctggttaga tccattaaaa aaaaaagtaa gttagactgt gttactctgc 240
 tgctcaaagc cctgcagtgc ctctcattt tacctagcgt aaaacctaaa gtcctttcca 300

<210> 1714
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1714
 cccttctgag cctgtccatt catcggtggt tctgccccta ctccccagc cctaaatacc 60
 ccagctgctg ttcctcccca tcaccagcc accggattct ccattcacc ctttctctca 120
 cccctggagc cccgtgggtg ggggcagggc atgagttccc cagtcccaa ggaaaggcag 180
 cccctcagt ctccctctc ctcatcctt tccatctccc tccctctgc cttttaaac 240
 catccctcc gattccctc ctccctctc tctccctggt gtcaactcga ttctgctggt 300

<210> 1715
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1715
 atgaccttct gctgttcta tctctgagga cagttgtgat tggatttagg gcccatccag 60
 ttagtccagg atgatctcat ctcaagatcc taaatctgat tacaattgca aagatccttt 120
 ttccaaataa ggtcacatgc acgtaagtc cggggattat gcttgctgg gacacatctt 180
 ttttgaggcc accattcaac ccactacaaa atccaactga agcccagcga agtggctcat 240
 gcctgaaatc cccgactgt gcgaggccaa ggcaggaggg tcacctgagg ccaggagttc 300

<210> 1716

<211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1716
 ggagatttca acttaacttg accactgcac tccagcctgg gtgacagagc agagcaagac 60
 tgtgtctcaa ataaataagt aagtaagtaa gtaaatatcc tgtaggtatc tatgtgactc 120
 aaggctagtc actttcctat ctatgctcca gttttctcat atttgagaca agagacttga 180
 ttttagcata aagggtgagag ttgaagtaat gagtgtgaaa gaggaaggagg agaaaacata 240
 cagagaagag cagaaaacac aagcagctgg taggcagaga atgcagaaat tcaagttaga 300

<210> 1717
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1717
 cagagttttg agcagagaag tgacactatc agacttaagc attaaaagaa ttgtccaatg 60
 aatggctgtg ctgaaaatat atttgaggtg aagtaagcta gaggcagggg tattgaaatc 120
 aggctaagag atgtttgtgg tttgaattaa gtggtagcag gaggtgttaa gaattagtca 180
 cattgtgtat gtattttgaa ggtacaacca acaggatttc caggcaagat agagtgtgat 240
 gtgaaaaaga aagaaaggag tcagtagtga ctcaggagtt tgtctgagca tccgaagtgt 300

<210> 1718
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1718
 ctgagacctc gtctctataa aaacaaaaca acaaaacata aacaacaaca acaataact 60
 atgtgataag cattgggtta ggcactagaa aatagtgtc aaacaacaac aacaacaaca 120
 aaacatgatt cttgtctcaa agaatgcaca atgttgggga aagacaacta aaaagtaata 180
 aaacataaag tttgaaggat attatgatag aggaattata ggatacgttc aatcatttga 240
 aatttttgaa tgtcatcctt ttgggtggag caccgagagg gtttgtgaaa aagcttcccc 300

<210> 1719
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1719
 gagtggatat gttcgtggag aactgtgga aagtctggac cgagctcttg gatgttcttg 60
 gacttgacgt ctccaacctg tcccagtatt tcagcccagc ctcggtgtcc agcagcccgg 120
 cccgcgcgt cctgctggtc ggcgtcgtcc tcttggccta ctggttcttg tccctgaccc 180
 tgggcttcac tttcagcgtc ctgcacgtgg tggtcggccg cttcttcttg atcgtgcggg 240
 tcgtcctgtt ttccatgtcc tgcgtgtaca tctgcacaa gtacgagggc gagccggaga 300

<210> 1720
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1720
 gccagcggg tcgctgcgag tggccttgaa ggcagctgct gcaggtgaag agtaggcggc 60
 ggggcagaga gcggcctccg agggtcacct gaatggttga gcatggaccc tgttgctacc 120
 cacagctgcc atctgtcca gcaactgcat gagcagcgaa tccaaggcct gctttgtgac 180
 tgtatgttgg tggtaaaagg agtctgcttt aaagcgcata agaattgcct ggcagcattc 240
 agccagtatt ttaggtgggt attttagact tcattctcct agctgtgaat taagggtaaa 300

<210> 1721
 <211> 300

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<212> DNA
<213> Homo sapiens

<400> 1721
gcacaagcca ctgtgcccgg ccaatactgc aaaatatttt aaaaagttaa aattatctct    60
tctggctggt catagtggct cacactttta atcccagcac actgggaagc tcagtcagaa    120
ggattccttg aggccaggag ttcaagatca gtctgggcaa cacagacccc atatctccaa    180
aaaaataaaa ataaataaat aaaacagtta tcaggctggg agtggtggct catgcctgta    240
atcccaccac tttgggaggc tgaggcaggc agatcatgag gtcaagagat caagaccagc    300

<210> 1722
<211> 276
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(276)
<223> n = A,T,C or G

<400> 1722
ggaactccag gcttgccact acccaacccc agcctggctc tgaaaatggt aattgactgt    60
caggacggct tgggtgggagc ggggcgaggt tgcagtgagt gagccaagat cacaccactg    120
cactccagcc tgggtgacagt tcgagattct gtctaaaaaa aaaaaaaaaa anntnggncc    180
tttaaanctn tagggngncn nnttacgtaa atccanacnt gataanannc nttgatnagt    240
ttggacaanc cacaantaag aangcntnga aaaaaa    276

<210> 1723
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1723
acagagcgag actccagttc aaaaaataaa ataaaaatta aaaaataaaa taaaataaaa    60
aatttactag gcatccagca ttcattaagg agaataattc agttaaggag gaaaagaatt    120
ctgggattct gggaatttcc ttaaccaata aagagtatgt gtgagaaacc tactgctaac    180
atcatactta atggtaaaag tccaaagatc agcaaaaaga ggatacctgg tctaaacact    240
tccactaagc attatactgg aagttctagc tagtgcaata aatgaaagag tacaaagtat    300

<210> 1724
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1724
ggaagggagg tttaaggaag agactgtgga cagaggtggt agggaagggt tcagagaagg    60
ttaaggagcc aacatggatc atgggggtgg tacagtgttg ccagggctgg ggaggattgg    120
ctgcagtgtg gggtagccag ccgctgccat gtggagaggg acctgtcact cctgctgtga    180
actctccctt cttctgcctt ctgacctcct gctggtgcct cccattggct aaacacagtt    240
gatggccagt gcactgggga gctgttcttg gagccacag gcactctgctt cttggcacag    300

<210> 1725
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1725
ggtgattggg ctggttctgt accgggtgta ctccgtgggg ggccgtgatc tggcaaagcc    60
ttggaggtgg gactgtggag gcaccattga ttgaactgtg tcccctgcag ttcacatggt    120
gaggccaaa cccccagtgt ggctgcattt ggagtagggc agtaattatg gttaaattag    180
gtcgtatggg cgggtgctga tccactagga ttaggatcct tataagaacc tgccaccttc    240

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tctctgccac gtgaggacat gggtagaagg cggtgtctc ccaccagga ggagccctta 300

<210> 1726
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1726
 caaagctgtt ttataaatta gggagaagag tgaggagaga ggaataggat agacgaaggt 60
 agagagaggg agcagtggag aagaaaacct cagagtgagg caaaggaaga ggtgtgaagg 120
 ggaaaaaag tggcgatggc agggaagagc ccctggccat gagagagact ggggggagtg 180
 ggaaggaagg gaagtatatg ggcagggggc acagagcaga gaacaagaga gtaaggctag 240
 agagatgaaa gaaacagtga gactgagcta agaagagcga tctcacgctt aagagacaga 300

<210> 1727
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

<400> 1727
 cccctctcca cattgacctc tagagtggcc tgtccaactc ctaagtccaa ccttcccaca 60
 ccggacagaa agctttttac tggccccgtt gctcccgggt gaggcctaaa cacttgatga 120
 tgatgaagat gaagatgtga tgatggtagc catcacacag ctctcccatg taaccctcac 180
 gacaacctcg caaggcaaat agcatcacca tccttatttg gcaaataaaa agctgatggc 240
 tcagagaagg taaatgactt gcccaangng actgagccag tattgccaca nacaggctcc 300

<210> 1728
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1728
 ctccattgtg aagatccagg catttttccg agccaggaaa gcccaagatg actacaggat 60
 attagtgcac gcacccacc ctctctcag tgtggtacgc agatttgccc atctcttgaa 120
 tcaaagccag caagacttct ctgctgctgt gatctgcaca ccctccaacc tgggcagggg 180
 ctggggggat gcagtgtgtg ttagtgccca tgtggcattg tggcactgtt gccccccatg 240
 gcggcatggg caagatgacc ttccattagc ttcaagtctt gttctcttgt ctgtggtctg 300

<210> 1729
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1729
 gatctctttt gaggtgatgg tgctggccga gctgtttctg gagatgctcc agagggattt 60
 tggctataga gtttataaga tgctactgag ccttcctgaa aaggctcgtg cccacactga 120
 acctgagaag gaggagggcg ccaaggaaga agccaccaag gaggaagaag ccatcaaaga 180
 ggaggtggtc aaggagccca aggatgaggc acagaatgag ggcccggcta cagagtcaga 240
 ggcccgcgtg aaggaggatg ggcttttgcc caaaccactc tcttctgggg gagaggaaga 300

<210> 1730
 <211> 271
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(271)
 <223> n = A,T,C or G

<400> 1730
 agacaatccc aaatatttgg agattgtctt aactgggttta gtgtagctat aaaagaatac 60
 atgaagctgg ataatttatg aagaaaagag gtttatttgg ctacacagttc tataggctat 120
 acgagatgca tcatgccacc attttcctgg agcccttcag gaagcttcca ctcatggcag 180
 aaggtgaagg gcagccagca tggtcagtga tcacgtggtg agaggggaagg caagagagan 240
 aanagggagg ggnccagctc tattnagtac c 271

<210> 1731
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1731
 cagttcacag tattaccctc agtgcaccag aattcctttc tatccatata ctaccagca 60
 cttgttactg aactctagtt tttgccatt tgatgggtgt gaaatggcat cttattgtga 120
 tttttaattt ttctcattac ttacaaagtt catcatgtct cctagccctt tgggtttcct 180
 gttcaatgac aatttcctat ttatgtattg gccacataa aaaatattgc atagtctatt 240
 ttaaaatgat ttataggggc tctttacata ttctgggtac taattattcc ttatgtgtga 300

<210> 1732
 <211> 295
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(295)
 <223> n = A,T,C or G

<400> 1732
 ctggacgcct ntaatgcan aanngncccc ngtttaacag accngcaaat ccgggngcgg 60
 aacangaccc nngggtttcc tnttgntccc tngttngggg gcgggtgntg gggctgtncg 120
 gccaanngang ganttgnttt ttttangntt taaananga ttttaaaant cannnnnnng 180
 tttttttttt tttttttttt tttttaattc tgaaacagac ctgtttttgta ccgagttatt 240
 tttgggataa attttactgg ttgctgttgt ggagaagggtg gcgtttccac ctttt 295

<210> 1733
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1733
 atgggggtata gatgggttttc cccctgtgta ctctagtaaa tttctatgcc atttctccta 60
 tcgatctgcc ttttgtcagt tgatttttca gcttaacttc agagagcaaa ggggaagggtg 120
 gccaaagtga gtgtctcatg cctgtaatcc cagcactgtg ggaagctgag gcaggcagat 180
 cacttgaagt caggagttca agaccagcct ggccaacatg gtgaaaccct atctttacta 240
 taaagaaaaa taagtcgagt gtggtggtgc acacttgtaa tcccagctac tcaggaggct 300

<210> 1734
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1734
 ggggggttccc aatagtagaa aggggtcccca ttctgtctca gcaccgcacc tctctacccc 60
 cccacagaca cacatgcaga cacacacatg cagacaacac gcagacacac acatgcaggc 120
 actcacatgc aggcccatgc acacacacgt gcacacacat gcagagacat gcagacacgc 180

aggcacacat	gcacacatgc	aaagacacgc	atgcaggcac	acgcagacgc	acacagagac	240
acacatgcag	atacacatgc	acacacacat	acacacactg	gccccctgtt	ttctgtggtg	300

<210> 1735

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1735

gcttgatcgt	ctgggcctgt	gtttcagctg	ggataggatt	ctcaatcctt	cttgttcaaa	60
tccgaagtcc	agaaagctct	gaaaactgaa	agttttttca	taattttatt	cactgtaaaa	120
cctgaattga	actgatattt	atctcactaa	aatgattat	tcatatattt	tactgtaaga	180
atagtaaaat	taccaagtaa	tatcccagac	ctagtttagat	aatgcacta	ttttctttta	240
atttcaaaaac	aatcttaatt	ctgaggcaca	tttggctgac	agcatttcag	ataagggatt	300

<210> 1736

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1736

tcctatttta	cgtgggttgt	gagaggatcc	gatggaatga	ctagctgaaa	gtgtttgtaa	60
aagtcaggat	aagtaaagca	atgctgcagg	aacaaacaat	cccaaattt	cagcagctta	120
ctacaaaaaa	atatgtattt	ctcactcatg	ttcatgtcca	atgtgtgtta	gcaaggagat	180
actgtctctc	acagtcatgc	aagaccctt	gctggggaag	ctgcacctcc	atatatgctt	240
ctaccatcac	cagggcagag	gagagggagc	atggtggatc	atacactggc	tcttaagact	300

<210> 1737

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1737

atttcctgag	gtctccccag	ccaggctgaa	ctgtgagtca	attaaacctc	tttcccctaat	60
aaattaccga	gtctcgggca	tgtcttttatt	agcagtgtga	gaatggacta	atacaagtac	120
cattaataaaa	tttcacaacg	tagattaaat	gtgcaaattc	cttgaaagac	acaaattaaa	180
aaatgacctg	agaagaaaag	aaacttgaa	agatctgtat	ctattaaaga	agttgaaatt	240
ataattagaa	accttttgaa	cattagaact	ccaggcccct	tggtgtgaat	tctatcgaac	300

<210> 1738

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1738

gcctgtagtc	ccagctatct	gggaggctga	ggtgggagga	tcatctgagc	ccagtagatt	60
gaggttgcaa	tgaatcatga	ttgtaccact	atactccaac	ctggacaaca	gagcgagacc	120
ctgtcgcaaa	caaacaaaca	aataaataac	ctgggcaaca	gagcgagatc	ctgtctcaaa	180
taaataaaca	aacaaaagta	gcagattagc	tgggcgtggt	gttgcatacc	tatagtccca	240
gctgcttggg	aggctgaggc	agaggatcac	ttaaacccaa	gaggatacag	tgagccatgt	300

<210> 1739

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1739

gtttaagtct	tgtagctgta	tagcattcca	ttgtataact	tataatttat	ttatgggttg	60
tactattgat	gaacatttga	gtagtcttca	gtttggaact	accacatatg	gtgctgttat	120
gaatactttt	gcacagggtat	gtgaacacat	gtacacattg	cagttggtat	atatacagta	180
ctgaattact	ggcttataaa	tatcattaaa	ttttaaaaac	aaaattaatt	gccacaagca	240

tattattgta tctttgaatt ttaaaccaaa ttaaaaaattc tatgagttgt tgaatattat 300

<210> 1740

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1740

taaatggtga	aattaactag	acaaagtagt	tgaagtcctg	atgaaaagat	tggtcagttc	60
ttctttctcct	gtagctcaga	acctgtttgg	atcatatcatt	taaatgtaga	aatataaagc	120
ttttagaaga	aaacataggt	gaaaacctac	aagacaaaac	ttggtgaaga	gtttctccat	180
gtgatgcaaa	aacatgatcc	atagaagaaa	gaaatctgta	aattggactt	tatcataatt	240
aaaaacattt	gctttgcaaa	atgccctgtt	aagatgatga	aaaaacaaac	tacatactgg	300

<210> 1741

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1741

caaataggag	atgggttttt	tttcgggggg	gaggggaagga	acagctttgc	attaacaact	60
actgagaatt	atacatthaa	agattatctt	caatgtccaa	taacccttat	attcaatact	120
gaattttatt	ccacttctcg	ccttcatttt	tatttgttac	gtattctcaa	agttctctcc	180
tagtagaaga	atgaaccaga	aatgaacata	agcatgtcgg	aattcacgta	tgtggcagac	240
tgtattttcc	aaagatggcc	acaacaatat	ttctcattcc	acatggtctg	ctggaacctt	300

<210> 1742

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(300)

<223> n = A,T,C or G

<400> 1742

aattcacgag	gtggaaatag	gaaaagctag	atgtgagcag	ccgacttcac	ctcgatcctt	60
gactctcact	attcacacca	gttatgtggg	gagccgtagc	tcttccaata	tggtatttgt	120
ggaagtgaag	atgctatctg	ggttcagtcc	catggagggc	accaatcagt	tacttctcca	180
gcaaccctcg	gtgaagaagg	ttgaatttgg	aactgacaca	cttaacattt	acttgatga	240
gctcattaag	aacactcaga	cttacacctt	caccatcagc	canagtgtgc	tggtcaccaa	300

<210> 1743

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1743

gaagagctga	agagaggagg	tggcaggact	aactaaaagt	gggacagtca	cttggttatag	60
tgaaggtaga	atggacagaa	ttgggcaact	aattaagagg	gagaaccctc	taggagaaca	120
ggagaacgca	tccaaacctg	gaaaaccagg	aagagaagat	ccttggtgag	aagcagtcaa	180
tgagtttgct	ttgggatatg	ttgagttccc	aaactcatca	tgaggtgagg	cttccaggta	240
gcaaatgaat	cacttgagac	caggagtgtg	ggagcagcct	ggacaacata	gcaagacccc	300

<210> 1744

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1744

caaaaagtta	aaatatttatt	tttctctcat	gtaacatttt	ggataatttg	atgattccct	60
aatgttggga	cccagtcttt	tctgtcttag	gtcacaaact	atccttgagc	ctgtgtcatg	120
gggatgact	ctgaagctgc	gtgcaccctg	ttcattcaca	ttttcttggc	ctgaacttag	180
tcactaggct	attcctaact	gcaagagaag	ctggaagatg	tagtcttcct	tctgaccagc	240
catgtgctca	accacaaatt	gagtttcagt	tattggaggg	cagaaagaat	agatatgggg	300

<210> 1745

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1745

aagtctcact	ctcatttgtg	ctttctccat	cccatttccc	ttcccctttt	aggcaaccat	60
tttagctgac	ttcttggtta	tcttgccagt	gtccttccat	gcaaatatgg	gcataatattc	120
tttcttcccc	cactttcttg	cataaaaggt	agtgtatcat	gtatatactg	ttctgcacct	180
tgattttttt	cacttgacat	gtcttagaaa	tctttcccta	tcagtgttta	tagaccatcc	240
tcattctgtt	gcatagcaaa	ggtgattata	ttcctgttac	ctttgggggt	atggcccatc	300

<210> 1746

<211> 183

<212> DNA

<213> Homo sapiens

<400> 1746

ctactgagcc	tggcttgcaa	ctggggtgag	ctccaccttg	aacgtcgatc	ctcctgcctg	60
gtggagccat	cccagctgat	gccacatgaa	gcagacacaa	gctgtcccta	ctaagctctg	120
ctcaagttgg	atattcatga	gtgaaataaa	tgactgttac	taagtaaaaa	aaaaaaaaaa	180
aaa						183

<210> 1747

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1747

gagaaacact	cagggcctga	accaaggaat	taactgtgat	tggagaggag	aggcagcagc	60
cacagaaggc	acaaagaagg	tggaatcacc	caaacatttg	tcagattgag	gggtgagggg	120
gcatgagaac	tccaagatta	cactcagggt	tctgtctttg	gtgcctttaa	aaattttaac	180
caaagttgag	aatttactgt	atgctgggga	ctctataaga	ggctttatct	ttattatgtc	240
tgtaaatcct	tgcaacagcc	ctgtgagagg	tatttttgcc	ctcatttgat	ggatacctga	300

<210> 1748

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1748

atatgcacat	tgtaccaatg	gcagactttt	ggctttgata	ttgttctata	attatgtaag	60
atgttaccat	tatgggaaac	tggaggaagg	gcatatggga	cttctttgta	ctgctttttc	120
tattccctgt	gagtttataa	ttattttata	ataaaagtgc	aaaaacactt	attggatgga	180
catcacagaa	cataatagaa	gaaagaatca	gtgaattata	ggtctgttta	atagaaatga	240
ctcaaaactga	cacacaaagc	aaaaagaatg	aagaaaacag	aacacagtgt	ctgagacttt	300

<210> 1749

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1749

cctgcctccc	attctatgca	aagtcacccc	tccgggcact	gagataaatg	cttatctaatt	60
tgccctcttt	ggagaggctc	atcagaaact	caaaataatg	caaccatttg	actctcacct	120

acctgtgacc	tggaagatcc	ctctctgctt	gagttgtcct	gcttttctgg	atggaaccaa	180
tgttcattctt	acatatattg	attgatgtct	catgtctccc	taaaatgtat	aaaaccaagc	240
tgtgcctga	ccacctggg	cacatgtcgt	caggacctcc	tgaggctgtg	ccacagcat	300

<210> 1750

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1750

ggaatacttc	ccaactcatt	ttatgaggcc	agcataactc	gtatcaaac	ctgacaaagt	60
cattacaaga	aaagaaaatt	acagaacaat	attgttagtg	aataaagaag	caaaaatcct	120
caacaaaaca	ttaacaagt	aagtaaaca	tatataaaag	gataatactg	catgaccaag	180
tgggtgtggt	taataatttc	aggaactcaa	catcagttta	acatttaaaa	aatcaacat	240
aatattatta	ataaaaataa	ggagaacaat	aatatgatca	tctcagtgtg	taaaaataaa	300

<210> 1751

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1751

ctagcaactg	ttccagatga	gcaggattgt	gttactcaag	aagtgccaga	ctcccgccag	60
gcagaaactg	aagctgaagt	gaaaaagaag	agaacaaga	agaagaacaa	aaagggtgaat	120
ggtctgctc	ctgaaatagc	tgctgttcct	gagctggcaa	aatactgggc	ccagaggtac	180
aggctcttct	cccgttttga	tgatgggatt	aagttggaca	gagagggctg	gttttcagtt	240
acacccgaga	agattgctga	acacattgct	ggccgtgtta	gtcagtcctt	caagtgtgac	300

<210> 1752

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1752

gttaaaagaa	taaaaaagaa	taattgaagc	cttcgagaca	tatgggatac	tataaagcca	60
ccacatatatt	gaatcatttg	ggtcccagaa	gacagagaa	aaaaggattg	gaaaactcat	120
ctattttttt	gttattaaat	aatagatgaa	aacttcccaa	atctatcaaa	tgatttagat	180
atccagaac	aggaggtcc	aagatccgca	aacatataca	atgcaagaaa	gtcttctcct	240
tggcacatta	tagtcaaact	atctaaagtc	aaagacagaa	ttctgaaaaa	ggcaagagaa	300

<210> 1753

<211> 295

<212> DNA

<213> Homo sapiens

<400> 1753

gcctcaggag	gagctcaaag	aggagcagac	agccatgggt	cctccagcca	tccctcttcg	60
gcgctgcaga	tactgcctgg	tgctgcagcc	cctgagggt	cggcactgcc	gtgagtgccg	120
ccgttgcgtc	cgccgctacg	accaccactg	cccctggatg	gagaactgtg	tgggagagcg	180
caaccaccca	ctctttgtgg	tctacctggc	gctgcagctg	gtggtgcttc	tgtggggcct	240
gtacctggca	tggtcaggcc	tccggttctt	ccagccctgg	ggtctgtggt	tgtgg	295

<210> 1754

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1754

gaagagaact	atctaaatga	gtaatggtca	agaaatttta	aagcataatg	acatgaaaca	60
aacaaccggt	ccaggaagct	cagagaatac	aattcatgac	aaacaacaaa	aatacagcac	120
cagacatagc	atttcctata	tgtagaataa	aagaaaataa	aataaatcaa	taaatagaca	180

aagagaaaat	cttgacagaa	tctggaatga	aaactacatt	ccttgtagag	aaaaaagagc	240
aaggattttca	gcccaattcc	agtaagaaac	caggcaagaa	agaagagagt	tgcgggaaat	300

<210> 1755
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1755						
aataattatg	ctgaatgaaa	gaagccagac	agcaaaaatt	tcctactgag	tgattccatt	60
tatataaaaa	tctagagaat	gcccaattagc	ctttagttaa	ataaagcaga	acagtaattg	120
cctgtgacag	gggtgggaaag	atttggactg	gaagcaggga	ttaccaagag	gggtgagaaa	180
acttttgaag	gtgatgaata	tgtacattgt	cttcattgct	ttgatgggtt	tacaggtgta	240
tatgtaattc	aaaatgatca	aattatacac	tttaaataatg	ttcagtttat	tttatagaat	300

<210> 1756
 <211> 294
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(294)
 <223> n = A,T,C or G

<400> 1756						
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cagccttcaa	agagggtgagt	aagttaaact	gaggttggtta	agatgggccc	gcaaccaatc	120
tcaccggcat	ccttagaaga	aaaggagtgtg	gagacacaga	gagagaggct	agacacaggc	180
acacgtgaag	ggacggtcag	gggaagcggc	agcgagaggg	tgctgtctac	agccacagag	240
aggccctga	ngagaccaac	gctgccggna	ccatgatact	ggactgantt	accg	294

<210> 1757
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1757						
tgattctgga	acagagtgca	caccaggaga	atctaagaat	ttgggtcaaa	aagaaaatgg	60
caattacatc	atattctcta	ctatatatttc	ctgtgtattc	aaaagtatct	ttttgaaaat	120
ggaagggtag	atgacatttt	ctccgatctt	tattatgttc	ggttcacgga	gtggctacat	180
gaagttctga	aggatgttca	gccccgggtc	actccacttg	gctatgtctt	gccagccac	240
gtgactgagg	agatgctatg	ggagtgcgaag	cagcttgggg	ctcactcccc	ctccaccttg	300

<210> 1758
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1758						
ccgaccccc	aggaggccat	ccagcggctg	cgggacacgg	aagagatgtt	aagcaagaaa	60
caggagtcc	tgagaagaa	aatcgagcag	gagctgacgg	ccgccaagaa	gcacggcac	120
aaaaacaagc	gcgcggccct	ccaggcactg	aagcgtaaga	agaggtatga	gaagcagctg	180
gcgcagatcg	acggcacatt	atcaaccatc	gagttccagc	gggaggccct	ggagaatgcc	240
aacaccaaca	ccgaggtgct	caagaacatg	ggctatgccg	ccaaggccat	gaaggcggcc	300

<210> 1759
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1759
 cccatgtccc gcccgctcgt ctgcctggct gcgggggtgac acgggggcttc gccttgggaa 60
 ggggtcgagg gaagcagtta gacggctgcc gggcggcggc tgccgcgcgg cacacaatat 120
 ttatttaatt gcccaactac cactgatgaa gatataattg agtgactgct gaaattgcct 180
 ttttgTTTTT aaccagagga cagtccattt gtttcacttc tttttgcttt ctttactgct 240
 atgagcttta ctgaacggct gaaaaacttg gaaaataaaa tggacatgct gtagtcttga 300

<210> 1760

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1760
 atcagtatga actcttaaaa catgcagaag caactctagg aagtgggaat ctgagacaag 60
 ctgttatgtt gcctgaggga gaggatctca atgaatggat tgctgtgaac actgtggatt 120
 tctttaacca gatcaacatg ttatatggaa ctattacaga attctgcact gaagcaagct 180
 gtccagtcat gtctgcaggc ccgagatatg aatatcactg ggcagatggg actaatatta 240
 aaaagccaat caaatgttct gcacaaaat acattgacta tttgatgact tgggttcaag 300

<210> 1761

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1761
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 ttttattatt ctgttggtct gttccaccac cccagtggat gttaataggc caaattttgt 120
 aaacattttg aataatttgc cctgtaaaat gagttcctta gtcactgtga agctcttgag 180
 agacttccca ggttgatata atttttccag taagggttaa ctactgcat tgctgtgacc 240
 tatcaagaag aagggtgtaa cccagttaga aaacatgcaa atcataatta gtacgtgctg 300

<210> 1762

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1762
 ggaagtacaa attaagatca cagtgaagata ccattatcca cttgtcacia tggctaaaat 60
 aaacaatagt ggcaatacca agtcctgtga aggatgtgga gaaatggatc acttatacac 120
 tgctggtggg catgtaaaat ggtacaacca gtctgaaaag cagtttggca gtttcttata 180
 aaagtaacaa tgtaattata tgctgtggtc tgaatgtcct ccaaaaattt atatgttgac 240
 acccaaacc tcaagtgat ggttttagga gggtaggcc tttgggagat tagtttctga 300

<210> 1763

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1763
 gctcaaacia tctgcccacc tcgtcctccc aagatgctgg gattacagtc atgagccact 60
 gcagccagcc tacattttta aatggttgga aaatcaaaag attatttgat gacatgtgaa 120
 aatggtataa aactgtgaaa tctattgtcc ataagtaaag ttttctttga acacatccat 180
 gtcactcgt taacttattt tccatggctg ctttcatgct gcaatcttgt cctgcccctt 240
 aaagagctaa ggtctagta gagaggcagt aatggtgtga gataatggct aaatggaagc 300

<210> 1764

<211> 94

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(94)
 <223> n = A,T,C or G

<400> 1764
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 ggnnttttta ataatcgctn ncncgncccc nnac 94

<210> 1765
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1765
 agaaggcagg aatgtcaggc ctctgagccc aagccaagcc atcgcatccc ctgtgacttg 60
 catgtatacg ctcagatggc cagaagtaac tgaagaatca caaaagaagt gaaaaggccc 120
 tgccccgcct taactgatga cattccacca ttgtgatttg ttcttgcccc accttaactg 180
 agtgattaac cctgtgaatt accttctcct ggctcaaaag ctccccact gagcaccttg 240
 tgacccccgc ccctgcccac cagagaacaa ccccccttga ctaattttcc attaccttcc 300

<210> 1766
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1766
 gacatacgag aagaaattaa atgtgacttc gaatttaaag caaacaccg aattgctcat 60
 aaaccgcatt ccaaaccaaa aacttcagat atttttgaag cagatattgc aaatgatgtg 120
 aaatccaagg atttgctagc tgataaagaa ctgtgggctc gacttgaaga actagagaga 180
 caggaagaat tgctgggtga acttgatagt aagcctgata ctgtgattgc aaatggagaa 240
 gatacgacat cttctgaaga ggaaaaggaa gatcgtaaca caaatgtgaa tgcgatgcat 300

<210> 1767
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1767
 gagaactcca aatagcccaa gagggtggtg ccccccaac ttcataaggg tagaggctcc 60
 tgagattagg agaacccttt ttaggcttta ctctatgtac ctcttcattt gagtgttcat 120
 ttgctgcttt tataaccagt aaaacaaagt acgctgtttt cttgagtttt gtgagccctg 180
 tagcaaatta tcaaacctga gtagggcagt gggaactcgg aatttatcac cattcagaac 240
 tgcaggttgt cttgtgagt ggcattctgat gtgggggaag tcttgactg agccccctaa 300

<210> 1768
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1768
 ccggcggtc tggtgcccc gcggttgaga gcatggcctc tccaggggca ggtagggcgc 60
 ctccggagtt accggagcgg aactgcgggt accgcgaagt cgagtactgg gatcagcgct 120
 accaaggcgc agccgattct gcccctacg attggttcgg ggacttctcc tccttccgtg 180
 ccctcctaga gccggagctg cggcccgagg accgtatcct tgtgctagggt tgcgggaaca 240
 gtgccctgag ctacgagctg ttctctggag gcttcctaa tgtgaccagt gtggactact 300

<210> 1769
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1769
 agagaactag tctcgagttt ttgacagata atagccaccc taggaggtgt gaagtggat 60
 ctcatgttg ttttccattt ttctgatgac tgagaatgtt gagcatcttt ccctgctgt 120
 tgccatttg tgtatcttct ttagagaaat atctgcttac gtcctttgcc cagttttaat 180
 tggattgtct ttctgttgct gagttgtcgg aattggttgt acatcctcca tactgagtc 240
 tcatcagata cctgatttgc gaatatatttc ttccatacca tgagtatatct tttcactttc 300

<210> 1770
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1770
 ctagaattct gttactgtca aaaacgtttt caaaaatgaa ggcaaaataa agactgtttc 60
 tgagaaacta aatcaaagg aattttatta cctgtagacc tgtctttggg aaacattaaa 120
 ggatgtttga gggcagcagg aaaataatac aaaacttaag tttgggtctg tacaagaaa 180
 atcagctttt ctaagatcaa gccagagttg cttctcttac aaccttacgg cgtaaatgca 240
 ttaagttgaa gtcgactgcc aaagaggccc agcagagggc agcaccacca tcattttttt 300

<210> 1771
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1771
 gcatagagac catcatggca tgctccccgt gtgaaggcct ctactttttt gagtttgtga 60
 gctgcagtgc gtttgtggtg actggcgtct tgctgattat gttcagtctc aacctgcaca 120
 tgaggatccc ccagatcaac tggaaatctga cagatttggt caa'cactgga ctcagcgctt 180
 tctttttctt tattgttca atcgtactgg ctgctttaa ccatagagcc ggagcagaaa 240
 ttgctgccgt gatatttggc ttcttggcga ctgcggcata tgcagtgaac acattcctgg 300

<210> 1772
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1772
 gtttagggtc agatccatgt attttagctt tggaggtgag cccagggggt catcacacaac 60
 tttgtccct actgtctgtg atccctctgc cactttctgg ttccttgag ctccctttca 120
 tgatcctcct gtcagaatac cagggcttta atttggccac tctctgccat gcacttctca 180
 tgactgcatc tgcattccagg gccaaagcgt aggaggacag agggagccta aataaacaat 240
 aggatttgtt tcacagtctt gaagctacag cttctctggt cagagaaaag aattcaaagc 300

<210> 1773
 <211> 288
 <212> DNA
 <213> Homo sapiens

<400> 1773
 taattatagt ccctggagtt atgcagctaa ttaaaggcca aacgcagaac tttaaagacg 60
 ctttttcagg aagagattca agtattacgc ggttgccact ggctttttat tatggaatgt 120
 atgcatatgc tggctggtt tacctcaact ttgttactga agaagtagaa aacctgaaa 180
 aaaccattcc ccttgcaata tgtatatcca tggcattgt caccattggc tatgtgctga 240
 caaatgtggc ctactttacg accattaatg ctgaggagct gctgcttt 288

<210> 1774
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1774

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caacaaacta ggaatagagg aaactatctc aacataatag aagttatata ttaacaaccc      60
acagcagacg tcacattcaa tggtaaaata ccaaagctc ttcctctaag atccaggaa      120
attacaagga tgcctaactt tgccacttat attcaacata gtactggaag tcctaaacgg      180
agcaattagg caagaaaaag aaataaaagg catccaaatt ggaaaggaag aggtaaaatt      240
atctctgtag ctgatgatgt gatcttattt taaatgctgt gatcctaagg ataccaccaa      300

<210> 1775
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1775
ctcctgccct ccctggggtg gttctgtctt ttgcaaaggt ggctgcatcc ttaggggaag      60
gtgaggggag aagcagggag catggagaga agtggctttc gattttctct ctccttttgg      120
ggagtccctc cttatgtggc tggctcgggtg catagtgtga tgtattcctg tacgcaacgt      180
tgccctgaca gccagtccaa gctgagtcta gagctggcaa ggtgagctcc cagtagtaag      240
agggtgtggg cggcaagcca cccaggcacc gaggcaagag acagaggaca cgagctgttc      300

<210> 1776
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1776
cttgagagaa tagatctaga tgggtggggc acggttctgg ggaatggaag ggccaaagag      60
gaaagtgggc aatggtgggg ttgagaacgc agcttctgga ctacagcaggc ctgggttcaa      120
actctgttaa tcactcctgt taatcccagc gctttgggaa gccaaggagg gaggatcact      180
tgaggccagg agttcaagac cagcctgggc aacataatga gattccatct ctacaaaaaa      240
taaaaacaat tagccagggt tggtggtgca cacctgtagt tccagggtact tggaaggctg      300

<210> 1777
<211> 107
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(107)
<223> n = A,T,C or G

<400> 1777
actttaaac ctacctgtgt gattcagtag ggtttgagaa ttacgtgtga tactgggggg      60
nntggngnnn ttnntngnna gnnngggggn ntnntcntt ntttttg      107

<210> 1778
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1778
catttcttgt ctttattaat ttgacttctc tagggacctc atttaaataa aatcatacag      60
aatttgaact tttgtatctg gataaaaaat atatacagca ttttgctgac tgtaaaatgt      120
atthtttttg gccgggtacg gtggctcatg cctgtaatcc cagcactttg gtaggctgag      180
gcaggtggat cacctgaggt cgggagtttg agaccagcct gaccaacatg gagaaacccc      240
gtctctacta aaaataaaaa attagccagg cgtggtggca catgcctgta atcccagata      300

<210> 1779
<211> 298
<212> DNA
<213> Homo sapiens

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<220>
 <221> misc_feature
 <222> (1)...(298)
 <223> n = A,T,C or G

<400> 1779
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 agtatgaatt gatgcaaaa atgaagaaat atttaaagac agcctctcaa cagattgtat 180
 ctcaggttaa atgctaacta attatgtctg tgttgggggt tgcaaagaga ttcttaaaag 240
 tatctgtgtg ttgatcatca gttttacaaa aacacctatt tggctgaaag gaataaaa 298

<210> 1780
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1780
 gatctactgc cttagcaaat gtcatatata tgattacaag attattaact atagtcacca 60
 tgctgtacct tggaaaagaa aacctacttt tcttgcttaa gtaaaacttt tacccttttc 120
 aaggactggg ggaccttgag tatgtgcaga ttttggtaca cgcaggggggt cctagcacca 180
 atctcctgcg tgtaccaagg gatgaccgtg tgtataggaa atcacatgtt tattacccat 240
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<210> 1781
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1781
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 aaacagaaat gataacctta ctattaattg tgtgacctg gacaagttac aacatctccc 120
 tgggcgcgat tgtcccatct gaaggtcata atagcacctg ccacagagga tggtagtaag 180
 gattaaatta gttaatccat gtaaattacc taggtaagt cctgccatat agcaagtgtc 240
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<210> 1782
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1782
 gggggaaaat gacagaggaa aaagagaaaa tggagcagaa aaaaatagta gaagaaataa 60
 tagctaaaaa atttcagaat tcagtgaaca gtagaaattt acagatataa gatcatatgc 120
 tcaagaaaaca ccaataagaa taaatattta aaaatcccac gctgggttctt gcaaactttt 180
 gaaaacaaaa gttgaagagc aaatcttgaa agcaacaaga gaaaagccat acagtaataa 240
 tccagttaat ggctgacttc tcaactggaaa ccttgacagc cagaacggca tggaataaca 300

<210> 1783
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1783
 ggtggatgcc atctttggct tcagcttcaa gggcgatggt cggaaccgt tccacagcat 60
 cctgagtgtc ctgaaggac tcaactgtgc cattgccagc atcgacattc cctcaggtgc 120
 tgggatccag aagggtgggt gggagagatt ggggccctac cctcctgact cttgccaca 180
 ccaggtctaa aataatttta gtctagaggg gcagaacaca gctttctgga ccccatcag 240
 ggctggggaa cagtgttcag aagtcccctt tacatgttgg ccccatgaag agaccacggc 300

<210> 1784

<211> 299
 <212> DNA
 <213> Homo sapiens

<400> 1784
 gacctcctga gggctgtgtc atgcgccatg atcagtcata tttggctcag aataaagctc 60
 ttcaaataatt ttagagttca actcttttca ctgacaatag taatgagatt ttaaaagatt 120
 tttttaaaaa aggaactcaa tggttaaaag tcagcttaat taaaagctaa catccaagat 180
 gtgtgtgtgt gtgtgtgtat gtgtgcatgt gtgtgcatgt gtgcatgtgt gtatttaaaa 240
 gaccttcattg ttttgttttg ttttttttct ctcccaggac cttgtctttt ttttttttag 299

<210> 1785
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1785
 aataacctgag actgggtaat ttataaagaa aagagggttta atgattcaca gttcagcatg 60
 gctgggaagg tctcaggaaa cttataatca tggcagaagg tgaaggggaa gcaaggcacc 120
 ttcttcacaa ggtggcagga aggagaatga acgcaggagg aactaccaa cacttataaa 180
 accatcagat cttgtgagaa ctactatca cgagaacagc atgggggaaa tcaccccat 240
 gattcagttt cctctacctg gtctctcttt caacatgtgg ggattatggg gattataatc 300

<210> 1786
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1786
 tgaagactaa gatgaaaaag gggaagaaga tggaaaagag gataaaaatg gaaatgagaa 60
 aggagaagat gcaaaagaga aagaagatgg aaaaaaagg tgaagacgaa aaggaaatgg 120
 agaagatgga aaagagaaaag gagaagatga aaaagaggaa gaagacagaa aagaaacagg 180
 agatggaaaa gagaatgaag atggaaaaga gaagggagat aaataagagg ggaaagatgt 240
 aaaagtcaaa gaagatgaat aagagagaga agatggaaaa gaagatgaag gtggaaatga 300

<210> 1787
 <211> 175
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(175)
 <223> n = A,T,C or G

<400> 1787
 tctacttgtg tgtgtatgtg tgcacatgtg tgtatgtaca ggtgtatgta tatatctata 60
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 caactcaggt gccaaaggag cttttttttt tttttgnaaa ggnatttttn nttng 175

<210> 1788
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1788
 gataatactt gtggatcttg atgctaagga gcctgtcctt tatgcatcaa gaaacacata 60
 accaggtaca gaaactctgc agagtactca tgagtggcag gaggagctgt accacaagaa 120
 ggaagggctc aggggaagggg acatgtctta ctacttgtt agcttccacg gatgggatgt 180
 ggcagtgtc atgaaaggat cttggacaag tgctgcagca gaacagccgt cccattttgt 240
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<210> 1789
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

<400> 1789
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 caccacaggct ggagngcaga ggccgnanct cggctcacta caagctntgc ctccctgggtt 120
 nacnccattt tcctgcctca acctcccgag tagctgggac tacaggcgcc tgccactgtg 180
 cccnntaat tttttgnatt tttannanac acanggttnc accatattag ccagganggt 240
 cncgatntcc tgaccttgat nncngcccgn ctcgacctnc caaagtgctg ggattacagg 300

<210> 1790
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1790
 cgggtgctggt gcggcggggg actgcggggc cagcctcagg tagcagcagc agcagcagca 60
 gcagcagcag cagcagcagc agcagcagca atgtttcact tcttcagaaa gcctccggaa 120
 tctaaaaagc cctcagtacc agagacagaa gcagatggat tcgtcctttt agaagcatct 180
 cagaggctct ccagtgcagt gctgttaaaa gtgctgacct tgggtcagac cctttgggtt 240
 ggcttcgtgg ctccacgact tactctctac ccttggcagt ggcgtgatct cggctcactg 300

<210> 1791
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1791
 cttgaaaaatg ctgcaaatga ccctctaatt atccctgaag atcaaaacag gggtaaatga 60
 ctccctgcaa aacccaaccc atgctgctgg ctgtgggatt tttggtgtaa gcctatctat 120
 gcactctatc agccagaatt tggcatttag ctcttagtta aatctagtaa aggacagtct 180
 attgtttaa gagaagggtgc atttgttcct caatcaagca agagcacctg tggtgtactg 240
 ctttatatct catgtatatt tatagtaatg aaaagacttt ttaaattgta cacgtttcag 300

<210> 1792
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1792
 gcagcagctc ccaggatgaa ctggttgtag tggctgctgc tgctgcgggg gcgctgagag 60
 gacacgagct ctatgccttt ccggctgctc atcccgctcg gcctcctgtg tgcgctgctg 120
 cctcagcacc atggtgcgcc aggtcccgac ggctccgcgc cagatcccgcc cactacagg 180
 gagcaggtca aggccatgtt ctaccacgcc tacgacagct acctggagaa tgcccttccc 240
 ttcgatgagc tgcgacctct cacctgtgac gggcacgaca cctggggcag tttttctctg 300

<210> 1793
 <211> 296
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1)...(296)
 <223> n = A,T,C or G

<400> 1793
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 cagtgaatg tcttctcag ccacggttgt gggatcatgg tgcagcagt caagaccttc 120
 ctccagcatg gcagtgggtc acaggtgtag cagtacaatg ccttctcttg ctatggcggt 180
 gggtcacgga cgcagctgaa tcttgaacac acctgncct ctgcctccac ctgactccgc 240
 ggcggcaagg aatgaacaca gttntctttt taacccaaat ttagatcat gatctt 296

<210> 1794
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1794
 ggaatgtcag gcctctgagc ccaagccaag ccatcgcac cctgtgact tgcattgata 60
 cgctcagatg gcctgaagta actgaagaat caccaaaaga gtgaaaagg cctgccccgc 120
 cttaactgat gacattccac cattgtgatt tgttctctgc ccaccttaac tgagtgatta 180
 acctgtgaa tttcttctc ctggctcaga agctcccca ctgagcacct tgtgaccccc 240
 gccctgccc accagagaac aacccccctt gactaatttt ccattacctt cccaaatcct 300

<210> 1795
 <211> 289
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(289)
 <223> n = A,T,C or G

<400> 1795
 agttttcant tttggctggg cannatggtn agcgcctnca gtnccanntt cttggggagg 60
 taagccngt tcaaggntgc agtnaantat nanggggcn ctgcattcca gcctgggtga 120
 cagaatnaaa tcttggcnca aaaaaaaaaa gtagccaggc atgggtggcg gagcctgttg 180
 tcccagctgt tccgtaggct gaggcacgag attcacttga acctgggagg tggagggttg 240
 tgtgagctga caccacgcca ctgcactcca gcctgggtga cagtgcagc 289

<210> 1796
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1796
 ctgaattgta tctttgaaaa atgctatgtt ggaatcttaa tccccaggac ctccagaatgt 60
 gaccttactt attaaaaaca gggctcttac agagggtgtg cagttacagt aaggctatta 120
 ggggtggccc taatccagca tgactgatgt ccttaaaagg gggacttttg agagaaaaac 180
 atgctcaagg aagaggatgt gaaggctacg tgaagagact ggagtgatgt gtctgctagc 240
 taaagaacac caaaaatcgt cagccaccac ctgaagctgg aagaggaaag gaaagatctt 300

<210> 1797
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1797
 cacagatcca ggaaaaatca aacgtattag aggaatggcg tactctgtac gtgtgtcacc 60
 tcagatggcg aaccggattg tggattctgc aaggagcatc ctcaacaagt tcataacctga 120
 tatctatatt tacacagatc acatgaaagg agtcaactct gggaagtctc cgggcttttg 180
 gttgtcactg gttgctgaga ccaccagtgg caccttctc agtgctgaac tggcctccaa 240

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ccccagggc cagggagcag cagtacttcc agaggacctt ggcaggaact gtgcccggct      300

<210> 1798
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1798
gtgacaccct tgccctaaag caggagtccc ccctacctgg ggtccatgga ctccctgaaa      60
ttgtatgcaa aatgttgttt gtacatgtgt gtctgtatgt ctctgtgggg aggttttatg      120
gcttttgtca gattttcaag gccttaacaa agttaagga ccaactgccct gaggttactg      180
cactgaggcc aagttaggat ggcatactc tgtggcagct ctccctggac ttgccctgcc      240
tggaacaggg tgatttgctg gaatggagtt accactgaga tgccaaaggt tgctgggtct      300

<210> 1799
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1799
ccgaagtga cttagagagt gactcccagg acgaaagtga ggaggaggag gagggagacg      60
tagaaaagga aaagaaggcg caggaagcag aagcgcagag cgaggacgac gacgaggata      120
cagaagagga acagggggaa gaaaaggaaa agggagcgca ggagaaaagg agggggaaga      180
gagtccgttt tgcagaagat gaagaaaaga gtgaaaattc ctccggaggac ggtgacataa      240
cggataagag tctttgtgga agtggtgaaa agtacatccc acctcatgtg aggcaagctg      300

<210> 1800
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1800
atctgttctt gcatgtaatc tactttttcc atgagagccc ttaacatatt aatcatagtt      60
attctcagtt ccaaaatctg tgacacctag ctgagtctgg tctgatgctt gctttgtttt      120
ttctcttgcc ttaaaacata gtatgccatg tgatttttgt gtagaaatag gtgcattatt      180
tatcaggtaa gaggaactga gataagtaag cagaggtttt gtgttaatct ggctaggagt      240
tggaactgctg ttaaatttgt tgctataggt gttggaggct ataggtgttg ctataggtgt      300

<210> 1801
<211> 284
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (284)
<223> n = A,T,C or G

<400> 1801
gttttgcccc tttttagcct cccagagctt cgaggactca attcgaaccc gaaatcctgc      60
cgtgggggag ggggtggcag gagacctgtg cccggggagg ttgntangcn nnaatctnng      120
acttnntncn gncntnecat gtanacagtg aaatgactgn anacntggtg acccgnggat      180
accggnctnc cnaggncatn atgaatngna tgcntacnn gcanacggng gacatnnggt      240
ctgtgggntg tatnatggcg nanatganca caggnaaanac gctg                      284

<210> 1802
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1802

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aatacacaaat	ttacatgtca	gaggatggta	gaggaattgt	cacttatgct	tcaatctgac	60
ttagtgaagc	agtggggccg	agaaagcaat	catatacgca	tttgtctcac	atgagcagag	120
gaacagaggg	atgacttta	gttctgtctg	ttttttgtcc	acaaggaatt	ttcttgtggg	180
caaattgtga	ggctctttga	gctatcttat	tttaggaata	aaatgggagg	caggtttgct	240
tgatgtagtt	cccagcttga	cctccctttt	ccttagtgat	ttttgggtcc	caagatttat	300

<210> 1803

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1803

ctgacaagtc	tgaatacat	attggagcct	ggtagactga	aaactcaagc	aagagttgat	60
gttaaagtct	tcagtctgaa	atttgtaggg	caggagatta	ggctggaaac	tcaggcagaa	120
tttctgtgtt	acaatcttga	ggcataattc	ttctccaaaa	aaatctccat	ttttttctct	180
taaagccttg	gatgagcctt	ggatgattgg	atgaggacta	cccacattat	ctagggtaat	240
ctcctttgct	taaagtaaac	tcactgtgtt	aatcacatca	acaaaatacc	ttcacagcta	300

<210> 1804

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1804

gcaaagttcc	atthttgttga	tctcgcagga	tctgaaagac	tgaagcgtac	tggagctacg	60
ggcgagaggg	caaaagaagg	catttctatc	aactgtggac	ttttggcact	tggcaatgta	120
ataagtgcct	tgggagacaa	gagcaagagg	gccacacatg	tcccctatag	agattccaag	180
ctaacaagac	tactacagga	ttccctcggg	ggtaatagcc	aaacaatcat	gatagcatgt	240
gtcagccctt	cagacagaga	ctttatggaa	acgttaaaca	ccctgaaata	cgccaatcga	300

<210> 1805

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1805

gcaaagttcc	atthttgttga	tctcgcagga	tctgaaagac	tgaagcgtac	tggagctaca	60
ggcgagaggg	caaaagaagg	catttctatc	aactgtggac	ttttggcact	tggcaatgta	120
ataagtgcct	tgggagacaa	gagcaagagg	gccacacatg	tcccctatag	agattccaag	180
ctaacaagac	tactacagga	ttccctcggg	ggtaatagcc	aaacaatcat	gatagcatgt	240
gtcagccctt	cagacagaga	ctttatggaa	acgttaaaca	ccctgaaata	cgccaatcga	300

<210> 1806

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1806

agatgttctt	atccccaaga	gctgtataat	tccagacaga	ggaggcaggc	agacacctct	60
atagaggact	tagaaacgac	tgttgtgaga	cacattcagt	gctcaggatg	gcaagtgtag	120
tataccgtta	gaaagaacat	tcctttgggg	tgtggcctag	gaagttttcc	agatttttca	180
ctagcgtaca	tctaaggaaa	accgtaaaca	cagagctgcc	ctttattcct	cccacaggaa	240
gaaatgtaca	tcttcatgga	gtactgcgat	gaggggactt	tagaagaggt	gtcaaggctg	300

<210> 1807

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1807

caaggatggc	tcaacatata	caaatacaata	aatgtggtac	atcacattca	cagaatcaaa	60
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aagaaaaacc	acatgattat	ttgaatagat	gctgaaaaag	catttgataa	aattcaacat	120
ccgtttatga	taaaaaccct	catcaaagt	ggtatagaag	gaacatacct	ctagataata	180
aaggccatat	atgacagact	tacagctaac	attgtactga	gtggggaaaa	attaaaggta	240
ttgtagggag	accccatgaa	actattgcta	tggataaaaa	gatgaaatgc	tcctgattat	300

<210> 1808

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1808

tttttttttc	gtaaagacag	cgtcttgata	ggttgcccag	gctgctctgg	gactcttggc	60
ctcaagcaat	cttcctacc	ccaccctccc	agttgttgcg	ccatgggtgcc	tagccaagat	120
gagactctca	ttcaaacagt	caaaaacccg	acttaaagta	gctcagacac	acatagaatg	180
gattggctgc	tggttgaggac	tctccgagg	tggtccatc	tcagggcact	gttggaaacca	240
gtacccaagg	atgatgtccc	agcatctgtc	tctccgggat	ctcacctttg	taccctgcc	300

<210> 1809

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1809

ctgagactca	gtttttcttg	gttcagggtc	gtatttgaac	agctctgttg	tgaggaaggg	60
cttacaaaat	tgcaatataa	ttgctttgtt	ttgtttttcc	tttttgtgga	gaacgggggtc	120
tcgccgtatt	gcccaggagt	tcgagaccag	cgtggacaac	ataggtagac	cccgtctcaa	180
caaaattttt	tttaaaaagt	agccaggcat	gatggtgcac	ctctgtagtc	ctagctgctt	240
gaaaggctga	gtctggaggga	tcacttgga	ggaccacga	gtttgaagct	acagtgaagct	300

<210> 1810

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1810

actcaaagac	acgtacatgt	tgtccagcac	cgtctcctcc	aaaatcttgc	gggccattgc	60
cttaaaaggaa	ggttttcatt	ttgaggaaac	attaactggc	tttaagtggg	tgaggaaacag	120
agccaaacag	ctaataagacc	aggggaaaac	tgttttat	gcatttgaag	aagctattgg	180
atacatgtgc	tgcccttttg	ttctggacaa	agatggagtc	agtgccgctg	tcataagtgc	240
agagttggct	agcttcctag	caaccaagaa	tttgtctttg	tctcagcaac	taaaggccat	300

<210> 1811

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1811

gaacagaact	aataggatag	atgtatatat	atgaaagggg	gttcattaag	gagaattgac	60
tcacacgatc	acgaggtgaa	gtcccacgat	aggccatctg	caagctgagg	agcaagggaag	120
ccagtagtgg	ctcagtttga	gtcccacaac	ctcaaaaagta	gggaagcaga	cagtacaacc	180
ttcaatctgt	ggctgaaggc	ctgagagccc	ttggtaaacc	actggtgtaa	gtccaagagt	240
cctaaagctg	aagaatccgg	agtctgatgt	tcaggggcag	gaagcatcca	gcacaggaga	300

<210> 1812

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1812

gggatcctct	taatacctct	ggtatctgat	attcacacat	cattttat	aatgattcta	60
gaggcttgga	aggctgctaa	aagtcattgt	tttcgccttt	gagaataatt	accatcctgg	120

aatccccagt	ttagcctgag	accacctaac	ttccccctac	tcaggattca	agccagttct	180
gtccaaggac	aaacccttgt	gtcgaggcct	ctagaactat	agtgagtcgt	attacgtaga	240
tccagacatg	ataagataca	ttgatgagtt	tggaacaaacc	acaactagaa	tgcagtgaaa	300

<210> 1813
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1813						
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aaagcagttg	ttcacacctg	tgctgtgtgc	tgaggccctg	ccctcccat	gatgtcattc	120
ctcagaacag	cctaagttgg	aggaattact	aaactcatca	tgacatgagg	agctttcaga	180
aaaccaacgc	caagatccct	cccagcgtcc	acatcgctct	ctggcaggag	ctcctgcccc	240
tctgcctccc	accctgcccc	ctacaccccc	tgagaccca	tctccctcca	ccccctccca	300

<210> 1814
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

<400> 1814						
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caatgtgaag	ccaaggaagc	tgcgaaagga	ttgaagtcta	agaattgaaa	ccctccanac	120
cangtnatnt	nattgtaagc	ncaatntgag	ttgtgcccc	atgctcgta	ncagctgctg	180
naacatannc	ntggcctact	atanatnttg	attcatgttt	gacttntttc	ntcttatntt	240
tcnttttnagt	atgttnntn	catatnttat	annattant	tntnnagcta	tatatgatcc	300

<210> 1815
 <211> 181
 <212> DNA
 <213> Homo sapiens

<400> 1815						
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caatgcccac	aagaaaggct	gcagggtcaag	gtgatatgag	gcaggagcca	aagagaagat	120
ctgccagggt	gtctgctatg	cttggtgccag	ttacaccaga	agtgaagcct	aaaagaacat	180
c						181

<210> 1816
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1816						
gctcttttca	agttcaagat	aaagagaaat	ttttcctcaa	tcttgctaaa	tgacagctac	60
tgccattcaa	tgagatgtg	gctaacatgt	cccctgcatt	acctctactg	tatatgtaat	120
cacttcctat	taacgtatta	atctcctcca	ataaaaactg	cagcctctta	aggtcttgga	180
ctgctctatt	tcatgattgg	ttagtagagc	atttctttcc	tataatccac	actggcccct	240
ctctgtgaag	aatgcctgt	atgcaataat	ctgactgata	tcacagcttt	acattattct	300

<210> 1817
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1817
gttccctgct ctgatcattc acattctgtg attacacagg ctgtcatttc cacagagagc 60
catgaaacag tgaggagcca ttaggacatt cccatgggtg tagctcacag ttacaaagca 120
caactacacc ctgggtctcc aggcctctc tttcctggca ccgcagacca gatggggtcc 180
tggagaggct ctgctgccc ttctggagct tcccatcact cctttctgca gatgttcac 240
ttaacagccc ctctgtgcca ctcagcccag taccgggtg cccggctgac tggagatggc 300

<210> 1818

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1818
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gtacctgtcg tagggagatt tgggtagaag ccctcatgct gagctttgtg tccctgggtga 120
tgttggaaca ttaatgatgg aacatggcca aacttcagtc atgacacctga aacctgggt 180
tcaggatcat gactgaagtc atggtttctt ccctgccaga aatgaagggt cagttatgag 240
gcaaccctct agtaaggcat tgtaaaagt actggatttg gtttaataaa agttgaaata 300

<210> 1819

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1819
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caaacaaggg ttcttagatc tcacacaaga aataattcag ggagcgtcta taaagtgaag 120
gtaagtttac taagaaagta gaagaataaa aaatggctac tccacaggca gagcagctcc 180
ttggggctgc tgggtgcca tttttatggt tatttcttga ttatgtgctg aagaaggggt 240
gggttattca tacctcccct ttttagatca ttatagggtg acttcctggc attgccatgg 300

<210> 1820

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1820
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agaaccaaag gagggagaag ccccttataa aacctacaga tcttggtgaga acttactatc 120
atgagaatag catgggggaa actgccctgt gattcaatta cttccacta ggtcactccc 180
accatacatg gagattatag gaactacaat ttaggatgag atttgggtgg gaacacagcc 240
aaaccatatac aagtattaac agcagaatta accaagctga ggaaagactc tcagagctca 300

<210> 1821

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1821
ctctcctgca tgggctttgc ctacaggggt atgatgatgt atcttttcat tcatcaccca 60
ggtgggtatga ctctccactt atgcctgggc cttgatgaaa cagaaattgt gacatatccc 120
tggacttggc acttaggtga tgtaactcac ctttattgcc agggcatgggt atattatgag 180
tattgtgaca aatctcttgg cctgacacct aggggatgag agactcctgc ctgggccctg 240
cccacaggat gctttgtggc ctgtcttctg gttttattac ctagaaagat gtgactttcc 300

<210> 1822

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1822

gtggcacaca	cctgtggtcc	tagctactca	ggaggctaag	gagggaggat	cacttgagcc	60
caggaggtct	aggctgcagt	ttttattgtc	tttaaattct	cttcagataa	tttaccctcg	120
cattgcctac	acagcacact	gcagagtgtc	gggcaacttg	gtaattaacc	ctctaattgt	180
gtaaaactgga	agcttcgtga	ggttatggct	tcattacat	ggctacgtgg	ctgtagccat	240
gagtggtcac	tccagtgtgg	gtgatggagt	gagactctgt	ctcaaaaagg	aagggaggga	300

<210> 1823

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1823

gtcggacgag	cacgcgcgtg	agatgtgcct	gcggtttgca	gacatggagt	gcaagctcgg	60
ggagattgac	cgcgcccggg	ccatctacag	cttctgctcc	cagatctgtg	acccccggac	120
gaccggcgcg	ttctggcaga	cgtggaagga	ctttgaggtc	cgcatggca	atgaggacac	180
catcaaggaa	atgctgcgtg	tccggcgag	cgtgcaggcc	acgtacaaca	cgcagggtcaa	240
cttcatggcc	tcgcagatgc	tcaaggtctc	gggcagtgcc	acgggcaccg	tgtctgacct	300

<210> 1824

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1824

gcagtgactg	ccttcggctt	tttttctgct	gactaagatc	tcctatagag	agctacaaca	60
atgccccaaa	gaaaggctgc	aggtcaaggt	gatatgaggc	aggagccaaa	gagaagatct	120
gccaggttgt	ctgctatgct	tgtgccagtt	acaccagaag	tgaagcctaa	aagaacatca	180
agttcaaggga	aaatgaagac	aaaaagtgtg	atgatggaag	aaaacataga	tacaagtgcc	240
caagcagttg	ctgaaaccaa	gcaagaagca	gttggtgaag	aagactacaa	tgaaaatgct	300

<210> 1825

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1825

gcttcgtgtg	ctactgcgaa	ggggaggaaa	gcggggaggg	ggaccgcggc	ggcttcaacc	60
tctacgtgac	cgacgccgcg	gagctttgga	gcacctgctt	cacgccggac	agcctggcgg	120
ccctcgtggg	taactgggcg	ggtctgggag	ccgccacacc	cctccttgca	gtgcagatcg	180
tctatggggc	gacagacatc	tgggattccc	cagaaggctc	tgacaccctc	tgcccgccct	240
gtagctgtag	tcctccatt	ggctagggct	cttggggctg	ggcaggtttc	gggtgcccc	300

<210> 1826

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1826

cacacacctg	tggtcccagc	tactcgggag	gctgaggtgg	gaaaatgctt	gagcctggca	60
tgtctagcct	tcagttagcc	atgactgtgc	tactgcactc	cagcctgggc	aacagagcaa	120
gactctgtct	gaaaagaaaa	gaaaagaaaa	gagaaaagga	aaaagggcat	ttaagacatc	180
tcacctactg	aacatcctag	cttcgcctag	cctaccttaa	atatgtctcag	aacagttaca	240
ctgcctacag	tctgagaata	tttacattaa	atatgtctcg	aacacttaca	ttggcctaca	300

<210> 1827

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1827

cacacttggg	gctcatacaa	actttttccc	aggctattgt	ctgttcttca	agccatttca	60
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cctcccctaa	aaatcatgta	ttcttctca	aaaattgtct	attatcttcc	acttcccttt	120
cccccatgaa	aagtgttgag	gcttattctg	agccaatatg	agtgaccatg	gcctgagaac	180
ccaatatgag	tgaccatggc	ctgagaacca	tctcaagagc	tccttcaaca	gttgtgactg	240
agcttgtcag	gttgagcttt	ggttttatat	attctagggg	gacaggaatt	ataggtaaaa	300

<210> 1828

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1828

ggggtatccc	ttgagaccac	cttgggacca	gtgcttgcaa	gcagcgagat	atttccccag	60
caaaaccagg	cagctgctaa	ttaaatagct	agaaccaatg	aaagctggct	gtggtcctgc	120
ctgtgagctg	cctactgctg	ccttctgaat	gcataatctt	gctactgtag	ccccgggttg	180
tcaaatatg	gcctgtgggc	caaataccagc	cacagtcggt	tctttaaagt	tttatcgaaa	240
cacaagcaat	ggaaatgccc	atttccattg	ttgtctccag	ttgtctctgct	ccgagggcgag	300

<210> 1829

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1829

gccgatacaa	cctcgtgcgg	ggccagggtc	cagagaggct	ggtgtctggc	tccgacgact	60
tcaccttatt	cctgtgggtc	ccagcagagg	acaaaaagcc	tctcactcgg	atgacaggac	120
accaagctct	catcaaccag	gtgctcttct	ctcctgactc	ccgcatcgtg	gctagtgcct	180
cctttgacaa	gtccatcaag	ctgtgggatg	gcaggacggg	caagtacctg	gcttccctac	240
gcggccacgt	ggctgccgtg	taccagattg	cgtggtcagc	tgacagtcgg	ctcctgggtca	300

<210> 1830

<211> 158

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(158)

<223> n = A,T,C or G

<400> 1830

gatctatctc	ttctccctgc	ccattaagga	atcagagatc	attgatttct	tcctgggggc	60
ctctctcaag	gatgaggttt	tgaagattat	gccagtgcag	aanctnacc	tattctntta	120
gntcnctagn	cnnagantct	ttctttangg	attctnta			158

<210> 1831

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1831

atagagagga	acaaagataa	gaatgacagc	agatgtgtgg	tcagaaatta	ttcaaggcag	60
aagacagtag	aactgaaaaa	gaaagtaggt	caatctagaa	ttctataccc	aacacaaata	120
tccttcaaaa	atgaagggtg	aataaacact	ttttgatgga	caaactgaag	ttgagagaat	180
tcgtaaccag	cagacctgta	gtacaaaaaa	tgttgaggca	agtttttttag	gcagaagaaa	240
aatgatacta	gatagaaatt	tgggctgcac	aaaggagtga	agaggcttcc	aaatggtaaa	300

<210> 1832

<211> 283

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(283)
 <223> n = A,T,C or G

<400> 1832
 ccagctctt tgggaagctg aggtgggagg atcactagat cccaggggtt ggagacttgc 60
 ctgggcaaca tagtgcaacc tcgtctctaa aaatatatat tttatagatt agcccggcat 120
 ggggtggtgca cgtctatagt cccagctact ccagaggctg aggtgggaag atcccttaag 180
 cctaggaggc gaggtatcga taatctatna nagtccggtt acactccaac ntgggcttnn 240
 gaggaangat cacgtaggnt ctaananatg anggaggcca ttt 283

<210> 1833
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1833
 cctgccccta ggtgggggct gccttcagct ccctgctgct tgtgataact tgggtgtggc 60
 cctcacagct gtgcagaagc tattcccaga ggggttctggc cccaggtaaa cagattctgc 120
 tctgggctcg ccttgccctc atcccacagc cctgtgtgct gtctgtggca cagcctagag 180
 cagcactgcc tcgtggccct ggcccttatg cggctggagc tgatcctgaa gtccagtgtc 240
 ccagcggtea tggctggcat catcaccatc tacaacctgg tgatggaagt ctttatcccc 300

<210> 1834
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1834
 cccaaacctt atttaggagt aaatTTTTTg tagcagatag ccagatttca gccaatcaca 60
 ggcttccagc taacaagact atgccc aaatg aaggcaaatg cctcatcaca tgatgctcaa 120
 ataaggcagc cacctaggcg aggccaatca ggtaactttt ctactttgct taattgttca 180
 gcctgtacaa atttgctgct tatgactgct gagcagagct gtctaaacct cttctggttt 240
 ggagtgtctgc cttatatatg aattgttctt tggtcacata aaattgggta aatttaactt 300

<210> 1835
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1835
 tggctggagg tgagatatgc tggcagcaat actgctctgt tactccttgc tacactgaga 60
 tgtttgggta aagagaaaca taaatctagc ctacgtgcac atctgggcac agtacctttc 120
 cttgaactta ttctgtatag agattccttt gctcacatgt ttccctgctg accttcttcc 180
 cacctgttgc cctgtacac tccctcgct aagacagtaa aaataatgat caataaatac 240
 tgagggaact cagaggccag cgccggtgctg ggtcctccac atgctgagcg ccggtccggg 300

<210> 1836
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1836
 ggccagtagg tgctaaggctg acaccacccc ttcttccctc tccagaccca tcccaccacc 60
 gtgatttgcc catccccagc agcctcatca ctgaccacct gtttttactt gcaggaccca 120
 ttccaacaat ctctgtaaac atgggtgatt actatgaagt tctaggcgtg cagagacatg 180
 cctcaccoga ggatattaaa aaggcgtaag tagttttatt tctgtggtaa tgcattttca 240
 cagtgggtaca ttgtaattg agtagtataa cttcttctat tgcctatgaa aatggctttt 300

<210> 1837

<211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1837
 gagactccag gctgagctgg ctgaccgacc caatccccct acccgccctc tgcccgtga 60
 cccggtggtg agaagcccgga aggtaacggt ggggggagag aagggcacgg cctctcccc 120
 cacctagggc tgtggtgctg gtagccatga cgggtggtggc cgtggcgaga tgccccctca 180
 gtgcatgagg gcacatatcc cggtggtgcc tttaatggtg acagtctcag gggccagcca 240
 agccccacc cccaaggaag ccactgtctg ccgaccccca gggccggtgc ccatcggtg 300

<210> 1838
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1838
 aaggcttaga tcattgactt cagatTTTTT gtcttttcta acaagtgttc aagactataa 60
 tataaatttc cctctaagca ttgttttagcc acatttcaca aatttggaag tgttttattca 120
 ttttcatctt cattcagttg aaaatatTTT ctaatttccc ttttaatttc ttcttttact 180
 cacttattat ttggaaatgt gttatttcat ttccaaatat ttggggattt tcaaatatct 240
 cctgttaaca atttctaaat tagttgtagt cagagaacat attctgtgat ttcaatgctg 300

<210> 1839
 <211> 233
 <212> DNA
 <213> Homo sapiens

<400> 1839
 ggaacgtcag gcacagggat gatgaaaggg gaacaataag tggttaattac ctacaggttg 60
 tggttggtcc aggttttttg cattgtgcct agactgaata aaagcaagca gctccagctt 120
 cttggggctg ctttctggcc actagagcca ggcagtcacc tagttgctgt tacactgaaa 180
 aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaa 233

<210> 1840
 <211> 212
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(212)
 <223> n = A,T,C or G

<400> 1840
 ggaacgtcag gcacagggat gatgaaaggg gaacaataag tggttaattac ctacaggttg 60
 tggttggtcc aggttttttg cattgtgcct agactgaata aaagcaagca gctccagctt 120
 cttggggctg ctttctggcc actagagcca ggcagtcacc tagttgctgt tacactgaaa 180
 aaaaaaaaaa aaaaaanaaa anaanaaaaa aa 212

<210> 1841
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1841
 ggaacgtcag gcacagggat gatgaaaggg gaacaataag tggttaattac ctacaggttg 60
 tggttggtcc aggttttttg cattgtgcct agactgaata aaagcaagca gctccagctt 120
 cttggggctg ctttctggcc actagagcca ggcagtcacc tagttgctgt tacactgaaa 180
 aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa 240
 aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa 300

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<210> 1842
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1842
cccaagcaag gttccttggg agaagatgtc tgcagaggag ctggagaatc agtactgtcc      60
cagccgatgg gttgtccgac tgggagcaga ggaagccttg aggacctact cacagatagg      120
aattgaagat tatcttgaaa acaatcttcc agtagttctg acgatacttg gagcctggtc      180
cacgtgcac ccaccttggg aagcctctcc aaagagcttt cggagctgac actgacagct      240
tcagtttccc ccagcaccca ggagagcctt gctgtgtctg tctgcccggc aagagtccat      300

<210> 1843
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1843
gctctcggag gctgtcttct gtgcgaagg gtcccgacc gagtacacag tggcagctgg      60
cttagttggt ggacggcctg gggtagggga gggtagcagg tataagactt ctggggggcac      120
cccaagaccc cagacacca agtggcatct tgggggtggg tgggcagagg acggggtaat      180
gtgaggacga agcgggcacg gagccagatg gccagtctcc aggcctggtc cacggactgg      240
cagggacccc aggacaaga gctgccaccc ctctgcccgg ttggaaaaa aacaataaag      300

<210> 1844
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1844
gagaaacaca gtcaagtggc gcagtactat gaagtattcc ttcgacagtc tccattggag      60
ccctgccttg tatttcatga aggtggatag tggcgtgagc tcacagtccg caccaatagc      120
caagggcaca caatggctat catcactttc catccccaga aattaagtca ggaggagctc      180
catgttcaga aggagattgt aaaggaattt ttcacagag gtccctggagc agcctgtggc      240
ttgacctcac ttacttcca ggaaagtacc atgaccggtt gcagccatca gcagtctccc      300

<210> 1845
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1845
ggaacatcca gtgcctgcag gacgtggagc gctgcctccg ggacacgggt gtgcagggcg      60
tcatgagcgc agagggcaac ctgcacaacc ccgccctggt cgagggcccg agccctgccg      120
tgtgggagct ggccgaggag tatctggaca tcgtgcggga gcacccctgc cccctgtcct      180
acgtccgggc ccacctcttc aagctgtggc accacacgct gcaggtgcac caggagctgc      240
gagaggagct ggccaagggt aagaccctgg agggcatcgc tgctgtgagc caggagctga      300

<210> 1846
<211> 300
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(300)
<223> n = A,T,C or G

<400> 1846
aaaattaaaa acacacaggc ccaacaaact caacaaacgc taagcacaag aaacatgtag      60

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gaaactatac	caaggagtat	tataatcaaa	ttactcaaaa	ccagtgataa	ggtgaaaacc	120
ttaaaaagcag	ccagaggaaa	aaggacatgc	aagaagaata	aagacaaagg	taatggcaga	180
ctttttgcct	gaaagaatgc	aagtgagaag	acaatatatt	aacatcttta	aactaatgaa	240
agaagancna	ctgtcaacct	agaantctgt	atgaacgtng	nccaaaggnn	ttcaaannnc	300

<210> 1847
 <211> 299
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(299)
 <223> n = A,T,C or G

<400> 1847						
agacttttga	ggaaattctt	tcttgacaaa	gacagagatc	aaaccaaaaa	acaaacaaaa	60
aaacacacac	agaaaaatgt	gagtagggaa	gaaataggaa	aaaggtaaga	agcagaaatt	120
tttttttttt	tnaancggag	tttcgntntt	gtngcccagg	ntgnagngca	nnggcncagt	180
ctnggttnac	canancntcc	accacccagg	ttnaagcant	tntcnngcnt	nagcctcctg	240
agtantcggg	attntnggcn	cccaccacca	cncnnggtta	anttngnntt	tttagtaaa	299

<210> 1848
 <211> 165
 <212> DNA
 <213> Homo sapiens

<400> 1848						
ggcggtcttt	ggcctcacgc	ttcggggaga	ctcgctgtgc	ctcatcgctg	ccgtcattcc	60
agggagccag	gccgcggcgg	ctggcctgaa	ggagggcgac	tacattgtgt	cagtgaatgg	120
gcagccatgc	aggtggtgga	gacacgcgga	ggtggtgacg	gagct		165

<210> 1849
 <211> 273
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(273)
 <223> n = A,T,C or G

<400> 1849						
cagcaatggt	ttgtggcttt	tattgtacaa	gcttttcacc	tccttggtta	agttagttct	60
taagtgtctt	attcttttac	gtgctattat	aaatggaatt	attttcataa	tttccttttc	120
atggtgttaa	ncattatncc	nactcacntg	cnactnaata	antgcacntt	gacnnttcca	180
gnnacatgaa	acnattnann	ntnnnantcn	tacannaagn	acnancatcn	attngcntnt	240
tnctnatnng	annntnntgn	atntanaann	ccg			273

<210> 1850
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1850						
gccatcctgt	ttacagcgag	gcaagatgaa	tcattatgtc	tgtgcatttt	gttttactta	60
tctgtgtata	tagtgtacat	aaaggacaga	cgagtcctaa	ttgacaacat	ctagtctttc	120
tggatgttaa	agaggttgcc	agtgtatgac	aaaagtagag	ttagtaaaact	aatatatttt	180
gtacattttg	ttttacaagt	cctaggaaaag	attgtcttct	gaaaatttga	tgtcttctcg	240
gttgatggag	atggggaagg	gttctaggcc	agaatgttca	catttggaag	actctttcaa	300

<210> 1851
 <211> 206
 <212> DNA
 <213> Homo sapiens

<400> 1851	
ctgaaacagg gtcgggatgc cgatgccggc ttggagttag agatgagtca ccgctgagag	60
cagctgcagt agctgagcag tggcagcaga gaggcagacg tgagctgagg gcgcagaggc	120
aggcagcatc tctgagggtc cccaaggagc atggctggga gccgtgaggt ggtggccatg	180
gactgcgaga tgggtggggct gggggc	206

<210> 1852
 <211> 295
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(295)
 <223> n = A,T,C or G

<400> 1852	
ttttattttg tcacccaggc tgaaatacag tggcaaaatt atacctcaat gcagcctcaa	60
ccccctggg ctcaagggat cctccaaatt cagcctcctg agtagctggg agtataggct	120
tgaccacca tgcccagcta attttttttt tttinganctt tngnattttc agtagngaca	180
nagtttcccc atgtngctna ggctggngta aaactccngg gctnaagcaa tcntcccacc	240
tgggccttcc aaagggtggt nattacaagg ggnanccant gtacccagca aaata	295

<210> 1853
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1853	
aattacaggc ttgagccact gcaccaggcc ctaagagctc taaactttct tatcacacag	60
tgaattaaaa tattttggat cttaactatc ccatattaag cgatcctttc ctcaaatgaa	120
agaaaaatact taattagaac atatatgttt aaactgatac agtaagttgt ttgtaagcct	180
ctagaactat agtgagtcgt attacgtaga tccagacatg ataagataca ttgatgagtt	240
tggacaaacc acaactagaa tgcagggtgaa gaaaatgctt tatttgtgaa atttgtgatg	300

<210> 1854
 <211> 289
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(289)
 <223> n = A,T,C or G

<400> 1854	
gtggtacctt ggcttttaggt ttctattcgc acggaacacc ttttggcatg cttaacttcc	60
tggtaacacc ttcacctgca ttggttttct ttttcttttt tctttctttt tttttttttn	120
ngtggngggt ggtttttaaaa ccccnnnanc nnnaaaaccn ttttttnnaaa nccntngaaa	180
nnnancnng gcnttttttc ccccnnttnn nccaangngn gnnttaaang nangnnnggc	240
ngggggaann tttngcaacc anggggnntg ggggnctaan cgggtcaaaa	289

<210> 1855
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1855
 ggtaaatttt tgtttgaaat catgcccaga ttcgacgtca agcaattaaa gaactgcctc 60
 aatttgccac tggagaaaat ctccctcgag tggcagatat actaacgcaa cttttgcaga 120
 caggtaaggg attttattat tacctttttc tctaaatata tatcttcttt ctgaaatggt 180
 gactctgttt ttaggtttta aatggggtgc aggagagctg gaggtcctac ctctgataga 240
 gattaaattt cctactttca ttcagtagtt aaagtgtaat gatttctggt tatctaattc 300

<210> 1856
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1856
 aatgcctcta tgtaggtgaa gtgttctctc tgcattgcaac agtaaaaatt aatataatat 60
 tttccccaca aaagaaacac ttaacagagg caagtgaat ttataaattt atatctaaag 120
 gggaatcatg attataagtc cttcagccct tggactctaa attgagggga ttaaaaagaa 180
 tttaaaataa ttttgaacga atttattttc ccctcagttt ttgagggcat taaaaaggca 240
 ttaaatcaag acaaatcatg tgcttgagaa aaataaaaatt aatgaaaaca cagcacttat 300

<210> 1857
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1857
 tattgggttg tagaaatgct actgattttt gtacgttaat ttttgtatcc tgaaacttta 60
 ctaacgtcat ttatcaggtc ttttggaggg attggttagg tttttttagg tttagaatca 120
 tattgtgagt gaacagagat aatttgactt cctctttttc tatttagatg ccttttgttt 180
 ctttttcttg cccgattgct ctgggtagga cttcagtagt atgttgaata gaggtggtga 240
 gagtgggcat ccttgtcttg ttcttagggg ggatgctttc acctttgccc attcagtatg 300

<210> 1858
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1858
 ggcagaagag cagacatggc agatgctttt ctatcttggg gttgatgctt tacgcaagag 60
 ttttgagatg accgtggaaa aagtacaggg tattagcaga ttggaacaac tttgtgagga 120
 attttcagaa gaggaacgag taagagaact caagcaagaa aagaaacgcc aaaaacggaa 180
 gaatagacga aaaaataagt gtgtgtgtga tattcctact cccttacaaa cagcagatga 240
 aaaggaagta agccaagaga aggaaacaga cttcatagaa aatagcagct gcaaagcctg 300

<210> 1859
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1859
 gcataacgaa cctaaccctc agagggtttac caagattcaa aacacgaagc tgaccatgaa 60
 gcgggacggc attgggtcag tgcggtacca ggtcttggag gtgtctcggc aaccactctt 120
 caccaatatc acagtggaca ttgggaggac tccgtcgtgg cccctcggg gctgacacta 180
 atggacagag gctctcggtg ccgaaaattg cctgccagag gactgaccac agcctggctg 240
 gcagctgctc tgtggaggac ctccaggact gagactgggc tctgttttcc aagggtcttc 300

<210> 1860
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1860
cctgtttcca ttcaacaaga gcactacatt catttagcta aacggattcc aaagagtaga 60
attgcattga ccacgactaa tttcaaaatg ctttttatta ttattatttt ttagacagtc 120
tcactttgtc gcccgagccg gagtgagtg gtgcgatctc agatcagtg accatttgcc 180
tcccgggtc aagcgattct cctgcctcag cctcccaagt agctgggatt acaggcacct 240
gccaccatgc ccggctaatt tttgtaattt tagtagagac agggtttcac catgttgccc 300

<210> 1861
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1861
gggaccactg gcctgcctga cctcacccca ctaatatattt ttattttttg cagagacagg 60
atatggggaa aagaaatcag attgttactg tgtctatgta gaaaaggaag ccataagaaa 120
ctccattttg atctgtatta agaaaaattg ttctgctttg agatgctgtt aatctgtaac 180
tttagcccca accctgtgct cacagaaacg tactgtattg aatcaagggt taatggattt 240
agggctgtgc agcatgtgcc ttgttaacaa tatgtttgca ggcagtatgc ttggtaaaag 300

<210> 1862
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1862
gctgggtgtg gtggcacacg cttataatcc cagctactcg ggaggctaag gcaggagaat 60
tgtttgaatc tgggaggcag aggttgagtg gggccgagat cgcaccattg cgctccggcc 120
tgcgcaacaa gagcgaaact ctgtctccaa aaaagagatg atctcactgt gtcaccagg 180
ctgacgtgta gaggcagat catagctcac tgtatcctca aactcctcct gggttcaagt 240
gattgtcctg ccttgacctg ctgagtagcc accaccatgc ctgggtcaaa atggatttga 300

<210> 1863
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1863
agaagcctta cgtgtgtgct gagtggtgga aggcctttag caacaggctc aatttgaata 60
aacatcagac aacacacact ggagacaaac cctacaagtg tggcatctgt gggaaaggct 120
tcgttcagaa atcagtgttc agtggtcatc agagcagcca cgcttgagag aaacagtgtg 180
agaaaacccc cctgaggggt gggtctgatt gtacactgtt gcacgcatgc agcagaaaaa 240
tatgtatatt attgtaaata gaaatgacca catcagaatg tcacacatgc tgttctggag 300

<210> 1864
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1864
cccaaaacca tttattgaag agacaaccct ttcctcattg tttgcttttg gcattcttgt 60
caaagatcag ttgtccataa atatgtggct atatttctgg gatctctctt ttgttccctt 120
ggtctacatg tctgttttta atgggagtat catactgttt ctattactgt aattttgatg 180
tatattttga aatcaaatag tatgatgctg ctagtccat tctttatgct tgagagtgtg 240
ttggctattt agggctcttt ctagtccat acaaatttta gggttatttt tatgcttctg 300

<210> 1865
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1865

cagatggttt	ttaacgccta	ccaggctggg	gtaggagcac	tcaaactctc	catgaaggat	60
gtcacagtgg	agaaggcaga	gagcctcgtg	gatcagatcc	aagagctctg	tgacacccag	120
gatgaagttt	ctcagactct	ggctgggtgg	gtaacaaatg	gcttagattt	tgacagtgaa	180
gaactggaga	aggaattgga	catcctcctt	caggatacca	caaagaacc	tttggatctg	240
cctgacaacc	ccgcaatag	gcattttacc	aacagcgtgc	ctaaccctag	gatctcagat	300

<210> 1866

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1866

agacatcaaa	ggttcttgct	tccaaagtgg	gaataaacgg	aaccatgaac	cttttattgc	60
tccagaaaga	tttgaaaca	gtagtgtggg	ctttggcagt	aattcccatt	ccaagcacc	120
agagaaagtg	acgcttcttg	tagatggcac	acgttttgtt	gtgaatccac	agattttcac	180
tgctcatccg	gataccatgc	tggaaggat	gtttggacca	ggaagagagt	acaacttcac	240
tcggccaat	gagaaggag	agtatgagat	tgctgaaggc	atcagtgcaa	ctgtatttcg	300

<210> 1867

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1867

agcgtgtgca	gcggcagctg	ctggtgaggc	ccaaggggct	ctgtctccag	ggagcctgcc	60
tcgcttttgg	agcagacagg	cttggggagg	gcagtgatgt	gagccagccc	caccagcac	120
ccctcttgcc	cttcctgttt	tcctagggga	cgggccgggc	catatgggga	ggaagggact	180
agaccaatgc	tgcttaatgt	tacagacgct	gagcagcgag	ctgtcccagg	cccagatga	240
gaataagagg	accacaatg	acatcatcca	caacgagaac	atgaggcaag	gccgggacaa	300

<210> 1868

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1868

ggatgacaga	gtgagattct	gtcttaaaaca	aaaaacccca	aaagaccatc	cagagtgtct	60
gtctcggtag	catatatact	aaaattggaa	ggatatggag	aagattagta	tggtccctgc	120
gcaaggatga	cacgcaaatt	tgtgaattgt	ttcataatta	ctatttaaaa	aaaaaacct	180
ctgtagggtat	ttctccaaag	aagctaagca	gatgcccaat	aaacatatgg	aaagatgttc	240
agcatcacta	ataattaggg	aaatgcaaat	caaaaccaca	gtgagatgtt	attttgcgac	300

<210> 1869

<211> 290

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(290)

<223> n = A,T,C or G

<400> 1869

gaacaaacaa	aaaatgcaca	gttcataata	atttctcttc	gaaataatat	gtttgagatt	60
tcggatagac	ttattggaat	ttacaagaca	tacaacataa	caaaaagtgt	tgctgtaaat	120
ccaaaagaaa	ttgcatctaa	gggactttga	tggncttat	nctattgatg	atncttacng	180
acgatgatgg	ctnncnncaga	tccattcatg	anntgatnct	aanaaatatt	acttggtatt	240
canancgagt	tntaactgaa	atctccttgn	ggagctcctg	atnctggggg		290

<210> 1870

<211> 300

<212> DNA
 <213> Homo sapiens

<400> 1870
 ctgggggtggg atgccttact ttgcacttaa ttttaataagg gcattctcgg aggagtagac 60
 gtttaataacg aagtggcggc atagccctgc cgagatgtcg gtgatggcct ggatgctgta 120
 accacaacct gtggctaaaa attttatttt ctatccttta cccgtcatta tcattagtgt 180
 ctatgattct ttctgcattt tcggttaact atcatttcca aagacttgtc attcagtaat 240
 attagcagat agctgcttcg ataaaggaat ttggagtta aaaatcaact tgtgaaaaca 300

<210> 1871
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

<400> 1871
 acacctgga ctctgcagg ggaggacaca cggaggtgga caactgcaga tacacttact 60
 cggagtggca cagctttact cagccccgtc ttggtgaagt gagttttcct aagtggcncta 120
 caaatctatt ntaattntct ttagacttta tanntaacta actggattct gactataant 180
 tncaattanc tatgantcta ctacttctac taatagaaag ctattattnt tcctcantnn 240
 taatntagtt atgttcngat ttanntggaan atttacttcc cctcctattt ttttaattga 300

<210> 1872
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1872
 gtttgatcat ttatgtactt gggtaagggtg gtaactgcta gatctctcca tttgaagttg 60
 cttttaaaaa atttgttatt ttgtctactc gggaggctga ggcgggagaa tcgcttgaac 120
 ccaggaggct gaggttggtg tgggcccaga ttatgccatt ggactccagc ctggggcaaca 180
 agagccaaac tccgtctcaa aataaacaac caaactaact aaagaagcct aacagtaaat 240
 ggcagctggt gtgtatgtga ccctgttgct ctgcttcctc cagggacacg gccaacacgg 300

<210> 1873
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1873
 acgggagcta gtgacggcat ttctacgac ctgaagatcc tcgtctccgg gggcggaag 60
 tcacggacag gtgtgatgat ccccatccca caatatcccc tctattcagc tgatcatctt 120
 gagctcgacg ccatccagggt gaattactac ctggacgagg agaactgctg ggcgctgaat 180
 gtgaatgagc tccggcgggc ggtgcaggag gccaaagacc actgtgatcc taagggtgctc 240
 tgcataatca accctgggaa cccacaggc caggtacaaa gcagaaagtg catagaagat 300

<210> 1874
 <211> 156
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(156)
 <223> n = A,T,C or G

<400> 1874
agctcgagtc aacgtccctg tcattggtgg ccatgctggg aagaccatca tccccctgat 60
ctctcagtcg accccaagg tggactttcc ccaggaccag ctgacagcac tcaactggcg 120
ggatccagga ggacttaacn angntgtgna ggatat 156

<210> 1875
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1875
gttttccttt atatgggagt ttcttcatta aaaggaatcc agttatttga ccgtataaaa 60
ttatttgga tgcctgctaa gcatcagcct gatttgatat acctccgtta tgtgccgctc 120
tggaagggtcc atattttcac agtcattcag cttacttggt tggtcctttt atgggtgata 180
aaagtttcag ctgctgcagt ggtttttccc atgatggttc ttgcattagt gtttgtgcgc 240
aaactcatgg acctgtgttt cacgaagaga gaacttagtt ggcttgatga tcttatgcca 300

<210> 1876
<211> 157
<212> DNA
<213> Homo sapiens

<400> 1876
agcggccatg gccaaacttg aggtgaagaa agcattcatg ggaccactga agaaagaccg 60
aattgcaaag gaagaaggag cttaatgcca ggaacagatt ttgcagttgg tggggtctca 120
ataaaagtta ttttccactg aaaaaaaaaa aaaaaaa 157

<210> 1877
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1877
aggaccagg caaccctcaa caacctgcct gcgaagaaag ctcccttgga aggggctgcg 60
ccagcacatt tccctgcccc taatcacaaa tgccttgggc cctccaccg gagattcgcg 120
ttcagtaggt cagtgacggg gccgggaatc tgccatttga aacgaatact cccagttatt 180
tgtttcatca agcagataga aaaacatgga ttcttagaa aggttctgca actgaccatt 240
cattaactcc tgagggcctc atgtcaggtt ccgtgcatgc actgagcacc tactgtgtgc 300

<210> 1878
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1878
gaaggggttt aaaaaggaaa aggtgtggaa gagatgcagg agtgggtgcag gtctgaatgt 60
cttggttga tagttatatt gagtaattgc ccatctggag gtatggtttg tgtcatcttg 120
acttcagctg ggtaatgcta ggctaactgt tcgaaactcc ccccatgcaa gaggagtctg 180
caactccatc tctgcttggg ttgtttcaaa actggcccct gaaatttcta agcaagtacg 240
taattagata agtgaaact gttcatggac atgcctgggt ggaaagggag aaactaaggg 300

<210> 1879
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1879
gccaatcca ggccctcctc cacgcagtgt gccaccaaca gacttctctc aactgattga 60
tagtccagag tttgtaccag gccaaagcct ttgtcacat acagagtctg ccccaaattc 120
tccaagaatt ggaagcccat tgagcccaaa gaaaaacagt gaaacaagta ttcttcaagc 180
aatgtctaga ggtttgtcta ccagttatgc ctgacttggg ctgagaacct tggatagaag 240

ttaaaaaaag acatcatcca gccccagtga aattgagggga atcagtgtct gtccctgaag 300

<210> 1880

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1880

agacagagta	ctgattggag	gggatgaaac	tccagagggc	cagagagctg	tgaggccct	60
gtgtgctgta	tatgagcact	gggttcccag	agaaaagatc	ctcaccacta	atacttggtc	120
ttcagagctt	tccaaactgg	cagcaaattg	ttttcttgcc	cagagaataa	gcagcattaa	180
ctccataagt	gctctgtgtg	aagcaacagg	agctgatgta	gaagaggtag	caacagcgat	240
tggaatggac	cagagaattg	gaaacaagtt	tctaaaagcc	agtgttgggt	ttggtgggag	300

<210> 1881

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1881

gtggagccca	agagctctgg	gccgccagga	agcctccaat	gctctggcca	cctggacccg	60
cctttttaa	gcgtattctg	tctctttcta	actcctttgt	ctccgcagga	ctcgggggat	120
ctgctgggtg	gtgtggggct	ggtttcccca	atatctaaga	tcagtgttg	gggcattttg	180
cagatcctgc	actggatgga	tcagcggaca	acacacagac	cggtaatctg	ggtcaatcag	240
ttctgccatc	ccaccagaa	cagaaaacag	catgaaaaac	tcactttaac	cccctatgaa	300

<210> 1882

<211> 149

<212> DNA

<213> Homo sapiens

<400> 1882

gaggaagcat	ataccacaga	acattggctg	gtcaggatat	acaaggtaaa	ggacctttat	60
aatcgaggct	tgtcaaggac	ataaatgtca	cgtccagctc	tgatatgctt	cgcaactgagc	120
acatcacatt	taggacgttg	aagattttt				149

<210> 1883

<211> 206

<212> DNA

<213> Homo sapiens

<400> 1883

gtgcaccgga	gggtgaagac	agccctcgcg	aggaaggagg	aggccgtgag	cagcctccgg	60
acacaacatg	aggctgcggt	gaagcgggcc	gaccacctgg	aggagctgct	ggagcagcac	120
aggaggccca	cgccaagtac	caagtgaacca	gggatgcccg	gaacactgtc	gaagaacgga	180
aggcagagga	cagaggctgg	acgtgg				206

<210> 1884

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1884

gacttctgaa	gaacatgaag	caagcagaag	ggtgaaagcg	gagctgctgg	ttcagatgga	60
tggtgttgga	ggtacttctg	aaaatgatga	cccttccaaa	atggttatgg	ttctggcagc	120
tactaatttt	ccctgggata	tagatgaggc	tttaagacga	cgccttgaga	aacgaatcta	180
tattcctttg	ccgtcagcaa	aaggcaggga	ggagctatta	cgaataagtc	tacgtgagtt	240
ggaattggct	gatgatgttg	accttgcaag	tatagcagaa	aacatggaag	gttattcagg	300

<210> 1885

<211> 300

<212> DNA
 <213> Homo sapiens

<400> 1885
 tgcagtagca tccatgagca tcagcagaga tgcagtgggg gtctgtttac ttggtgataa 60
 gttatatgct gttggggggt atgatggaca ggcatacctt aatactgtgg aggcttatga 120
 tccccagaca aatgagtggg cccaggtatt ttcacatact tttgaggaca gcaaagatca 180
 cctggtggcc atcaagcaga ccatctggag gcaaaactcc ttatctgagg aattcagaag 240
 tcattagact gccctattat cttaaagccgg catcttgtac taggcttctt taccaaaaat 300

<210> 1886
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1886
 aataaaagggt tccaatttga gtttcatctg ctcagctgcc agcagcagtg attccccaat 60
 gactttttgct tggaaaaaag acaatgaact actgcatgat gctgaaatgg aaaattatgc 120
 acacctccgg gcccaagggtg gcgaggtgat ggagtatacc accatccctc ggctgcgcga 180
 ggtggaattt gccagtgagg ggaaatatca gtgtgtcatc tccaatcact ttggttcatc 240
 ctactctgtc aaagccaagc ttacagtaaa tagtatgtga tctgactttt ccttttagcat 300

<210> 1887
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1887
 gctgactact tggaaagcttg tgtagtatct gtgttgcaga tccatgtgac ccagccccct 60
 ggggatatcc tgggtgttctt gacaggacag gaggagattg aggctgcctg tgagatgctc 120
 caggatcgct gccgccgcct gggctccaaa atccggggagc tcttggtgct gccatttat 180
 gccaatctgc cctctgacat gcaggcccgat atcttccagc ccacaccacc tggggcacga 240
 aagggtggtt tggcaacgaa cattgctgag acatcactca ccattgaggg catcatttat 300

<210> 1888
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1888
 agtaattttt ttagtttgtt tttgagacag ctctgtcacc caggctgagt acagtggcat 60
 gatcatggct cacagcagcc tctcaacctc cctgggctca ggtgatcctc ccacctcagc 120
 ctctgagta gctggtacca cagggtgtga cctggttaat tttttggtgt ttcttataga 180
 ggcaggatct ctttatgtta cccacaccgg tctcaactt ctggacttta ggaatcctcc 240
 tgccccggcc tctcaaaggg ctggacaggt gtgagccacc aggcctggcc ccaagcttgt 300

<210> 1889
 <211> 190
 <212> DNA
 <213> Homo sapiens

<400> 1889
 ccaaacttgg aggtggccgc ttccagacca tggaggagaa gaaagcattc atgggaccac 60
 tgaagaaaga ccgaattgca aaggaagaag gagcttaatg ccaggaacag attttgagc 120
 tgggtggggtc tcaataaaag tttgtttcag tggaaaataa cttttattga gacaaaaaaa 180
 aaaaaaaaaa 190

<210> 1890
 <211> 187
 <212> DNA
 <213> Homo sapiens

<400> 1890
cagcctgcgg ccaggcctttt tatttaaatgt aaatagtttt tgtttgctc cgtgggttgg 60
tcaccgtgtg catcgaccg tgctgtaaat gtggcagtcg ctgtgttggg agagccggcc 120
acgcccttgg cttagagct gtgttgaaat ccattttggt gatggctttt aacccaaact 180
cattgca 187

<210> 1891
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1891
agccaatgtg cttgcaagt tacagatctg tgtagaggaa tgtgtgtata tttacctctt 60
cgtttgctca aacatgagtg ggtatttttt tgtttggtt tttgtgtgt gttgtttttg 120
aggcgcgtct caccctgttg cccaggctgg agtgcaatgg cgcgttctct gctcactaca 180
gcaccgcgtt cccaggttga agtgattctc ttgcctcagc ctcccagta gctgggatta 240
caggtgccca ccaccgcgc cagctaattt ttaattttt agtggagaca gggttttacc 300

<210> 1892
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1892
ggaaccccca ccattaagct aaagtaaaac ccttttgagg gaagagggag actggggaga 60
agggaaaaga gagaaggcag ggagagtagg gagagaaaac cttccagcag ccagtaaac 120
tgcgggcgaa gagatctacc cgtctccctc cctcccacag ttaccattgg ccttgctatc 180
gcaagcattt gacaaagact tgcttgtctt gggcctgtca cctcctgaaa ggctgcttta 240
gctgtggatg cccttgatta agggagagag cgcctaggag ctgcctgccc cagctggggt 300

<210> 1893
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1893
agaggccaga tcacacagga atgactggga ttttaggcct ggaatgtacc tttaaaatta 60
tcttattaca caccatcctt catttttctc attttcctct tttgggattc atatattaag 120
tattagggca ttaaaacaca actgtatata taaagaaaaa tataaagtaa ccacacatgc 180
tcagggaag acacaggctc agaaaatgcc tgagaagaac ttagtttcac accccaggct 240
gatcctaagc accgagacag cctacaacaa tccaaaaaac aaaaacaata aataaaaagt 300

<210> 1894
<211> 174
<212> DNA
<213> Homo sapiens

<400> 1894
ttatttgtaa ccattataag ctgcaataaa caagttaaca acaacaattg cattcatttt 60
atgtttcagg ttcaggggga ggtgtgggag gttttttaat tcgcggccgc ggcgccaatg 120
cattgggccc ggtaccagc tttgttccg ttagtgaga gaggtcagaa attg 174

<210> 1895
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1895
aaatacctca ggaaaaacga ggaggtgaag tattggattc ttctcatgat gacataaac 60
ttgaaaaaag taatattttg ctgcttgac caactgggtc aggtaaaact ctgctggcac 120

aaaccctagc	taaatgcctt	gatgtccctt	ttgctatctg	tgactgtaca	actttgactc	180
aggctggata	tgtaggcgaa	gatattgaat	ctgtgattgc	aaaactactc	caagatgcca	240
attataatgt	ggaaaaagca	caacaaggaa	ttgtctttct	ggatgaagta	gataagattg	300

<210> 1896

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1896

gtcgtgactc	ctgtacaagg	aaaataggct	tggagaagat	tggtgtcaaa	attaatgaga	60
agagtggaaa	aatacctgta	aatgatgtgg	aacagaccaa	tgtgccatat	gtctatgctg	120
ttggtgatat	tttggaggat	aagccagagc	tcaactcctgt	cgccatacag	tcaggcaagc	180
tgctagctca	gagacttttt	ggggcctctt	tagaaaagat	atatcatact	ttgttctggc	240
ctcttgaatg	gacagtagct	ggcagagaga	acaacacttg	ttacgcaaag	ataatctgca	300

<210> 1897

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1897

gcaagatccc	tccacctgtc	attatggtgc	aaaatgtgag	cttcaagtat	acaaaagatg	60
ggccttgcat	ctacaataat	ctagaatttg	gaattgacct	tgacacacga	gtggctctgg	120
tagggcccaa	tggagcaggg	aagtcaactc	ttctgaagct	gctaactgga	gagctactac	180
ccacagatgg	catgatccga	aaacactctc	atgtcaagat	agggcggttac	catcagcatt	240
tacaagagca	gctggactta	gatctctcac	ctttggagta	catgatgaag	tgctaccag	300

<210> 1898

<211> 274

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(274)

<223> n = A,T,C or G

<400> 1898

ctcggacaag	gcttttgaag	actggctgaa	tgatgacctc	ggctcctatc	aaggggcccc	60
ggggaatcgc	tacgtggggt	ttgggaacac	gccaccgcct	cagaagaaag	aagatgactt	120
cctcaacaac	gccatgtcct	ccctgtactc	gacagagtcc	gactccatct	cagaaannna	180
aaaaaaaaaa	aaaaaaaaaa	aaaaaaaaaa	aaaaaaaaaa	aaaaaaaaaa	aaaaaaaaaa	240
aaaanaaaat	ttntgaann	ananantnga	aaaa			274

<210> 1899

<211> 209

<212> DNA

<213> Homo sapiens

<400> 1899

ggggcttctt	agggccaatc	ttaccacaat	gtcacagtgg	tcaggcaggg	gcttcttagg	60
gccctgttta	ccagttgggt	cccagggcat	cattgtggaa	cccatagatg	agatactgcc	120
caccaccccc	atctcagaac	agaagggtgg	gaagccagag	ccttctgcca	tgccccagcc	180
agttcccaca	gcataacagg	ttctccttg				209

<210> 1900

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1900
 gtaaaccttc cccagtccta tcagagcaaa ctttctgggg ttgcatcccc tcagaaaccc 60
 atttggggcc caatctcaat gcacatatca gtgcgcaaag cactaaaatt ccaggcaaca 120
 ctttgtattg agagaagcca aaattttggt caggccctgg gacatctaaa gtcaccaatg 180
 taactacacc atacagatta aaccctcaca tgatcatgta agctatgcag ttaccaagc 240
 tgcattcatt agaaaacctg tacagttttt atggaaacca tccctagtca aggacacttt 300

<210> 1901
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1901
 aggacgtccg ctacttgac ttcttgggaag gcacccggga ctatgagtgg ctggaagcac 60
 tgcttatgaa tcagacgggtg atgtcaaaaa accttttctg gttcaggcac agacccagg 120
 aagcttttcg ggaagccctg cacatggaca ggtacctgtt gctgcaccca gactttctcc 180
 gatacatgaa gaacagggtt ctgagggtcta agaccctgga tgggtgccac tggaggatat 240
 accgccccac cactggggcc ctctgtctgc tcactgccct tcagctctgt gaccagggtga 300

<210> 1902
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1902
 cattagtatt tttgtgattt cattttttac acttaaatat tgattcatgt ggaattcact 60
 ttgatgcagg gtgcagtagg gctccagttt aatttttttt tagattgcta ctcagttgtt 120
 tcagtactgc ttagtgaata agccatcttt attatcttga gatgtcactt ttattatgta 180
 ctgaatttct ctgtttatgt tgggtcttta gctgtactat gtggtctctt ccattgattt 240
 gtcttttact gggctgtgtc atactgtttt taattattgt agtgttatat tttagtattt 300

<210> 1903
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1903
 atctcatatg agtgagaaag cttaccagtg cagcgaatgt gggaaagcct tccgagggca 60
 ctcggacttt tctaggcatc agagtcacca cagcagtgag aggccttata tgtgtaatga 120
 atgtggaaaa gccttcagcc agaactcgag ccttaaaaaag caccaaaagt ctacatgag 180
 tgagaagccc tatgaatgca atgaatgtgg gaaggctttt aggcggagct caaacctcat 240
 ccaacatcaa agaatccatt ctggggagaa accgtatgtg tgcagtgagt gtgggaaggc 300

<210> 1904
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1904
 cacctgtgct tgcagccagg tcaggcccag ctgcagccca ggcaggagca gtcgcctttc 60
 ccaccacag cgctggccac agggctccct gcagggtcag ggaccagacc acgcccagag 120
 gagggaggc actggcccc gccacaggac tggagacgca agaacaaaaa gaaccaagta 180
 gagagagtgg agctgcttta ttgcccttgg agcccgcgt ctcggaggct gtcttctgtc 240
 gccaaagggtc ccggaccgag tacacagtgg cagctggctt agttggtgga cggcctgggg 300

<210> 1905
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1905

ggggaaagtt	ttcagttgta	ttatagttga	ttctgactat	ttgccataac	tgtattctat	60
acacttgctg	aaaacattga	attagggaat	actgaatcat	ggctcctaag	ggaaagacag	120
ggtttaggttc	ctggaagcct	ctggtcacaa	cattttcacc	aactgatcaa	tagataacct	180
tgttttgttt	atgtttgtgt	ttagagacat	ttaatatata	ttgttgactt	actaacatcg	240
aactcatggc	caatagcact	ataacttacg	gctgaacaaa	gcttatcaag	tcttttctct	300

<210> 1906

<211> 148

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(148)

<223> n = A,T,C or G

<400> 1906

ccggettcct	catcaacctc	attgactccc	ccgggcacgt	cgacttctcc	tcggaggtga	60
ctgctgcctt	ccgagtcacc	gatggcgcat	tggtggtgga	ggacngtgtn	tnaagngcgt	120
gcnagcagan	ggatacagan	acntanca				148

<210> 1907

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1907

gcgtccttca	gatatacaat	tcaagcctct	aaataagacc	aaggagtata	cagcctgtga	60
actgatgaac	atatacaaga	ctgacaatca	cctgaaacat	tatttacata	tcattgaaaa	120
caaacccttg	tatccagtta	tctatgatag	caatggtgtc	gtcctttcaa	tgctcccat	180
catcaatggg	gatcattcca	gaataacagt	aaataactaga	aatattttta	ttgaatgcac	240
gggaactgac	tttactaagg	caaaaatagt	tcttgatatt	attgtcacca	tgttcagtga	300

<210> 1908

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1908

caaggatggg	cgcatccgag	aaggagaccg	cattatccag	attaatggga	tagaggtgca	60
gaaccgtgaa	gaggctgtgg	ctcttctaac	cagtgaagaa	aataaaaaact	tttcattgct	120
gattgcaagg	cctgaactcc	agctggatga	gggctggatg	gatgatgaca	ggaacgactt	180
tctggtgttg	gatgtcaatg	atgatttttc	tgaggaagta	accaaacaag	aagacctcat	240
gagagaggta	aacacctttg	taaagaatct	gtaaccaata	ccatgatgtt	caggctgtga	300

<210> 1909

<211> 211

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(211)

<223> n = A,T,C or G

<400> 1909

ggactcagag	cctgggaagg	aggccgctat	gcagggtagc	actgggaaca	ggagaccac	60
ctgaggctca	gccctagccc	tcagcccacc	tggggagttt	actacctggg	gacccccctt	120
gccccatgct	ccagctacaa	aacaattcaa	ttgctttttt	tttnggncca	aaataaaacc	180
tcagctagct	ctgccaatgt	caaaaaaaaa	a			211

<210> 1910
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1910
 cttgggagtc aaccataca ttaatcattt gtacagtgc cttgcagatg ctttagtgat 60
 ctttcagctc tatgagatga tccgagtgcc agtcaactgg agccatgtca acaaacctcc 120
 ttatcctgcc cttggaggga acatgaagaa ggtgaatgaa ataatggcca tggatatatt 180
 gttattgttc tgatatgaaa caaagaattt agagtttcat gaagttatac gtgctctgtc 240
 cccacaattc tgattcagac caaatgtgt taagcttaat agccttttta caagtttgct 300

<210> 1911
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1911
 gttagtaggt gcccataact tcggtggtgg agatccaaaa gtgaacaaga cagtgttctg 60
 gctgctaaat tcttcttaac tggttatgcc tggagacctt cacttggttc tgtgccagca 120
 ctgcccata acttcataga ctgtgatctt tgctaaggcc taaatgaatg aagggtgcagg 180
 accggaagca gaagacagaa agtggagacc agatgtttga agctgggtaa aggcagggat 240
 ggagcaggaa ccgaggaaca aaccttgga ctagagtctg atgcttggtc gtctgaaacc 300

<210> 1912
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1912
 gttatcaagt ttgaaaatct acaagaatta aagagactgt gtcactgggg tcccatcata 60
 gcccttggtg ttatagcaat atgttctacc atggccatga ttgactctgt gttgtggtat 120
 tggcccttac atacaactgg aggaagtgtg aatttcatca tgttgataaa ttggactgtc 180
 atgattcttt ataattactt caatgccatg tttgtcggtc cgggctttgt ccctctgggg 240
 tggaaaccgg aaatttctca ggataccatg tatctccagt attgtaaaagt ctgccaagca 300

<210> 1913
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1913
 cccctttgct tccccatga ttataagttt cctgaggcct cctgggacat gcggaattgt 60
 gactcaatta aacctgtttt ctttataaat taccagttcc ccagcagttc tttatagaag 120
 tgtgaaaaca gactaatata atcctgaagc atttcatcaa agaattgtaa caggagatga 180
 aacatggctt caccagtatg atcctgaaga aaaagcacia tcaaagcagt ggctatcaag 240
 aggaggaagt caaagcaaag cagaccagtc aagagcaaag gtaatggcaa cagttttttt 300

<210> 1914
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1914
 acccggccca cgcgggccac cagggccttc cattccaggc ccaccaggac cccgaggccc 60
 accaggagg gtttgccagg cccaccaggc ccaccaggat cgttctgtc caactcagaa 120
 accttctct ccggccccc agggccacct ggccccccag gtcccaagg agaccaaggt 180
 cccccaggcc ccaggagaca ccaaggcgag caaggcctcc caggtttctc aacctcaggg 240
 tccagttctt tcggactcaa ctttcaggga ccaccaggcc cacctggccc ccagggaccc 300

<210> 1915

<211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1915
 gtgaagaaga ataaaagaga aagaaaggaa gaacggcaga agaaaaggaa aagagaaaag 60
 aaagaactaa agttagaaaa ccaccaggaa aactcaagga atcagaagcc taagaagcgc 120
 aaaaagggac aggaggctga ccttgaggct ggtggggagg aagtcctga ggccaatggc 180
 tctgcagggg agaggagcaa gaagaagaag cagcgcaagg acagcgccag tgaggaagag 240
 gcacgcgtgg gcgcagggaa gaggaagcgg aggcaactcg aagttgaaac agattctaag 300

<210> 1916
 <211> 213
 <212> DNA
 <213> Homo sapiens

<400> 1916
 gtgatgagat ggggaaagtg ggctcaggag gtctggatct gtgatgagat ggggaaagtg 60
 ggctcaggag gtctggatct gtgatgagat ggggaaagtg ggctcaggag gtctggatct 120
 gtgatgagat ggggaaagtg gtctcaggag gtctggatct gtgatgagat gggcggaagt 180
 gggctcatga ggtctggatc tgtgatgata tgg 213

<210> 1917
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1917
 gcaggtatta tattatgaac tactagcaat tcgagaagcc tgcacagtt tggagaaaga 60
 ctatcaacct ggaataacct acattgtagt tcagaagaga catcacactc gattattttg 120
 tgctgatagg acagaaaggg ttggaagaag tggcaatatc ccagctggaa caacagttga 180
 tacagacatt acacaccat atgagttcga tttttacctc tgtagccatg ctggaatata 240
 ggggtaccagt cgtccttcac actatcatgt tttatgggat gataactgct ttactgcaga 300

<210> 1918
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1918
 agggattggt gaagaaactt ctgaagaggg aaactctgta cctgcttcac aaagtgttgc 60
 tgctttgacc agtaagagaa gcttagtcct tatgccagag agttctgcag aagaaatcac 120
 tgtttgcct gagaccagc taagttctc tgaaactttt gaccttgaaa gagaagtctc 180
 tccaggtagc agagatatct tggatggagt cagaataata atggcagata aggaggttgg 240
 taacaaggaa gatgctgaga aggaagtagc tatttctacc ttctcatcca gtaaccaggt 300

<210> 1919
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1919
 cttccttgta taactgat cattctattt tagcggtaag aacccaagaa ggagtatgga 60
 tacttgtaaa gctttctggg ccttggaag cctctccttc tgtgcatatt attactgaaa 120
 ttcttcaaaa gattctgaga tgctctcagt gtttcattgc tactttaatt ttaatcatta 180
 tgggattgat tgctgtcaca gctactgccg cggcagctgg agttgctttg catttcacag 240
 tacaacacgc agactatgta aataattggc agaaaaattc tactttgctg tggaattccc 300

<210> 1920
 <211> 262
 <212> DNA

<213> Homo sapiens

<400> 1920

cccaggctct	ggggcagcgc	aggaggggta	ggctgggagg	ggctgccgca	gctgttcact	60
tgggcaggag	gccgctatgc	agggtagcac	tgggaacagg	agaccacact	gaggctcagc	120
cctagccctc	agcccacctg	gggagtttac	tacctgggga	cccccttgc	ccatgcctcc	180
agctacaaaa	caattcaatt	gctttttttt	tttggcccaa	aataaaacct	cagttagttt	240
tgccaaaaaa	aaaaaaaaaa	aa				262

<210> 1921

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1921

ttgagacgga	gtttcaccat	gttggccagg	atggtcttca	acttctaact	tcgtgatcca	60
cgctgctggg	attacagggtg	tgagccaccg	cgtgtggcct	ctgggcacct	tttgaagctg	120
aagcagagag	agaaggcggc	aggcatcagc	gttttcttct	atgaacttat	aagatcaaag	180
actttaagac	tttactatt	tcttctaccg	ctatctacta	cgaacttcaa	agaggaacca	240
ggagtacgga	aggagcatga	aagtggacaa	ggaacgtgac	cattgaagca	ccacagggag	300

<210> 1922

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1922

gggggacacg	ttggtcgcgt	tttcggcggg	cttcccgggt	acaaaaatgg	ctgtggctag	60
cgatttctac	ctgcgctact	acgtagggca	caagggcaag	tttgggcacg	agtttctgga	120
gttcgaattt	cggccggacg	gtgtttacgt	gtaattgttc	accataggac	gcatgaagag	180
taccaagcaa	gaggggagag	gaaagcttag	atatgccaac	aacagcaatt	acaaaaatga	240
tgtgatgatc	agaaaagagg	cttatgtgca	caagagtgtg	atggaagaac	tgaagagaat	300

<210> 1923

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1923

ctccatttcc	cggaaggagg	agacagttac	tgtctatccc	gcagacgtgg	tgctctttga	60
agggatcctg	gggcagaatg	aggtggacta	tcgccagaag	caggtgggtca	tcctgagcca	120
ggatagcttc	taccgtgtcc	ttacctcgga	gcagaaggcc	aaagccctga	agggccagtt	180
caactttgac	cacccggtatg	cctttgacaa	tgaactcatt	ctcaaaacac	tcaaagaaat	240
cactgaaggg	aaaacagtcc	agatccccgt	gtatgacttt	gtctcccatt	cccaggaggt	300

<210> 1924

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1924

ctgggctcat	gcaatccacc	tgctttggcc	tccaaagtgc	cgggattgca	ggcataagcc	60
actgtacccg	gccccaaacta	atttttgtat	tttttgtata	gatgggggtt	caccatgtcg	120
gtcaggcttg	tcttgaaactc	ctgagctgaa	gcaatccacc	cgccttacc	tcccaaaggt	180
gctcatatta	caggcttgag	gcaactgtcc	tggccatggg	tgccatctat	ctaaagagtg	240
atgaacttgg	tgttaaacca	gtaattgaaa	tcaccaagtt	cctaccatca	tgagctcagt	300

<210> 1925

<211> 270

<212> DNA

<213> Homo sapiens


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<220>
<221> misc_feature
<222> (1)...(270)
<223> n = A,T,C or G

<400> 1925
ccccagtgtc ctctctcttc tccggccaga cccagccccg cgaagatggt ggaccgcgag      60
caactggtgc agaaagcccc gctggccgag caggcgagc gctacgacga catggccgng      120
gncatgaaga acgtgacaga gctgantgat ccnntgtcna angaggaacc gaaacctnt      180
gnntngagga ctnnngtaac gntgtgnggt tnnngctgnnt nttnttnaa ttttatgtgn      240
nggnctgtnt nnanngtnc ttttttagt      270

<210> 1926
<211> 188
<212> DNA
<213> Homo sapiens

<400> 1926
acagcttcca cgcttctgtc cacttctggt tgccaggaga cagcaagcaa agccagcagg      60
acatgaagtt gctattaaat ggacttcgtg atttttgttt tgcactaaag tttctgtgat      120
ttaacaataa aattctgtta gccagaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa      180
aaaaaac      188

<210> 1927
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1927
ggtagacatg cacgttgtca ggggaagaga tggctgtgaa tattctcttg gactgacccc      60
gacaggcata ttaatctttg aaggagctaa caaataggc ttattctttt ggccataaat      120
taccaaatg gatttttaaa agagcaaatt gacactcgtg gtggtcgagg atgatgatca      180
gggacgtgag caagagcaca cgtttgtgtt ccggttagac agtgccagga cctgcaaaca      240
cctttggaag tgtgcagtgt agcaccacgc attcttccga ctgcggaacg caggaaacag      300

<210> 1928
<211> 284
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(284)
<223> n = A,T,C or G

<400> 1928
aaattgtctg ccattacacc agaaggatgc ctctgatagg aggacaacca tgcaaattgt      60
gaaatagtcc tgaagttctt ggattacttt acacctcagt attgatttgt ccagaattt      120
tctggccttt catggcaatg aaaattttaa gaagaaagat ttaaagtatt ttaattttaa      180
agagtgtgtt ataaaaataat gtactgaatt ctttatcccc ttttatcatc ctttcagttt      240
ttattaatct actgtatcat aaattctgta antngatgng agga      284

<210> 1929
<211> 291
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(291)

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<223> n = A,T,C or G

<400> 1929

ctcagagtttt	ggatttggag	agaaatattt	taatttttaa	atgcagttac	aaattataat	60
gtattcatat	ttgtactttc	tgttaaaatg	catgattgca	gaattgttta	gattttgtgt	120
ttattcttga	tgaaaagctt	tgtttgttct	tgtttttaag	tttgactca	aatcttaaga	180
aataaatcca	cccatgttat	caaaaaaaaa	aaaaaaaaan	ttnnnccttn	aaaannaann	240
ggngnncnan	naccnaaac	ccnnmcnnna	aaaaancctt	ggannatttg	g	291

<210> 1930

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1930

gctcagtgtt	gtaattccct	attctagcac	tctcaaaaagt	accccatctg	ttacacatgc	60
agaaactgca	gcagcatctg	aaatgtccac	ttcttgattc	attctgaact	cccttaagcc	120
cagtgtttgt	tagttctcgt	tcaagtctag	gaactctgcc	gagtaacagg	tatctcaatt	180
ttgccatcct	ttctttctgc	atagacagga	gtgttcttaa	atcttctcct	gtaaagcaag	240
tcattctctga	tttccctgag	gatcattgct	cccgtatact	gttggtgggg	tgagccttct	300

<210> 1931

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1931

cccactgccc	catcagtatg	ggcatgaacc	tcaactgctgc	caccccgatg	aaatgctttt	60
gccagcaccc	cacatcagag	tgatcttgcc	agcagactgg	gaacatctca	ggccctcgag	120
cacagcaggt	gcttaaattt	gaggtcccag	ataacaaagc	cgtgggtctg	gtaccaggcc	180
ctgtgggtta	gagcatgcag	cccacgagtg	ctgagagagc	cttggccccc	tgaaataatc	240
caaaaacaaa	gccagtcatc	tgaacacaac	ttataccata	gtcaaacctt	caatggcatc	300

<210> 1932

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1932

attctctctc	cataccaccc	cccaaaaatt	ttcgccgctc	caacacttca	acactatttt	60
ggtttatttg	tcttattaat	atcagaaggc	aggaatgtca	ggcctctgag	cccaggccag	120
gccatcgcat	ccctgtgac	ttgcacgtat	acatccagat	ggcctgaagt	aactgaagat	180
ccacaaaaga	agtaaaaaca	gccttaactg	atgacattcc	accattgtga	tttgttcctg	240
cccacccta	actgatcaat	gtactttgta	atctcccca	cccttaagaa	ggttctttgt	300

<210> 1933

<211> 208

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(208)

<223> n = A,T,C or G

<400> 1933

gctggtgtta	gggttctttg	tttttggggt	ttggcagaga	tgtgtttaag	tgctgtggcc	60
agaagcgggg	ggaggggggt	tggtggaaat	tttttgttat	gatgtctgtg	tggaaagcgg	120
ctgtgcagac	attcaattgt	tattaaaaaa	aaaaaaaaaa	aaaaaaaaaa	aaaaaaaaaa	180
aaaaaaaaaa	aaaaaaaaaa	cccccccc				208

<210> 1934
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1934
 ccagcatggt ggatgatgtc ttctacattg ttaagaagag cattgggagg gctctgtcca 60
 gctccagcat tgactgtctc tgtgccatga tcaacctcgc caccacagag ctggagtctg 120
 acttcaggga tgttctgtgt aataagctgc ggatgggctt tcctgccacc accttccagg 180
 acatccagcg cggggtgaca agtgccgaga acatcatgca cagcagcctc cagcaaggca 240
 aatttgacac aaaaggcatc gagagtactg acgaggcgaa gatgtccttc ctggagactc 300

<210> 1935
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1935
 aattccaatt ccacattttc aagaaataag gaggcacaaa tggtcatata tgaattggaa 60
 ttatttgttt tcttattagg ccgagatgag ccgcgtgcgg ctgctggaga tggcggacgc 120
 gatggatatg ttctgccaaag ggttggtttg cgcattcaca gttctccgca agaattgatt 180
 ggctccaatt cttggagtgg tgaagaaaga aaaaagttga actagatttg gtctgatgca 240
 gttacagatt tacaaaactgt gccccaccc tcctgcagac accttccact cctcattctt 300

<210> 1936
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1936
 cccagcccta gatactggca ctactgagga ggatcgttta aaaattgatg taattgactg 60
 gttggatatt gacccagcgc agagggcaga agcactgaaa caaggcaatg caattatgag 120
 aaaattcttg gcatcaaaaa agcacgaagc tgcaaaagaa gtatttgtga aaattcctca 180
 ggattctata gcagaaatct ataatcagtg cgaggaacaa ggaatggaaa gtccacttcc 240
 tgctgaagat gataatgcta tccgagaaca tttgtgcatc agagcttatt tggaagccca 300

<210> 1937
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1937
 ggtacccagt aggtatcggt ggaaacaacg gagttctctt ttctgaatct gcaaaaaagg 60
 gtactcactt tgtccagtta tgctgccaaa gaaatattcc tctgctgttc cttcaaaaca 120
 ttactggatt tatggttggg agagagtatg aagctgaagg aattgccaaag gatgggtgcca 180
 agatgggtggc cgctgtggcc tgtgccaaag tgcctaagat aaccctcatc attgggggct 240
 cctatggagc cggaaactat gggatgtgtg gcagagcgta tagcccaaga tttctctaca 300

<210> 1938
 <211> 149
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(149)
 <223> n = A,T,C or G

<400> 1938
 gcgagtcgta gtgtcgctgt ttgcgggtct ccgcgcggga ccggggcgca gcggggctgc 60
 tgaggcgagg gtgtcatgtc agacaacgag gacaattttg atggcgacga ctttcatgat 120

ntggagnagg atnangntct atatgactt

149

<210> 1939

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1939

gatgaggagt	gtttaatcat	tgatacagaa	tgtaaaaata	atagtgatgg	aaagacagct	60
gttgagggtt	ctaacttaag	ttccagacca	gctagtccaa	attcttcctc	aggacaggct	120
tctgtaggaa	accagactaa	tactgcttgt	agtcctgaag	agtcattgtg	tttaaaaaaa	180
cctatcaaac	gagtatataa	aaaatttgat	ccagttggag	agatttttaa	aatgcaggat	240
gagctcttaa	agccaatttc	cagaaaagta	ccagaattgc	ccttaatgaa	tttagaaaat	300

<210> 1940

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1940

ggggcttatt	tcattccctac	agtctcgacc	atagaagaca	gctacaccca	agggggccat	60
tttagaggcc	caccctcagg	ggcacattct	ctttctcagg	gatgttcctt	gctgagaaaa	120
agaattcggc	gatatttctc	ccatttgctt	ttgaaagaag	agaaatatgg	ctctgttccg	180
cctggctcac	cggcggtcag	agtttaaggt	tatctctctt	attccctgaa	cattgctggt	240
atctctgtt	tttttcaagg	tgcttagatt	tcatattggt	taaacacaca	tgctctacaa	300

<210> 1941

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1941

gcagcttgaa	ggaaaagactt	ttaaaggtag	atgatgaaga	aaaccaaatt	aaataattgg	60
ttaggtacag	ttcatagtta	cttgatttgt	acaattaagg	tggacatttc	ctggttatgt	120
aatcagaggt	taattggcag	tttatgattg	gttaagccta	aatttttggt	tcctcaatt	180
cagtaatttg	caaaaaaatg	catttgagtt	agagttttta	aaaaatagga	acccaggagc	240
tagagtaacc	tccgtctaatt	tgcttgctac	ttagttattt	tcacactcca	caggggactg	300

<210> 1942

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1942

gggagggcac	acctggggga	cagcagcggc	gggagtgtgg	tccgactggc	ctggaagatc	60
ttgggcagag	ctgacctcag	agaacagtgc	gggtctctcg	ccctcctggg	gcagtcccca	120
ggacgaggtg	ccaggtgcct	ggcccatgtt	gcagggggcc	gtggagccca	tgcatatcga	180
cgtggacccc	caggaagacc	cgcagaatgc	acctgacgtc	aactacgtgg	tgagagaacc	240
cagcctggat	ctggaacagt	acgcggccag	ctacagcggc	ctggccactg	ggtgccaccc	300

<210> 1943

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1943

gcatatgctt	gtctcaaaga	ttaagccatg	catgtctaa	tacgcagggc	ctgagtctct	60
gccctcgtgg	gcgttgagtg	acactgattc	tcgcgtgtct	ccggcctctc	cggcaggagg	120
tcctagcgca	gactttgcgg	ttcatggaga	gtctctggga	gacaggcacc	tgccggacgt	180
gcagataagt	tacgacgcac	tgaaagatga	aaattctaa	ctgagaagaa	agctgaatga	240
ggttcagagc	ttctctgaag	ctcaaacaga	aatggtgagg	acgcttgagc	ggaagttaga	300

<210> 1944
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1944
 aaacaacgga gttctctttt ctgaatctgc aaaaaagggt actcactttg tccagttatg 60
 ctgccaaaga aatattcctc tgctgttcct tcaaaacatt actggattta tgggtggtag 120
 agagtatgaa gctgaaggaa ttgccaaaga tggtgccaag atgggtggccg ctgtggcctg 180
 tgcccaagtg cctaagataa ccctcatcat tgggggctcc tatggagccg gaaactatgg 240
 gatgtgtggc agagcgtata gcccaagatt tctctacatt tggccaaatg ctcgtatctc 300

<210> 1945
 <211> 230
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(230)
 <223> n = A,T,C or G

<400> 1945
 gtcaacctct accacgtgcg ggaggatggc tggatccgag tctccagtga caatgtggct 60
 gatctacatg agaagtatat tggctctacc ccctgaaaga ggggtggatgc agntgcttgt 120
 gntncatggg gtgactgtca atcggtatnt actgnanacn tatgactnna ctccctncatc 180
 cctantanta gcgtanatnn gtnnttttag gatctatttn tngttgntnt 230

<210> 1946
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1946
 gcatattgtg gagaggcaca gttcaggagg aatagggttc gtcttgaaga ggaggacact 60
 ttctctgtgaa tcatgaggga cagaagatcc atatagaaga agacaatagc tttgatcttc 120
 tattacaaga aaaggaatgc cagtgtgaaga gatggcatga tatggaagtg tattcctttt 180
 caggcctgca gagtgtccct cccttggctc cagaacgaag atccacactt gaggactact 240
 ctcagtcgct gcacgccaga actctgtctg gctctccccg atcctgttct gagcaagctc 300

<210> 1947
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1947
 ttcaaâctg ccaactcccag agcccgtgga actctggccc aaggctctct gactgactcc 60
 ttcttggctt agcggctgaa gactgacact gcccgatcgc ctcaaaaacc ccgtagacca 120
 tcacggacgc cgagcttttag ttaactctca cagtggagga aggcaggaat gtcaggcctc 180
 tgaacccaag ccaagccatc acatcccctg tgacttgac gtatgcacgt atgcacctag 240
 atggcctgaa gttactgaag aatcaçaaaa gaagtgaâaa ggccctgccc cgccttaact 300

<210> 1948
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1948
 agtcaatgtc aattcctcaa agcagtctgg ttatatctga aaatacatga ttctagtcaa 60
 agccttgggt aaataaccag tgtttccaat tgtgtcctgt tacaaaacaa aacagattct 120

tactgaat	ttt	atgcaa	acaa	ctacatt	gcc	ataaag	taag	aatact	catg	aaaag	tttcc	180
aaattct	gga	gaactc	aggt	agagggg	gaga	agtaa	at	gtcaca	aaaa	gtatc	cttta	240
caatcag	agt	agcagt	cttc	caaacag	gat	gttgccc	gtt	catcat	ggaa	cggcc	atcca	300

<210> 1949

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1949

atcaa	acact	acctga	aaatt	attggc	atgt	ggacccc	ggc	tcagaa	aacac	tgacata	aaag	60
acttaa	atgt	aatggg	at	gttttc	aaaa	gatttg	actt	ttctct	gtaa	aaaac	acagc	120
aacaag	gcaa	cagga	aatat	taccaa	agtt	tcccaa	aggc	ttgtat	tagga	tttgaaa	aaag	180
ttgggg	gaag	aattta	accc	taaaag	ctta	actgat	tttc	aaacac	ctgc	aaatac	ataa	240
ttacag	atcc	tgtga	agctt	aacctt	gggtg	gtgttaa	atg	ttagct	tagaa	gtgcaca	aagg	300

<210> 1950

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1950

gtata	ctttg	acactg	agaa	caaag	agaca	gttat	atctg	gaatggg	gaga	attacac	ctg	60
gaaat	ctatg	ctcaga	ggct	ggaa	agag	tatgg	ctgtc	cttgtat	cac	aggaa	agcca	120
aaagt	tgct	ttcaga	gagac	cattact	gcc	cctgt	ccccg	ttgact	ttac	acataa	aaaaa	180
caatc	aggtg	gtgcag	gcc	gtatg	gaaaa	gtaata	gggtg	tccctg	gagcc	tctgg	accca	240
gaggac	taca	ctaaat	tgga	at	tttcag	at	tttcag	gaaac	attcg	gatcaa	aatat	300

<210> 1951

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1951

ccggc	atgtc	tttct	ccccg	aagag	ctata	ggctg	acctc	agatg	ctgag	aaatcc	aggg	60
tcacag	gcat	tgggc	caggag	aagct	gctga	atgact	acct	gaacc	gcac	ttttc	ctctt	120
ctgaac	atgc	accccc	cagca	gccacc	cagca	ggaa	accct	gaact	tccag	aacct	gccag	180
aacatt	tgga	ccagtt	gcta	caggt	ggaca	atgag	gagga	ggaa	agccag	ggacag	ggttg	240
aaggg	cggct	tggcc	catcc	actga	ggg	cc	acac	aggcg	gcttt	gaggg	gcttc	300

<210> 1952

<211> 298

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(298)

<223> n = A,T,C or G

<400> 1952

gtgcg	cttnt	atgtnt	ctcat	agacnt	ttttt	ttnaat	ccct	tttaanc	cacc	tactat	gntc	60
ttgnnt	gcng	gacng	ntcg	gntct	ntcca	tgngaca	aacn	ctcncc	acac	gccaa	ccccg	120
ttcanna	acg	cccta	anggg	gaact	tanng	gggtg	aatcc	cctgc	acag	acccc	gnacc	180
tggnag	gga	cttga	aggan	gtgct	gcntt	ctgang	ctgg	catcna	actc	atcatc	nagg	240
actac	atcan	gccc	nagaan	cataat	tagga	ancct	ggntc	gcngc	gganc	cncat	caa	298

<210> 1953

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1953
ggccatcctg gccatccaca aggaggccca gaggatcgct gagagcaacc acatcaagct 60
gtcgggcagc aacccctaca ccaccgtcac cccgcaaadc atcaactcca agtgggagaa 120
ggtgcagcag ctggtgccaa aagcctctag aactatagtg agtcgtatta cgtagatcca 180
gacatgataa gatacattga tgagtttgga caaaccacaa ctagaatgca gtgaaaaaaa 240
tgctttattt gtgaaatttg tgatgctatt gctttatttg taaccattat aagctgcaat 300

<210> 1954
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1954
cccgcctgcg cccaggtgaa atacacagcc atgttgctca cacaaagcct gtttggtggg 60
ctcttcacac gggcacgtat gcaatttggt gccgtgactc ggatcggggg acctcccttg 120
ggagatcaat cccctgtcct cctgctcttt gctccgtggg aaagatccac ctatgacctc 180
aggtcctcag accgaccagc ccaagaaaca tctcaccaat ttcaaattccg aaggcaggaa 240
tgtcaggcct ctgagcccag gccaggccat cgcacccgt gacttgcacg catacatcca 300

<210> 1955
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1955
agcaagtcag caaatgtggg agatggaaaa ctggcttctc ccaccacct aggttctttg 60
gctgggctac aaattaaatg gacataaaat agattaacag gagaaaaaac acagtaatta 120
tgtgtatatg cctgggagtc ccacaaaata tgagactcaa aagaagggtc cgaagaggga 180
agcttatata gccccctgag ccacagaaag gaataggac ctggggcttc tgggggtgg 240
tggagacaag ttatggaaga gtgaggggag gaagtgtag gtgagtaaat gtggtcttgt 300

<210> 1956
<211> 202
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(202)
<223> n = A,T,C or G

<400> 1956
ccccagtgc ctcttcttc tccggccaga cccagcccg cgaagatggt ggaccgcgag 60
caactggtgc agaaagcccg gctggccgag caggcggagc gctacgacga catggccgtg 120
gccatgaaga acgtgacaga gctgaatgag ccaactgtcga atgaggaacc gaatccttct 180
gtctgtggcc tacaanacg tt 202

<210> 1957
<211> 218
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(218)
<223> n = A,T,C or G

<400> 1957
ggcagctcca agtggaaatcc acgtgcagct tctagtctgg gaaagtcacc caacctagca 60
gttgtcatgt gggtaacctc aggcacctct aagcctgtcc tggaagaagg accagcagcc 120

cctccagaac	tctgcccagg	acagcaggtg	cctgctggct	ctgggttttg	aagttgggg	180
gggtaagggg	ngactgngct	acnncatann	ntttttat			218

<210> 1958
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1958						
ggtatgtgta	gcggcagtg	ccgcccggcg	agcagtctga	gcccgcacgat	gaggccgggg	60
acgggagctg	agcgtggagg	cctcatgggt	agtgaaatgg	agagccatcc	tccctcgcag	120
ggtcctgggg	acggggagcg	gagattgtcc	ggctcaagcc	tctgctccgg	ctcttgggtc	180
tctgctgacg	gcttcctgag	gagacggccc	tcggtaaggg	atcagtgggg	cagggggaag	240
gcggcacatt	gaaaaacgga	gtgagaaaca	ggaagctttc	tccgaaagga	gaagaagata	300

<210> 1959
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

<400> 1959						
ccggaacaag	gaccaggagg	tgaacttcca	ggagtatgtc	accttcctgg	gggccttggc	60
tttgatctac	aatgaagccc	tcaagggtct	aaaataaata	gggaagatgg	agacaccctc	120
tgggggtcct	ctctgagtca	aatccaatgg	tgggtaattg	tacaataaat	tttttttgga	180
cagatnnaaa	agaaacaaaa	cttgctttac	agatnctgaa	aggcctgnaa	caaggccngg	240
naattngggg	antccgtcct	gcattgngca	ngatgctcag	cggcatccct	ggnccaccac	300

<210> 1960
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1960						
agggggcggg	cccgtacgcc	gattccatat	gggcgcggcg	gcggagcgcc	gcggggcagc	60
gcggggtcgc	catggctgag	ctgcagcagc	tccgggtgca	ggaggcggtg	gagtccatgg	120
tgaagagtct	ggaaagagag	aacatccgga	agatgcaggg	tctcatgttc	cggtgcagcg	180
ccagctgttg	tgaggacagc	caggcctcca	tgaagcaggt	gcaccagtgc	atcgagcgct	240
gccatgtgcc	tctgggtcaa	gcccaggctt	tggtcaccag	tgagctggag	aagttccagg	300

<210> 1961
 <211> 208
 <212> DNA
 <213> Homo sapiens

<400> 1961						
caggggcgta	ggcagccatg	gcgcccagcc	ggaatggcat	ggtcttgaag	ccccacttcc	60
acaaggactg	gcagcggcgc	gtggccacgt	ggttcaacca	gccggcccgg	aagatccgca	120
gacgtaaggc	ccggcaagcc	aaggcgcgcc	gcacgcgtcc	gcgcccgcgc	tcgggtccca	180
tccggcccat	ttgcgtcatt	gcccagct				208

<210> 1962
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

<400> 1962
 agaaagattt tctttattaa tgacccaac cgtatttctt tagatacagg agttttgaac 60
 ttccataatt aggagaaaac cgttatgact gcattatcct gcaactctta cccgtaatat 120
 attgcaaagc gaaacagctt ggaaaagagg gtgggagaaa aggggaagtga gggaggggaag 180
 ataaagaaaa ggaatttaagt tgatcaagtg gaattctttt ttttttttaa attntnggna 240
 nctntnaagn ttttgnannc ccanntngtt nnnngcaaen ntttnccaan cgnntccaaa 300

<210> 1963
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1963
 aggagaagga gaaagcacat gaaggagcaa gacccatgag agccatcttc ctggccgatg 60
 gcaatgtctt caccactggg ttcagccgca tgagcgagcg gcagctggct ctctggaatc 120
 cgaaaaatat gcaggaacca attgctcttc atgagatgga cactagcaat ggggtgttgc 180
 tgcttttcta tgacctgac accagcatca tttacttatg tggaaagggt gacagcagta 240
 ttcgctattt tgagatcacg gatgaatccc cgtacgtcca ctacctcaac acattcagca 300

<210> 1964
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1964
 gagaactagt caataaggaa caggatcaac ggccactcca cccagtggca aatccacatg 60
 cagaaatctc caccaagggt ccagcctcca aagtgaagaa cgccgtggaa cagcaagggg 120
 aggtgaagaa gaataaaaga gaaagaaagg aagaacggca gaagaaaagg aaaagagaaa 180
 agaaagaact aaagttagaa aaccaccagg aaaactcaag gaatcagaag cctaagaagc 240
 gcaaaaaggg acaggagggt gaccttgagg ctggtgggga ggaagtcctt gaggccaatg 300

<210> 1965
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1965
 acaggttccc atagctacag aggtgctttt caaacttaca cagggaagtg tgacctttta 60
 agatgtggcc gtgtacttct cctgggagga atgggatctc cttgatgagg ctcagaaaca 120
 cctgtacttc gatgtgatgc tggagaactt tgcacttacg tctccctgg gttgttggtg 180
 tggagtggaa catgaggaaa caccttctga acagagaatt tctggagaaa gagtgccaca 240
 gttcaggact tccaaagaag gttcatcttc ccagaatgcc gactcctgtg aaatatgttg 300

<210> 1966
 <211> 216
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(216)
 <223> n = A,T,C or G

<400> 1966
 ggagaacggg gctgaggagg aagaagaaga aactgccgag gatggagagg aggaagatga 60
 aggggaagaa gaagatgagg aagaagaaga agaggatgat gaagggcccg cgctgatgag 120
 agctgccgaa gaggaggatg aagcggatcc caaacggcan aanacagaan atggggcntc 180

ggngngagcc cctgncaana ggctgncgnt gggagg

216

<210> 1967

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1967

taggcgtgcc	taatgggagg	tctatataag	caatgctcgt	ttagggaacc	gccatthttgc	60
ctggggacgt	cggagcaagc	ttgatttagg	tgacactata	gaatacaagc	tacttggtct	120
ttttgcagga	tcccatcgat	tcgaattcgg	cacgagacca	ttttattttt	tgggccatta	180
ccccataccc	cttattgctg	ccaaaaccac	atgggctggg	ggccagggtc	ggatggacag	240
acacctcccc	ctacctatat	ccctcccgtg	tgtggttggg	aaacctttgt	tttttggggt	300

<210> 1968

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1968

gcctcagagt	ctctgatcaa	gcagattcca	cgaatcctcg	gccaggttt	aaataaggca	60
ggaaagtcc	cttccctgct	cacacacaac	gaaaacatgg	tgcccaaagt	ggatgagggtg	120
aagtccacaa	tcaagttcca	aatgaagaag	gtgagtgggt	ctggcgggtt	gctatgggtg	180
aagggtgttg	cagggtctaa	atcttatcca	agtctctaaa	tatgccagta	agagcaccca	240
ccaggattga	aacttttggg	gtaaccctgg	tcttggtccg	ggtccaagta	cctgctcacc	300

<210> 1969

<211> 279

<212> DNA

<213> Homo sapiens

<400> 1969

gtagagacgg	ggtttcacca	tggtggccag	gatggtctca	atctcttgac	ctcgtgatct	60
gcctgccttg	gcctcccaaa	gtgctgggat	tacagggtgtg	agccaccacg	cctggccggc	120
ttatttttat	ccacagttaa	tcttcagcaa	ctcattgtct	ccaccagata	gtatttttct	180
gtaaatgaaa	tgctgacttc	gcctcttcct	gctgtatgct	catccctgca	ctgagcacag	240
atatgacaag	cagtagccat	gggggagggtg	tgggaaagt			279

<210> 1970

<211> 206

<212> DNA

<213> Homo sapiens

<400> 1970

ggagacttaa	ttttccaaac	agtaagcctt	gaaaaaagaa	gccaagtaaa	tttgthtttc	60
aaaattgtat	aaaaaatcta	taaaattttc	atcttgacca	taatatataa	gtttcataag	120
ccttttataa	cctttataac	ctttattaag	gagtcagtta	gtgcttcaag	aaaaccttgt	180
taatctgaca	caggggccca	tttgcg				206

<210> 1971

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1971

caggagcctg	ccagaagccc	atggggggcc	aggccgggtg	gcttctatth	tattthttta	60
gagatggggt	cttgctgtgt	tgcccaggct	ggtctcggac	tcctgggtc	aagcagtcct	120
ccctcctcgg	cctcccaaag	ttctggggct	acagggtgtg	gccacttctg	cccagcatcc	180
caggcctgaa	cagccttggc	aggacctgtc	cctagagggtg	gctctggtgc	ctcccttagg	240
tgggccttga	gctggtthtt	aaccaaacad	ccttccaaac	tctgtctgcg	acctgcttcc	300

<210> 1972
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1972
 catgttggca tctgcccctc ctcaagagca aaagcaaagt ttgggtgaac ggctgtttcc 60
 tcttattcaa gccatgcacc ctactcttgc tggtaaaatc actggcatgt tgttggagat 120
 tgataattca gaacttcttc atatgctcga gcctctagaa ctatagttag tctgtattacg 180
 tagatccaga catgataaga tacattgatg agtttggaca aaccacaact agaatgcagt 240
 gaaaaaaatg ctttatttgt gaaatttgtg atgctattgc tttatttgta accattataa 300

<210> 1973
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1973
 gaaatatact tccttaaagt atggacattc ctaaattccat ctaggaatgt tggatgtatc 60
 tatctatcta tctatctatc tatctactgt attaagcccc ttctcaaaat tgtagtttca 120
 gaagtattgt ttgataattc ataatacaagt tctttttctt tatgcccaga agtctgtatt 180
 ctgcacagac ttgcataccc ctagctgcgc taaagtccag aagtttgagc tgccactgaa 240
 gtattgactg tggagaggcg gggttttctg tctccaatga ggtgcctttg gtgtcgggaa 300

<210> 1974
 <211> 181
 <212> DNA
 <213> Homo sapiens

<400> 1974
 gttgagtgc atggctctct tcattctgca aagagggcag cagggaggaa atgagtgaat 60
 ccaggagtgg cccccctcca cgaggacct ttccagcaca gggtttgatc tgtgtgtatc 120
 acaggggaga tgggagccat ggaaggttct tgagcaagat ggggggtggg gtggggccca 180
 c 181

<210> 1975
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1975
 gcagtctcct gagccagagt gtgctcagac agagtccagc tgggtggaaag ggacttatgg 60
 agagaaaaag aaaagcgatg tagaaaaatt gaaaagaggt acagaaacag ctggattggt 120
 tacagctcgg tgtttgcctt attttgaaca gggtttgaa agttggccac ctttgggtgc 180
 tcaaaaacttg gtgattggca caagagtagg ttacagtctg ttgacacatc catttaggtt 240
 gcagttcact gtgtacagag aaaccttag gctgaactta aaacgtgtaa ggagacagct 300

<210> 1976
 <211> 189
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (189)
 <223> n = A,T,C or G

<400> 1976
 gtgggttagg ggagccgcat tcgcaaccac aagtaccgca gcctcaacga cctagagaag 60
 gacgtcatgc tcctgtgccga gaacgcacag accttcaacc tggagggcct cctgatctat 120
 gaagactcca tcgtcttgca gtcggtcttn accagnttgc ggnntaaaat ntagaaggan 180

gatgacagt

189

<210> 1977

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1977

gtaagacatc	agaaagtata	tgtgagatca	ataataattc	cgaacatgga	gccaaaaaca	60
tgtttgctat	atctaaacaa	ggaagtaatt	tggtacaatc	aaagcatttg	aatccaggca	120
gcatttcagt	gcagacatct	ttgacaaata	gctcacaaat	agataagcca	atgaagatgg	180
agaaagggga	aatgtatgga	aattctccaa	gatttttagg	tgccacaaat	ttgactatgt	240
attctaagat	ctcaaactgt	cagataaata	atctgcatgt	gtcttatact	aacactgatg	300

<210> 1978

<211> 244

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(244)

<223> n = A,T,C or G

<400> 1978

ggggactctg	ccactctacc	cccagcccta	cccaccagcc	cccagggtgag	gcttccagct	60
gggacctgcc	cagacaggct	gagcctgggc	gtggtgggtg	gggtgatgnc	tctggngagc	120
ggctgtcatn	ctacaaacnn	caccnnntnc	tttgagctnt	nantatggna	cccagtgnct	180
tnntntgnan	nacanggnga	anntgccnnt	cgnnnaccnn	catncnggga	nnnccccntt	240
tttg						244

<210> 1979

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1979

aatcataatg	gggaaggcca	tccagcctcg	cgtcgcgaac	gccagcaaga	cgtagcccag	60
cgctcggcc	gccatgccgg	cgataatggc	ctgcttctcg	ccgaaacggt	tggtggcggg	120
accagtgcg	aaggctgag	cgagggcgtg	caagcgctca	ccgcatcgtg	gcacctggca	180
agggcatcct	ggctgcagat	gagtcactg	ggagcattgc	caagcggctg	cagtccattg	240
gcaccgagaa	caccgaggag	aaccggcgct	tctaccgcca	gctgctgctg	acagctgacg	300

<210> 1980

<211> 187

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(187)

<223> n = A,T,C or G

<400> 1980

atgataatga	aagactctcg	aaagttgaaa	aagctagaca	gctaagagaa	caagtgaatg	60
acctcttttag	tcggaattt	ggtgaagcta	ttggtatggg	ttttcctgtg	aaagttccct	120
acaggaaaat	cacaattaac	cctggctgtg	tgngngntga	nggntngctn	cctgnnctgn	180
nnacng						187

<210> 1981

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1981

ctttctctgg	cagtgattcc	tgaagggaaa	atcatgaaca	acacctacta	ccaggaatgc	60
ctcttctacc	tgcacaacta	tagcaccaac	ctggccatca	tcagcttcta	cgtgaggcac	120
agctgcctgc	gggaagctct	tctgcacctt	ctcaacaagg	tgggacatgg	acacagctca	180
aaaaggcagt	gcctgcctta	ctcctctggc	ttggaccact	cagccttaag	cgggacaata	240
acccctgac	acttaaccct	gtgttgagct	atggggccat	ctctagcaga	gtcaagtcaa	300

<210> 1982

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1982

ggggttgggg	gtgggaccct	gggatggggg	gagaagcagc	tgtttctgga	gagagaaggg	60
gtcatggtgg	ccccagactg	tagagatttt	tatgtgtttg	gatacatctg	ctgtgtggaa	120
aaaaaaaaac	tacaaaaaac	ctaattttgt	acatactgta	tttttactat	tgaactgtat	180
tctagtggct	gttcatgctc	caagacttta	gttaccgaga	catgaatact	atccatgtaa	240
taagcacttg	cctggaataa	aatataaaac	tgaataaaac	ctgcactgaa	acctgaaaaa	300

<210> 1983

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1983

caatgaacta	ctctgcagcc	tcatttttta	aaaaatgaga	taggtaagtg	tggatataaa	60
taactgtcca	acatatatag	ctgagtaaca	aaaatagcaa	actagaaaac	aatgtattat	120
tccatttgtg	ctgaaatag	tatgttggtg	tgtgtaaata	tgtatgggtg	tatagacagt	180
tcttttctaa	aattttttca	tttttaattt	ttgtgggtac	atactaggta	tatatatttg	240
tggggtacct	gaggtatttt	gatacaggca	tgcaatgtga	aataatcaca	tcagcataaa	300

<210> 1984

<211> 296

<212> DNA

<213> Homo sapiens

<400> 1984

gcctcatctc	ccactgagca	ggtgccatcc	caggagatgc	cactggttgc	gagaccttcc	60
cctcctgtgc	agtctgtgtc	ccctgctgtg	cccacacctc	cctcgatgtc	tgctgccctg	120
cctttccctg	cagggtgtat	gggagggtgc	atgttctaac	tcctagacta	gtgctttacc	180
tttattaatg	aactgtgaca	ggaagcccaa	ggcagtgttc	ctcaccaata	acttcataga	240
agtcagttgg	agaaaaatgaa	gaaaaaggct	ggctgaaaat	cactataacc	atcaat	296

<210> 1985

<211> 246

<212> DNA

<213> Homo sapiens

<400> 1985

cacaggcttt	ggttcagaat	ataggtcagc	caaccagggg	gtctcctcag	cctgtaggtc	60
agcaggctaa	caatagccca	ccagtggctc	aggcatcagt	agggcaacag	acacagccat	120
tgcttccacc	tccaccacag	cctgcccagc	tttcagtcca	gcaacaggca	gctcagccaa	180
cccgtgggtg	agcacctcgg	aaccgtggca	gtgggttcgg	tcataatggg	gtggatggta	240
atggag						246

<210> 1986

<211> 175

<212> DNA

<213> Homo sapiens

<400> 1986

ccgtcttcgc	caaggccccg	cccgagccta	gttgttctcc	ccctgaatgt	gtagaacctt	60
cctttgaaat	ttcttaatcg	gtgcattgag	gtttccacat	ctttttccaa	gcagtgcccc	120
acttcatgga	tttatagcta	tagtctatgc	agtcgttacc	tctttttttt	ttttt	175

<210> 1987

<211> 208

<212> DNA

<213> Homo sapiens

<400> 1987

agccgatgtc	cagaaacgag	tgtttagagaa	gacgaagcag	ttcatcgaca	gcaaccccaa	60
ccagcctctt	gtcatcctgg	agatggagag	cggcgccctca	gccaaaggccc	tgaatgaagc	120
cttgaagctc	ttcaagatgc	actccctca	gacttctgcc	agcctctaga	actatagtga	180
gtcgtattac	gtagatccag	acatgata				208

<210> 1988

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1988

cccgcggtg	tgtgggcaca	cgggacctgt	cctggacatc	gactgggtgc	ctcacaacga	60
cgaagtcata	gccagcggt	cggaggactg	cacggtcctg	gtgtggcaga	tcccagagaa	120
ggggctgacc	tccccgctga	cagagccggt	ggtggtactg	gaggggcaca	ccaagcgagt	180
gggcatcatc	gcctggcacc	ccacggcccc	aaacgtgctg	ctcagtgagc	gctgcgacaa	240
cgtgggtactc	atctggaatg	tgggcacagc	ggaggagctg	taccgcctgg	acagcctgca	300

<210> 1989

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(300)

<223> n. = A,T,C or G

<400> 1989

aatcagtcnt	ttntancagt	aacanaggac	angtcntcg	ctnngctgta	gtngtnnnan	60
tgtnngtaat	actcnttgnt	catcatgaaa	tgcagtgtaa	nggttggtgt	cgcctattga	120
nnnttnaaac	nncangtngt	ttangtnaaa	gnttancaga	tcttaaagat	aatcactgtg	180
agnnnnnttag	agtaaaaatt	cgaaaactga	aaaataaggc	tagtgtacta	caaaagagac	240
tatctgaaaa	agaagaaata	aaatcgagct	taaagcatgc	aacacttgaa	ttggaaaaag	300

<210> 1990

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1990

gtgagccgag	ccgagatcgc	ggcacggcac	tccagcctgg	gtgacagagt	gagactccgt	60
ctcaataaat	aaataaataa	ataaataaat	aaaataaagc	aaggtaatga	aggtgaatgt	120
gcttagtatg	tggccagata	cagagtaggt	gctctgtaat	attagttaca	gtgattgcct	180
gctaggagtg	taggctgggtg	ctaaaacatg	acccaggtct	agaaagacac	acaatccacc	240
cctaactcct	ttcctcgtct	gccactcctt	atccccagga	ttacttggtc	ttttatgact	300

<210> 1991

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1991

gtaagcaatg	tgggaaagcc	ttcagatctg	cctcaatcct	tcaaatgcat	gctgggactc	60
accctgaaga	gaagccctac	gagtgttaagc	aatgtgggaa	agccttcaga	tctgccccac	120
accttcgaat	ccatggtaga	actcacactg	gagagaaacc	ctatgagtgt	aaggaatgtg	180
ggaaagcctt	catatctgcc	aagaaccttc	gaattcatga	aaggacacaa	acacacgtaa	240
gaatgcactc	tgtataaaga	ccttataaat	gtaagatatg	tgggaaaggc	ttttattctg	300

<210> 1992

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1992

gtgacacaga	gacagagaaa	cctccccac	ccagggaagc	agctctgcag	agttggcagg	60
atcaggggct	agtctgaacc	cctagcacag	aacactcacc	tcacggaaga	gtggccagaa	120
tgttttccac	ataggtcctg	gtcctcactt	ctcctcactg	agcagggctg	cccaacgtgg	180
gacttctgca	caaccatcct	gcccctgcct	gaccacttca	atcagaggca	gcttggcagt	240
taaaggaaca	cccacacaca	gaggtgaaaa	agaaccaatt	caagaactcc	agcaacacaa	300

<210> 1993

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1993

gccaccacca	ccaccagccc	cacaaaatgg	acctcaaggc	ctacgaacag	gtgatgcact	60
accccggtta	cggttcccc	atgcctggca	gcttggccat	gggcccggtc	acgaacaaaa	120
cgggcctgga	cgcttcgccc	ctggccgcag	atacctccta	ctaccagggg	gtgtactccc	180
ggccatttat	gaactcctct	taagaagacg	acggcttcag	gcccggctaa	ctctggcacc	240
ccgatcgag	gacaagttag	agagcaagtg	ggggctcgaga	ctttggggag	acggtgttgc	300

<210> 1994

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1994

gttcctgcaa	gggctgggtg	ggaaacaagc	agtgtgggtg	caggaagcaa	aagtcagact	60
gtgggtgga	ctgttgctgt	gacccacaaa	agtgtcgga	ccgccagcaa	ggcaaggata	120
gcttgggcac	tgttgaacgg	accaggatt	ccgaaggctc	cttcaaactg	gaggatccta	180
ccgaggtgac	cccaggattg	agcttcttta	atcccgtctg	tgccaccccc	aatagcaaga	240
tcctgaaaga	gatgtgcgat	gtggagcagg	tgctgtcaaa	gaagactccc	ccagctccct	300

<210> 1995

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1995

gggcacccag	cgaagccaat	cagagatgga	agtagtgctc	tgagggtggg	cgccgcttgg	60
taccaccctc	ctcgcctcgg	gtgtcctgga	gaaaggcggg	aggaatgcgg	acctttttga	120
agtgcaggac	gcgccagcct	atcaggggag	agctcaagag	ggcggggcgg	aagactgcag	180
gaatgaaatg	gattgacaga	ccaaataact	aatgagaggc	ttgattgaga	acctaccgga	240
ctatcagagg	acctgtccgg	gaagagaaat	ggggctacgt	ccagacagaa	tctcgtctctg	300

<210> 1996

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1996

ttatagctgt	gtcggctctag	cattttcttt	gaagcatatg	gaacatgttc	tgctactcga	60
gataatgaac	atttccttct	gcctcaaggt	acaatcagtt	tatgatcctg	ggagagcaag	120
aagcaaggag	ccagcaagtc	tggacacatt	ccagaggcca	cgaggggttt	tatgtcctga	180
gtcctggatt	ccatccaagc	catgaggggt	tttatgccct	aggcttaggt	tgtagtgcgg	240
cggggcagcc	ttccaccctt	aagcacagaa	cctgggtgttc	cataggccac	aagaagtttt	300

<210> 1997

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1997

aaggagagg	cagtaggact	aggagttaa	ttgtcatgcc	gaggctctctg	agcatgggtg	60
ggcctgtcag	aattgtcatc	gtcactctg	ttgacttcca	gcagctgaca	ggcaaggccc	120
taggaagctc	ttcagcctcc	tttccttgct	agaggtgctg	ttttccctgg	aaatgttcaa	180
gccttgcaaa	tcgtttctat	agtaacaggt	ctctgtcttt	tttcttatga	tgcagatttt	240
tgaaaagggt	tcttatctaa	atgttcttgg	gatctatggt	cttctacct	gtagctcctt	300

<210> 1998

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1998

aagttttggc	agtgcattta	aagacttaca	gaaaggagtc	tcttcatgta	ccaatgcttt	60
gtaccactta	gccatcaa	tgacatcatc	tgttttgcag	atggcatttg	atgagctgag	120
aaggcagcgt	gcattttcac	taaaagaacg	tgccattagt	ggcctggcta	actttttggt	180
gagtgaagct	ttatcaaatg	ccttaaaaga	tttacagtat	gtaaagaagc	agatattcac	240
aaacacagtt	gctaggtttg	ctgcagatct	tgctgaagag	cttgtttttg	aaggcatcat	300

<210> 1999

<211> 290

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(290)

<223> n = A,T,C or G

<400> 1999

gggggacatc	atagacaaa	aggcccgctc	tggccagggg	agaaggagct	gccgtgcgtc	60
ttccctgtgc	cccgctctcc	tgcttggttc	tcccctccct	tccctggccg	gctgccatgg	120
ccaggagcta	agtgcctttt	tgtgtgcaac	cacttacctt	ttctctgaaa	aacctgttct	180
caggaaggat	ctgataaa	catttactct	caaaaaaaaa	aaaaaaaaac	ctggncntt	240
naaanntntg	ggngncntt	tnncgaaann	ccaanctnnn	taaaaccctt		290

<210> 2000

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2000

gcagccaatt	gggaagagt	acttctgtga	gatggctggc	tggtgatagg	actaagttct	60
cattgttcaa	atagagctgt	tcaacatcac	tgaaaccttt	aagaaaagcc	ctgagatcag	120
ttattcctac	aagtttaagt	agtagacaga	tactatccag	ctctaagtct	caactgctct	180
tttatactgt	actttttttt	tgagacggag	ttttgctctt	gtagcccagg	ctggagtgca	240
atggcaggat	ctcagatcac	tgcaacctct	gcctcctggg	ttcaagcgat	tttctgtctt	300

<210> 2001
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2001
 gcgccatgtt aggacgaagg ggaaggagga gaagcgctta aagcggcggg agcgggtgcgg 60
 gagagggggtt ggaccaggg ctgaggcagg cccccccctc cctcccgctt cagtggatca 120
 tgcccagggc ggcagcggcg gcggttgcgg gggggaagtg actgggcggg gccggcgccg 180
 gagacgatgc cgtttccagt tacaacacag ggatcacaaac aaacacaacc gccacagaag 240
 cactatggca ttacttctcc tatcagctta gcagcccca aggaagactga ctgcgtactt 300

<210> 2002
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2002
 ccccgacccc gggccacctg ggcccccggg ttccgcccgc actctcgcca ccaccgcgtg 60
 ggtctgacaa gatgtaccag gtcccactac cactggatcg ggatgggacc ctggtacggc 120
 tccgcttcac catggtggcc ctggtcacgg tctgctgtcc acttgctgcc ttctcttctt 180
 gcacctctg gtccctgctc ttccacttca aggagacaac ggccacacac tgtgggggtgc 240
 ccaattacct gccctcggtg agctcagcca tcggcgggga ggtgccccag cgctacgtgt 300

<210> 2003
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2003
 caccagtggc tttagggcct gtcgcttacg cgatgcgggt agtattgttc ccgttgcgca 60
 gttgaggaca cctaggttca cggctctgagt aacacctcat tacaccgaag cctgggcctg 120
 tattcccgaga gctttgggag gctgaggcga gaggatcact tgagcacagg agttcgagac 180
 cagcctggac aacatagtga gacccccatc tctaaataaa aatagaccaa cgctaaagcc 240
 tgtgtctccag agcctccagg caattggatc agaagtcgca gctctggtgg gaggaaggcg 300

<210> 2004
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2004
 ttttttttta gaacgtggtc ttgtctctat cctctggaca ctgcagcgta cgagtaacaa 60
 caggtcttgc aggctaaata acttataaac aaaatttcct tctgaggag ctaggtattc 120
 cgatgtatct tcaacatagt cctgaagtgc atatggcaat cgtccttttg gcttctgaaa 180
 tgcagaaggc catccagatt tcggccaact agaggagtct gaaggaccag acaattgctc 240
 agaaacagaa ggctgtttag aattttctaa attcattaag ggcaattctg gtacttttct 300

<210> 2005
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

<400> 2005
 gcagaagctg cccgtgggca ccacggccac actgtacttc cgggacctgg gggcccagat 60

cagctgggtg	acggtcttcc	taacagagta	cgcgggggccc	cttttcatct	acctgctctt	120
ctacttccga	gtgcccttca	tctatggcca	caaatatgac	tttacgtcca	gtcggcatac	180
agtgggtcac	ctcgctgna	tctgncactc	attccactac	atnaagcacc	cggaataaag	240
cccgnctnnc	ccaatcggaa	aaaaaaaaaa	aaaaaaaaaa	aaaaaaaaaa	aaaaaaaaac	300

<210> 2006

<211> 299

<212> DNA

<213> Homo sapiens

<400> 2006

gcagaagctg	cccgtgggca	ccacggccac	actgtacttc	cgggacctgg	gggcccagat	60
cagctgggtg	acggtcttcc	taacagagta	cgcgggggccc	cttttcatct	acctgctctt	120
ctacttccga	gtgcccttca	tctatggcca	caaatatgac	tttacgtcca	gtcggcatac	180
agtgggtcac	ctcgctgca	tctgtcactc	attccactac	atcaagcacc	cggaataaag	240
cccgcctgcc	ccagtcggaa	aaaaaaaaaa	aaaaaaaaaa	aaaaaaaaaa	aaaaaaaaaa	299

<210> 2007

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2007

gttcgacgct	ttgaaagatg	atgacagtgg	ggaccatgat	cagaatgaag	aaaacagcac	60
acagaaagat	ggtgagaagg	aaaaaacgga	acgagacaag	aatcagagca	gtagcaagag	120
aaaggtggag	cagttctgga	ggttttatag	ccacatggta	cgtcctgggg	acctgacagg	180
ccacagtgac	ttccatctct	tcaaagaagg	aattaaaccc	atgtgggagg	atgatgcaaa	240
taaaaatggg	ggcaagtgga	ttattcggct	gcggaagggc	ttggcctccc	gttgcctggga	300

<210> 2008

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2008

cccagaggaa	agccaggccc	gtctggggcg	gatcgtggac	cgcatggacc	gcgcggggga	60
cggcgacggc	tgggtgtcgc	tggccgagct	tcgcgcgtgg	atcgcgcaca	cgcagcagcg	120
gcacatacgg	gactcgggtga	gcgcggcctg	ggacacgtac	gacacggacc	gcgacggggc	180
tgtgggttgg	gaggagctgc	gcaacgccac	ctatggccac	tacgcgccc	gtgaagaatt	240
tcatgacgtg	gaggatgcag	agacctacaa	aaagatgctg	gctcggggacg	agcggcgctt	300

<210> 2009

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2009

ctgagaaaat	catagagatc	ctggagagcg	ggcatttgcg	gaagctggac	catatcagtg	60
agagcgtgcc	tgtcttgag	ctcttctcca	acatctgggg	agctgggacc	aagactgccc	120
agatgtggta	ccaacagggc	ttccgaagtc	tggaagacat	ccgcagccag	gcctccctga	180
caaccagca	ggccatcggc	ctgaagcatt	acagtgactt	cctggaacgt	atgcccaggg	240
aggaggctac	agagattgag	cagacagtcc	agaaagcagc	ccaggccttt	aactccgggc	300

<210> 2010

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2010

gctacaacca	gcgcatgata	gagcagctga	aggtgcggca	gcaacaggaa	aaggcgcggc	60
tgcccaagat	ccagaggagt	gagggcaaga	cgcgcatggc	catgtacaag	aagagcctcc	120

acatcaacgg	cgggggcagc	gcagctgagc	agcgtgagaa	gatcaagcag	ttctcccagc	180
aggaggagaa	gaggcagaag	tcggagcggc	tgacgcaaca	gcagaaacac	gagaaccaga	240
tgcatgagct	gctggccccc	gcacaggctc	ctgtgtgcag	ggactgattc	ctcagcacac	300

<210> 2011
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2011						
ggccgctgct	tctttcccga	gcttggaact	tcgttatccg	cgatgcgttt	cctggcagct	60
acattcctgc	tcctggcgct	cagcaccgct	gcccattgca	tcctgatggg	cgtcccagtt	120
ccctttccca	ttcctgagcc	tgatggttgt	aagagtggaa	ttactgccc	tatccaaaaa	180
gacaagacct	atagctacct	gaataaacta	ccagtgaata	gcgaatatcc	ctctataaaa	240
ctggtggtgg	agtggcaact	tcaggatgac	aaaaacaaaa	gtctcttctg	ctgggaaatc	300

<210> 2012
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2012						
gcaactcacc	aggggtgtgct	tgggggaggt	gttgacagaa	attgacgtcc	aggagtcctt	60
ctgtatggaa	gaaaaacaga	acaaattcca	gggtgtaccag	ctgcggtttc	agttcctgcc	120
acatgcatat	taccagcagg	agaagtgcct	gagaccgag	gacatcctgc	gcttcattga	180
aacaagattc	tttaaaactc	tgatggaatc	catcaaaaag	aagaataata	aagcatcagc	240
tttcaggaac	gtaaacactc	gaagagctac	acagcgggat	ctggacaacg	ctggggagtt	300

<210> 2013
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2013						
gcccgcact	cgtatccccc	ggccctgggc	agccctggag	ctctagccgg	ggccggagtg	60
ggagcggcgg	ggcccttgga	gagacggggg	gcgcaaccgg	gacgacactc	tgtgaccggc	120
tacggggact	gcgcctgggg	cgcccggtac	caggacgagc	taacagcttt	gcttcgcctg	180
acgggtggga	ccgggtggcg	agaagccgga	gcccgcggag	aaccctcggg	gattgagccg	240
tcgggtctgc	aggagccacc	aggtcctttc	gttcgggagg	ccgcccgggc	ccggatgcgg	300

<210> 2014
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2014						
gcaacagcaa	aggagatcag	ggatgaatat	gtggagacgc	tgagcaagat	ttacctgtct	60
tactaccgct	cttacctggg	gcggctcatg	aaggtgcagt	atgaggaagt	cgctgagaaa	120
gatgatctaa	tggtgtgga	agatacagca	aagaaaggat	tcttctcaaa	gccatcgctc	180
cgcagcagga	acaccatttt	caccctagga	acccgcggct	ctgtcatctc	ccccactgaa	240
cttgaggccc	ccatcctggt	gcctcacaca	gcgcagcgcg	gagagcagag	gtatccattt	300

<210> 2015
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2015						
gccgccactc	gtatcccccg	gccctgggca	gccctggagc	tctagccggg	gccggagtgg	60
gagcggcggg	gcccttgagg	agacgggggg	cgcaaccggg	acgacactct	gtgaccggct	120
acggggactg	cgccgtgggc	gcccgtgacc	aggacgagct	aacagctttg	cttcgcctga	180

cggtgggcac	cggtgggcga	gaagccggag	cccgcggaga	accctcgggg	attgagccgt	240
cggtgtctgca	ggagccacca	ggtcctttcg	ttccggaggc	cgccccggcc	cggatgctgg	300

<210> 2016
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2016	
gctcttctct	60
ctccaggctc	120
gatgtggaca	180
tggtatgaac	240
ttaaagcacg	300

<210> 2017
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2017	
atgactcca	60
gctttggaga	120
aagatcacca	180
ttccggaggg	240
cactcggagc	300

<210> 2018
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2018	
aagatgcagg	60
ttattacaat	120
ttctaaaaaa	180
tttcaaaaga	240
tttctggtgg	300

<210> 2019
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2019	
gttgatttgg	60
attccttttg	120
gtccttgata	180
cctctttata	240
atggaattga	300

<210> 2020
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2020	
attgaactct	60
agacctagtt	120
ggatggattt	180
acttaaggac	240

tctgatggcc aacattccac tgcccagta cacaaggcga gatggcaaac tgaatttggc 300

<210> 2021
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2021
 aactcctact gttgaatata tctgcaccca acagaatatt ttgttcatgt tattgaaagg 60
 gtatgaatct ccagaaatag ctctaaattg tggaataatg ttaagagaat gcatcagaca 120
 tgaaccactt gcaaaaatca ttttgtgggc ggaacagttt tatgatttct tcagatatgt 180
 cgaaatgtca acatttgaca tagcttcaga tgcatttgcc acattcaagg atttacttac 240
 aagacataaa ttgctcaggg cagaattttt ggaacagcat tatgatagat ttttcagtga 300

<210> 2022
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2022
 tccaaaaaca atggggccaa ggcaaaccag agccaaagag ttttaacttg aacccttca 60
 gtcaggatga acataaagct ctcaagttct tgaaaggatg agacacaaga ataagatggg 120
 gtaccagtga ccagctcctc tacctggggt catggaggac cgaagacctt ccaaccttga 180
 tgctgttaag gacaggcgtc cctgtaaggg atcagggtga aagaatctgg ccatagctcc 240
 tgtacaaagc ctctttgtct gaagtacttg ggtgctcttt gacggcagga gggaacacaa 300

<210> 2023
 <211> 296
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(296)
 <223> n = A,T,C or G

<400> 2023
 ctgaggcagg agaatcactt gagcccagga ggtggagggt tcagcgagct gagatcacac 60
 cactgcactc cagccttggg gacagagtga gactctgtct caaaaaaaaa aangggantc 120
 atttgggnnt tnggcaaaaa tnancntagg gantntnmca ngaccnaga nggaancnt 180
 gagngntcag nncanmntg gggncctttt nnnggtttnt taaangnncc gnncccttnan 240
 gnggggnncc ncgnttngcn ttggggggtn tnaggggnang nctgctttct ttttta 296

<210> 2024
 <211> 253
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(253)
 <223> n = A,T,C or G

<400> 2024
 cacttgaacc cgggaagtgg aggttgagct gagccaagag tacaccactg cactccagcc 60
 tgggcaacag agcgagactc cgtcttaaaa aaaaaaaaaa naanccctt ttnanngnncn 120
 taatanncn anttngnggc agnnttgnan ngggaaaggc cgtttaaaanc nntaanggtg 180
 gaaaaccnt naaanattnt ccancnacc ccttngatnt tncanacaa aaaannaatc 240
 ccnaaacggg aaa 253

<210> 2025

<211> 294
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(294)
 <223> n = A,T,C or G

<400> 2025						
gctacttggg	aggctgagac	aggagaatcg	cttgaaccca	ggaggccgag	gttgcagtga	60
tctgagatcg	tgactccag	cctgggggac	agagtgcac	tccgtctcaa	aaaaaaaaaa	120
naaaagnncc	mntttnggt	tnntantttt	tccnaanaa	ctgaacntat	ttgnacnntt	180
nnatthttan	aatgnttttt	tngtaannta	ancnccaaaa	taattaannn	cntttaaang	240
cctnnannaa	tnncttgatt	nnntggcnnn	anccntttnn	taagggggga	tttt	294

<210> 2026
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

<400> 2026						
gctactcgaa	aggctaagac	tgaggatcg	cttgagccaa	tgagttggag	gctgcagtga	60
gctataatca	cgccactgca	ctccagcctg	ggctgcaggg	tgaggtcctg	tctctggaaa	120
aaaaaaaaag	ggantaggt	aanggnncan	aggnaantt	ttnagnnct	ngagnctttt	180
gnagccntg	nttaccctaaa	ncnttttngg	cctantngna	ccntcncaaa	nagnntttcn	240
tgantnacc	aaatttnagg	tnntcanaan	tnagctcct	aagngnncaa	ntnggaaata	300

<210> 2027
 <211> 293
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(293)
 <223> n = A,T,C or G

<400> 2027						
ctcagctctt	ccggaggctg	aggcaggaga	atcgcttgaa	cccaggaggc	agaggttgca	60
gtgagccgag	gttgcgccac	tgactccag	cctgggtgac	cgagtaagac	tgtctcaaaa	120
aaaaaaaaaa	aaaaaaaaan	tngcctttng	gtnnctnat	tccnaaatt	naannaanng	180
nccnnttttg	gnaagggggg	ggnnaaanng	naaanccctt	tnntngtnng	ttccttttna	240
aaagggncnn	tcnccttttn	aaanggnct	naagnccttt	tnanaaatg	gtt	293

<210> 2028
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2028						
atctgttact	acttcagaat	tgctggttga	tgtaggccc	ctcctatctg	tgctctctca	60
gctacagttt	cccgtttgag	catattcatt	cttttttatt	tttgcctga	acaaaaatat	120
tagagttaca	atattactat	attccaggcc	ttgctagaaa	ctggggataa	atctatgaat	180
atggtcgctt	ccctggaaga	cctcacagtc	caggggaagc	aaaccctgca	gacatgcagt	240
agacttagtg	gtctctctta	aggttgcttg	ttgagttttg	acattggaga	ttatgtacag	300

<210> 2029
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2029
 gtgagaacgg agatacggga aaacccttgg ctcatggaag catagccaac ataaaccttt 60
 taagcaaacc agcgagaggt tccgtcatag tgcaccatca tcagaaacca gggctcctgg 120
 tgttccagaa gttgccagag tttatgttac ttcagccact tggtagggaa agcttttgaa 180
 atagatcata catgcatttg tttttaatca gaggcggtg gccatgatgg ggtaattta 240
 tactgagcac atggcaccca tatctgggtg ttccctcttg gtcagggccc ccattggcca 300

<210> 2030
 <211> 297
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(297)
 <223> n = A,T,C or G

<400> 2030
 gctcattcca gctggtctat cgtgggcctc agaaggtgaa gagggaccgt attctggggc 60
 ccacgataga ccagctgtaa ctcatccag cctgtacctt ggatgagggg tagcctccca 120
 ctgcatccca tcctgaatat cctttgcaac tccccagag tgcttattta agtgctaata 180
 cttttaagag aactgcgacg attaatgtg gatctcccc tgcccattgc ctgattgagg 240
 ggcaccacta ctccancccn taaggaaang ggggcanttc annngcccca agaggga 297

<210> 2031
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2031
 gcgggaatca atctgcactg acaccgcggc aggaactgaa gctgcccagg caagtgagga 60
 accaggagcc gtcactgagt gtggctgggc tacatcatag ctcatcacgg agctacgact 120
 ttgggtactg cggacagacc tggataggcc cagcattcgt tctgaagatc acagttcaca 180
 gaagcttttg cttcgtaaag ataatccaaa ggacctgaga cccgcttttc cttttccctt 240
 cattcccttg agagtcagcc ataaacggaa tacctgctag gttccaggaa tgagctcacc 300

<210> 2032
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2032
 gccttgaggg aattagacag attttctgtt ttgaatagcc aacacatggt tgaagtacta 60
 gctgccatga atcaccgatc tcttatactc ctggatgaat gcagtaagggt ggtcctagat 120
 aatatccatg ggtgtccttt aagaataatg atcaacatat tgcagtcctg caaagacctc 180
 cagtaccata atttgatct cttcaaggga cttgcagatt atgtggctgc aactttcgac 240
 atctggaagt tcagaaaagt tctttttatc ctcattttat ttgaaaacct tggctttcga 300

<210> 2033
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2033
 ggcaagtgtc ccctaaaatg cacatcgaat tctgttttct gggccttttc tccaatggtg 60

ctaggagata	ccgttgattt	ctgcagctct	tctcagtggt	gggaagaagt	ctttgggatt	120
gttgagcaag	gggcagctgg	accatccact	aaatTTTTTT	gttcaagaca	cattagagac	180
cctcctgtat	atctagtaag	tcataataaa	ggtgcttggg	aaagccttaa	atttgaagac	240
acatggaggc	ggtagaaaat	taaacttgta	agaggagaaa	aacatgccat	taggtaacgc	300

<210> 2034
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

<400> 2034						
gtgtgcttgg	tcttccaccc	cagccccaga	cactgcttca	aatagcacca	accagatggg	60
agtccacatc	tgtggtggca	aaatgctgac	atTTTcccaa	gaggtaacaca	aggtgggaga	120
ggcctgctgt	agcagaggtg	tgtgttagag	aaagcagggg	cctgatttag	tagcagagaa	180
ctgggtgaga	aaaatggcca	gagaaagtga	cctgccagct	accagtgttt	ccgaaaatga	240
gggtgggatg	ggcccatttg	cgtnattccc	nacagtcatc	cccatagccc	tctgaggagg	300

<210> 2035
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2035						
aattttgccca	tcttttatca	ggctttctgt	gtcgaggacg	ctacccacat	agagtagaag	60
ctaaagggaa	gggatgtgaa	gtgacctcac	cctcagcttc	tagctcatgg	tgtcaaggct	120
tgtgtgatct	tagacacgtc	tgcctcttct	gagcctgttt	cttcatctgt	aaaacagggg	180
tgggaggttg	tggtaaagat	tccacagcaa	cactgcacac	gcatgaagta	cctgggccag	240
ggatgactcg	gcagacctca	gtttccctct	gcctcctgcc	tagagctgtt	agcaagcatc	300

<210> 2036
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2036						
aatgtctctt	tcaaagacac	tcagggtgta	atcagcctta	ggatgctaag	caaatcattc	60
cgtaggatag	gacacagtca	catagaagct	acagctggga	aaggcagaat	tcatagtaga	120
gagtgtcgg	ccacctagag	gccagcccaa	gaggccaag	gtggccatcc	ccaaaagaga	180
gatggagaga	gtatttgctt	tttttctca	gatgttttcc	caaatcccca	ggaagcccag	240
tatctctgcc	ttttcagtga	agcctctgtc	ttctagagta	tgcctttccc	ttcatttgaa	300

<210> 2037
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2037						
tcttcattca	agttgtagat	gaaaaggcag	aatggagtgg	attcagagcc	gtgtgacgtg	60
ccgtcagagg	cttcctgttc	ttcctcctca	cttcagcgca	aagtgccaga	cccaaaaaac	120
aggatttcta	cctgtctgtg	tgtgtcgtcc	ggggctgttt	cttcatcttc	ccatgtcttg	180
atTTTcacca	aaaaaggagg	ctgttaatac	ttgccttctt	cactttttaca	tagagatatc	240
ataaagatta	tgaactaaag	cagcaaagta	cattgccttc	caaggagaaa	gtgttccttg	300

<210> 2038
 <211> 300
 <212> DNA

<213> Homo sapiens

<400> 2038

gtaaaacacc	ccctacagtt	ccaattctgg	gcctgtcttc	tatctatctt	tgcccttctg	60
gtccgttccc	tggtctgagc	cccaggggaa	ctagggctga	aagtcacccc	cgaagcctca	120
gaccagatcg	ggaggccaca	cgcagctcat	ggggacagag	ggcccagggt	gacgggtccac	180
tcatgagaag	tgctatgtga	ctccaggagg	tctgtccctc	tccgggctcc	aatccccagc	240
ccaagctcag	atgaccacgc	ctgtgtccct	ttagcggccg	aggagccacc	acctgttcgg	300

<210> 2039

<211> 196

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(196)

<223> n = A,T,C or G

<400> 2039

gccaccttct	aagcaagtga	tggcctggct	gggtcagtac	cctttgcacc	ctgctttaca	60
anngaacttn	gtncactgtt	tnnnaggttn	atanctgagt	nnacacactt	ntgcattnga	120
taaatggtag	tgngattttc	tnngaangaa	naattntgt	tgnnaggnaa	tggtatcana	180
ancttgnana	anaggt					196

<210> 2040

<211> 286

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(286)

<223> n = A,T,C or G

<400> 2040

ggaaggcact	ggtccgagaa	caccggattc	actgcgtgct	gtcctcactt	gttctacaat	60
gagtgccaaa	tctgctatca	gcatggaaat	tttngcacct	ctngatgann	ggatgctngn	120
anccnnccna	nagacgnann	cnatctcaan	agctccctng	aatngntttg	cctnnncnng	180
tncannantn	ccnctaacag	aggacctggc	ncaccttanc	ngnnacattc	aatgactnn	240
angacatcan	catcacannc	tncagttggc	acttatctgn	gtaact		286

<210> 2041

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2041

ctcagccacc	gtctccttac	ctgactcctc	tgggaaagag	tttccctagg	ttaagccata	60
cagggatagg	gtaggagatg	ccatttgat	ctaggagcag	agggcagagc	ctcagcagga	120
agagtgtctc	tttgagaagg	agacacagtg	gagcagggtg	gtagggtcac	agggccagct	180
atgggtagag	tcgggtgtac	atttttagaa	gccacaattc	ccaaaaatct	cctgactata	240
acatcagtg	acagagccag	tcaaatggag	gaggagtggg	tccaggcaat	tcaggaagaa	300

<210> 2042

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2042

gcatccgtgg	cctcggcctg	gagagaaacc	aaccagcttt	gctgtctggc	ttgcgggtcc	60
------------	------------	------------	------------	------------	------------	----

gctcctctgt	gagggggg	agattgccg	ttctcctcga	agaatgccgt	tacttgaggc	120
ccaaaatatt	agaagtctta	agaactcagg	acaagcagca	gaaatacatg	caacatggtg	180
actggaaccc	taaggactct	gcaatatgaa	taattcccta	gagaacacca	tctcctttga	240
agagtacatc	cgagtaaagg	cacggtctgt	cccgcaacac	aggatgaagg	aatttctgga	300

<210> 2043
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2043						
gcttgttctg	gggaaagctc	atataagtat	ggatttttatt	cctcaactag	taggatacca	60
atactggtat	tgaaacttgg	ggaaaataac	tggagatacc	agtgcagcta	tttaaagctg	120
tagcaagggc	tgcaatcttg	cggagatttt	aaagagaagt	tttaaagttt	ctaatactga	180
tgctctttt	tggtaaatac	aagttttata	aatcctgccc	tgggatcctg	attccccatt	240
aatcaagatt	tgtcagactt	caccttctat	aattagaaaa	cacagttata	agaacagtca	300

<210> 2044
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2044						
gtgcatcaga	gccaggaggt	tccagacttg	tcaactgtcac	gtcaatcttg	taactttcca	60
acaggtcctc	cttcccagaa	accaaatacag	attttctact	tgaagcagta	ccaagcctct	120
ggatagagct	tcgagggaag	gattttgggg	tcatgggttt	tttccaggga	ggctcgaaaa	180
aagcttccct	tgcaagttga	gtttgaaggc	tgtagctcag	tggcagatca	ggacacctag	240
gaacatttcc	aaggaagtag	ccatttctct	cccagccttg	aaccctgac	tctgggttct	300

<210> 2045
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2045						
gcaacctaaa	gtaaactctca	catcttggca	atcgttttta	aatatgatcg	tcccatcttg	60
atgtgctgct	cctgctgttg	aaggtatccc	tgggttttag	gcaagcatat	gtgttcttta	120
ctatggctcc	agatcccagc	atatttgaag	tcttgagtca	acctgctctc	ctagacaagc	180
agacattaag	tatgtcgctt	gggctcttaa	gtgcgttctc	ctgactttta	cccattcttg	240
tggcagtaaa	tgcatacgtg	tcaactgtata	tgcggactag	atacctcagg	tcccagcgcc	300

<210> 2046
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2046						
ctgatagcga	cgcccgttgt	attcagcgct	ctccccggc	tgcaccttgg	aattgccgaa	60
gaagcttttt	ttaaactcca	aatgggccc	gttggcgctg	cagctctggg	attcattcat	120
tcatatagct	cgtattttatt	gagcacctac	catatgcctg	gaacggtgct	agggaaacag	180
cagtgttaaa	caggtgaagt	cctgcccgc	tgaagtttta	cattgtagtt	caggacacaa	240
taagcaggtt	gcagagcctg	aggcctgtga	tcagatgtac	gagagcttaa	cgcgactcca	300

<210> 2047
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2047						
gcggagcttg	cagtgagcag	agatcgacc	actgcactcc	agcctgggtg	acagagcgag	60
actccatctc	gaaacaaaca	caaaaaaag	tatcaaagac	agaaagtgga	agttacaagg	120

ctttttaagg	ccttatcttg	gaagtcacag	caacatttat	tttgattcc	attggtcaaa	180
ctcaagtcct	aacaggccta	aggggggtcaa	gtaaaagggtg	ggactcacag	gaagttccat	240
atacattaca	gcttcacttg	cagtacagag	gggaagggaa	atcctactgg	gacagaacct	300

<210> 2048

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2048

aaacgaccac	ctttacgaga	attctttgtc	gatgactttg	aagaattatt	agaagggtgag	60
agaactcttt	accacacgtt	tcttcagat	gctcctatgg	tcccgtaaac	aatgatattt	120
ttttctgcaa	ggctatttta	ctttttaaga	gcagtaatcg	tggcatttgc	cgcattgatg	180
gaacccagggt	agggagcggg	tgatgttccc	aggcagcctt	ggtgtcggca	ggtctctaaa	240
cctggttggt	agtcgtcctc	tgtgggagtt	gattttgttc	tgtgaccag	gtcagggtctc	300

<210> 2049

<211> 246

<212> DNA

<213> Homo sapiens

<400> 2049

ggcacatctt	ctactagcta	acttggtcct	tttttatgaa	aaaataaaac	ccttgcgtag	60
ttctccctca	gggatgcct	aggattttgg	atgagaacgt	attggctcaa	tgtgagtggg	120
gcagtggcag	gcattccattt	cccttcccc	cattctgtca	caggtgccca	tctgcctggc	180
agttcaatcc	agggtcatg	ttggagactc	cagagccctt	tccttgctgg	tgctgcctg	240
aggcat						246

<210> 2050

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2050

acactgggct	caggggctga	gccattgttg	ggtgctatta	cttgtgttg	gaaccaataa	60
ggaacagaaa	acaaacaaaa	acactaaacc	agagaagcgg	gcttattgaa	tactttgcac	120
ctaagaagaa	ttaagaggaa	aaggaggagg	ttagagtgg	tgcatctgct	cctccggtgt	180
ctgagtgtga	taagaaagat	agatgttaga	ggtagcagaa	tttgtgtgca	agaattaaag	240
ccaccagcag	atgagacttg	gaccctaaac	aattccccag	gagaaacctg	tgaaaaattt	300

<210> 2051

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2051

gaaaaggccc	cagaatgggc	tggcttgaac	tggaaaaaca	cactttctca	tcctttttgg	60
accacgagct	tcttgagagc	aaagcatgtg	tttgatattc	ctttgctcac	cctcaggcct	120
tgtttgcaa	attgcctggg	atacagaaaa	taaggacaag	gtctgggtgt	agtggcttat	180
gcctgtaatc	ccagcacttt	gggtgaccaa	ggcaggagga	tctcttgagg	ccaggagtgt	240
cagaccagcc	tgggtaacat	agtgagacct	tgtctctgca	acaaaattta	aaaattagcc	300

<210> 2052

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2052

ctacgatgac	cccctcttca	ggctgccatt	tggtagaggg	caaggagtg	gctagccatc	60
gagtaagacc	atgctttgca	cccaccatca	gcaaggctca	agatagtgcc	tgctcctca	120
gaataagcct	tcccttctgc	aggtatctca	tctccatctg	tgggaaccag	gtatgaggct	180

ctgaacagtt	cctgctctgg	caagacacct	ccacatcttt	ctccctcaaa	cattcatagc	240
ctctctgcc	ttttatgctt	ctggtacacc	agaaataata	tcacaatgcc	ctgcatcact	300

<210> 2053
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2053						
gggaaggtct	gggtccagct	tgagcccact	cacaggatgt	cagggggaag	tgtgactaag	60
gtcacggcca	cgccacgtgg	tgggccagct	ggatccagag	caggggccgt	tgtggccaca	120
catcctgagt	ttccatggtc	taatgcagt	ggcttgaaaa	aaaaggggtg	atgcaggatg	180
ctggctggga	ctgtggagtg	cgtgggcagt	aagtcttaag	tgacagtggg	tggagattac	240
agcatttcat	ctgcttttcc	tttgacacct	tttaaagata	caaccacag	ttttcaaggg	300

<210> 2054
 <211> 293
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(293)
 <223> n = A,T,C or G

<400> 2054						
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aagtcagaat	tacagaagct	tgtccctaag	aatgacagcg	cttctttgcc	aaaagtgaca	120
cctgagaccc	cttgtgaaaa	tgagtttgc	gaaggcagt	ccttgcttcc	aggcagcgag	180
gctggcgttt	ctgtgcagca	gggggctgca	ngtntnctn	ttggttgctg	natnagttgt	240
tngtntnttc	atnnttttan	ttctanatta	gctttttntc	ttgntntagt	gtt	293

<210> 2055
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2055						
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tcatcaccat	tgtcaagacg	ggccagatcc	actcttgccc	aatatagccc	attaagagct	180
tccaggacat	ccagtgtctac	gagtggcttc	agttgttaga	gtgagcgatc	agcggttgac	240
ccctccagtg	gccaccctcg	aagaagacct	aaaccccta	atgtccgtac	agcttggtta	300

<210> 2056
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2056						
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cacaccagag	tgggatccctc	tattgcatgt	actcgactag	cttttcattc	ttatcacact	120
tccttcccta	taaaagttag	tatcttttaa	agggaaat	aataccacc	ttcgctttct	180
gtcgggcctt	gtgaaaatca	ggcaataaca	aggacagcct	tattgccagt	gtatgaccag	240
agcatctaga	tggcactact	agtggaatgt	catcttgtct	accattcatt	cattcattca	300

<210> 2057
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2057
cctacctcac caggttgctg tggggagtga acaaggtgag tggccctcac ctacagactc 60
aacatatggc ctttggtctt tcccacttcc aagagtcttg gaagggatgg gtcgagcaag 120
cagaggaaag gaagatgtga gttcccaaaa tgctcctcac ctttttcttc tgagtgggct 180
ccttctcact ggcattggag ggcttgcggc gcagcatggt cctccaccct gggagactcc 240
gtccctgctc tcctaggtgt caagatgcag aggcctcttg cttagcctca ccagaactgc 300

<210> 2058

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2058
acaagaggag gcttatcggg aggaacagct gattaaccgg ctgatgcggc agtcccagca 60
ggagcgcagg attgccgtgc agctcatgca tggtcggcat gaaaaggaag ttttatggca 120
aaacagaatt ttcagagaaa aacaacatga ggaaagacga cttaaagatt tccaggatgc 180
tcttgatcga gaagcggctt tggcaaaaca agccaagatt gactttgaag aacaattcct 240
taaagaaaag agatttcatg atcagattgc tgtggaaaga gctcaagctc gttatgaaaa 300

<210> 2059

<211> 296

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(296)

<223> n = A,T,C or G

<400> 2059
attcaaagta catttgacaa cccactgcaa gttgtggcat acatgggtgc catgaaccat 60
gacaccaact acagctttca ggttcaatgt ggcttaattg tgggggccta caaagatgga 120
tcacctgccc acccacattt catggatgca gagctctgtt cccagtactg gaccaagtgg 180
cttcttcgac tagaagaata tacggaaaag annangaacc agaattattca gaaaccagaa 240
tattcagaat ngggancaaag ttgctatttg ggaacattca gcaccttctc acagtt 296

<210> 2060

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2060
aagggaagga ggctgctggg tagcaaataa gccccttctt ttcttggtga gttgatgacc 60
tccaatagct cccagtgtca tgggtaccca gtacgcatta gctggtgttg ggttgattga 120
gacctggggc agttcctggg gcaagaagcc agatgggaga tgagatagaa agtggttagga 180
gttatcctct ttgectggcc tttgagaata acttactgtg tgactttggg caagttcctt 240
ccccactctg ggctcagtt tctcacttgg gaaagcaagg agtttgacca gatgatcaca 300

<210> 2061

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2061
agtgactact tagaagatgc tgtccccacc ttgcgccctt ccctctagtt gcccaaagt 60
cttacctccc ccagcttcac tcgggctagt ggaggtcttc ttagacttct ttcaaggcgg 120
aggatttaga gtctggggtg aagtggcggg gatggatggc tggggacgtg gggctgctga 180
ctcaatggtg atacatcaag cagttaatta agggacaagt tatcttctaa gtgggaggta 240
aaggattttc tggtcctttg ttcttaatgc tcatattaat gccattttcc ctcatggaga 300

<210> 2062

<211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2062
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 agagtgccta tccactggct gcagagactc cgagcatgaa ggccacaagg tctgcacttc 180
 ttgttggtgaa ggatataatct gtaacttgcc actgccccga aatgaaactg atgccacatt 240
 tgccacgacg tcacctataa atcagactaa tgggcaccca cgctgtattg tcagtgatag 300

<210> 2063
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2063
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 gaccctggcc agtgggtgaa ccttcccgtg tgacgacggc tccaagcaag agataaagaa 120
 cagcttggtt gttggcgaga gtggcaacgt ggggacggaa atgatggaca ataggatctg 180
 gggccctggc ggcttgacc atagcggaag gaccctccct ataggccaga attttccaat 240
 tagaggaatt cagttatatg atggcccat caacatccaa aactgcactt tccgaaagtt 300

<210> 2064
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2064
 gagcgacgaa cttctgagac aggtgtgggt gcgagggctc ggaggggtcat gggattggga 60
 ccgaggtgtg aggagggaaat ctgcaattcc ttgctacaca gagcgctggc aacttctgac 120
 aggtgtttc tggggtatgg gctgcctcgg gttgttgctg ttacaaggaa agaaaagagt 180
 tcccctgccc accgcctccc agccactggg ctacctcctg gcaggaaatt tgcaaactga 240
 gtttaacaag ttaggatcag cagagggtag aggagggccc tggcagatgt ggggtctaga 300

<210> 2065
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2065
 ccgtgcctcg ctttcctgt ccccgccct atggacaccc ctggctcagg ccagtgtgct 60
 tgtcccagca tcgcgtcat ctctgtttt tatttgatgt tacagatttc atttcattag 120
 gaatgagtgt ttctccccg acttttgctt gcattctttt ccagctcctc cctggaaaag 180
 ggcaggggag gacactttcc cagcctccca ccgtgctctg ttctagtgg cacctgcccc 240
 agggctctggg cccctagggg tgcgtcctct accctggaga ctgggatctt cttaaattcc 300

<210> 2066
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2066
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 tgtttgctca gttgagctc tgggtctcgg gtgtccacgg tgggctcctc gtgctgggat 180
 ccgccaacgt ggatgagagt ctctgggct acctgaccaa gtacgactgc tccagtgcgg 240
 acatcaaccc cataggcggg atcagcaaga cggacctcag ggccttcgtc cagttctgca 300

<210> 2067
 <211> 300

<212> DNA

<213> Homo sapiens

<400> 2067

acattaggta	tgtagccctg	acatcactgc	ttcgactggt	gcagtctgat	cacagtgctg	60
tgcagcggca	tgggccact	gtggtggaat	gtctacggga	aactgatgcc	tccctcagcc	120
ggagagccct	ggaactaagc	ctggctctgg	taaatagctc	caatgtgcga	gccatgatgc	180
aagagctgca	ggcctttctg	gagtcctgcc	ctcctgacct	acgggctgac	tgtgcctcag	240
gcacccctgct	ggctgcagag	aggtttgctc	caaccaaacg	ctggcacata	gacaccatcc	300

<210> 2068

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2068

gtgcaggctg	gttacttaca	gttcactttc	cctctttgaa	gccccattta	caataggggt	60
tggtatcctt	gagacccac	ctgcttaggc	tccagatgtc	accagaattt	cacatcagct	120
ttatttcctg	gatttgtaaa	tataacccca	tgataaaagt	ggctctgagt	gttgggttta	180
cctcttgac	ttcctgtcct	caccaatttt	tgaccgaaaa	ttcaacccta	tgttgtagc	240
tctttgaatt	acctattctg	tcttcattag	aagagtgcct	ccagcattta	ttgcctaaac	300

<210> 2069

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2069

agctgggggt	gactacagct	cacctgcagc	tggtgagcaa	ctcaaagcag	agaccaggt	60
gagccgggcc	tggacccctg	agccaaggaa	actgtgagat	aacaaatgtg	tgttgtaagc	120
agctgactgt	taacggaaat	tttctaggca	gccataggtg	accagtacac	catgctaggt	180
cagattaaat	gtcctcagat	tagcatccct	tccattccct	ggttcctgaa	tgtggccatg	240
atttttaaatg	catgaaagag	ccatggcagg	gagattatct	gtaggtcaat	aaaatcatac	300

<210> 2070

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2070

aattcataaa	aggagttagt	tgcagtcattg	tgtggccttg	tctagaagca	aaaattataa	60
tatcaaaagc	tctacgtatg	aattgggcct	taatgtcttt	gtactcattt	attcttttat	120
tgaaaaaaag	ctctaaatgc	ctattttgtg	tcacataatt	gagatttgct	ttgaaatgtc	180
tgattcttta	ctatagtact	atctgagttg	ttcacagtgg	tatggtgatc	catactctga	240
actgttccat	tatctggaat	taaaggcata	taataaaaag	aaatagactg	tatttagttt	300

<210> 2071

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2071

acagatcctc	cctctgcaga	tggtgagcag	tttccactc	ggctcttttg	attgttctgc	60
aatttttcaat	gaccatggca	caaatttatt	taaagctgaa	atacttact	tctattaaag	120
cagttggctg	ggtatattgt	ttttgtgaa	attattactc	taggaggtaa	atctaggctt	180
tatttactac	tttgggaaag	tacatttaaa	ggccatgaat	cagaaactag	gttacaacg	240
ttaagactca	aaggatctgt	atactgaggc	ctatatttcc	atgaagtggg	tctctactct	300

<210> 2072

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2072

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ggttagctct	ctctgggcag	tggggccgag	tctcatttcc	tccaacaata	atgttatata	120
ggcaatgac	ctgggctgcc	ctaacataat	tgaaaattat	gtgtattgta	ggcttggagt	180
gctgaaatgt	gggctcataa	aaatatgtgg	tgcaggtagc	ctatggagat	tggatgtggc	240
acacaatgaa	gctttatgta	aagtaagaac	tataagtcctc	catgttaata	ttgtattatg	300

<210> 2073

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2073

gtgacccttc	ctgcccttct	tgagcagctt	gtgaaccaga	agatgtgcct	ggagagaaaag	60
cctcatttgg	ggaagtgcag	tagtcgaagt	tctttatttt	gaaaatggag	aacaaccctt	120
ctcacaatcc	tgtctccctc	tcccccttcc	caactagaat	atcagctccc	ctgaacatga	180
gtcagtcaca	tttcagggaa	aactggctga	tgttgaagaa	atcacttgag	ggcaaacctt	240
gtccttcaag	ctgtgggtct	ctgaagtgtg	gagccagcag	atcccccagt	gtagggactg	300

<210> 2074

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2074

aaagacttat	aagccctctg	attgagctcc	tttgttgttg	acttcttgat	cctctttaat	60
tcaggaatca	cagttagatt	tcttagaatc	cttctttgtg	ctccaagtat	caaagacctt	120
atggggctcc	ccagccataa	tggaaaaagt	aatttcttta	acaggggaga	caccagagca	180
agagcggaga	tgggggtacg	agggggctct	catttatgca	gctggccaga	gctcctcatc	240
caacccgggg	cttagtgagg	tgacagatgt	gatgttggcc	aatgtagtct	tccttttctt	300

<210> 2075

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2075

atthttctgaa	aatctcagtt	gggccagtct	ctgagccaga	tatgctaact	tttgccctgtg	60
ggattatgtg	atttactggg	gtcagaatag	tcaggatatt	ttatagtagg	cagttttact	120
atatgctatg	tggacaaatt	gaaaatgaag	gactgagttt	tttttttccc	ttaaattctaa	180
ttggagatac	aatacatgaa	cctacaaggg	aacatttact	cagcagcata	ttaattagtg	240
ccaattttaa	tatttgatga	ttgctaggta	gcaaagaatt	ctctagatcc	tgaagaattt	300

<210> 2076

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2076

cccgcctgtc	tcagacatcc	ccagctgggc	tcaaggctgt	cctgcagctg	ctggttgaag	60
gagccttaca	tcgaggcaac	acagaactgt	ttggtgggca	agtagatggg	gacaatgaga	120
ctctctcagt	tgtttcagct	tctttggctt	ctgcctccct	gttggaact	aaccggaggc	180
acactgcagc	tgtgccaggt	cctggaggga	tttggtcagt	tttccatgct	ggagtcacgc	240
gccgtggctt	aaagccaccc	aagtttgtcc	agtcacgaaa	tcagcaggaa	gtgatctata	300

<210> 2077

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2077
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cttcacttat gtgcccacca ctccagggct ccctgaggtc caggaattcc atgccattcc 180
ctttcacatg gctgagagcc ccagccctgt ggatgagctg tcctgagtgg gcaactcagta 240
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<210> 2078
<211> 300
<212> DNA
<213> Homo sapiens

<400> 2078
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gggtcctagc acttccccta acatcatctc atgatactta gactttttaa gaacccttga 180
gtaggccctg tgataaagga tgttagtgaa aaaaataatg agaaacaggg acttggtcta 240
gagaaagaag cctgcgtcag atcagtaggc cccctgggg ctgtggaagc atgcagaagg 300

<210> 2079
<211> 300
<212> DNA
<213> Homo sapiens

<400> 2079
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cgctctccct ccaccatcac agttgccctc tgcacgggag cgcaggagga acaaatggaa 180
aggactagac attgatagca gtcgtcctaa tgtagcacca gatggtctct ctctaaaatc 240
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<210> 2080
<211> 300
<212> DNA
<213> Homo sapiens

<400> 2080
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agaaccagg aagaaaattc tgctctttta atacgttcca atatggacgt ttcccatata 120
gatacctatc tatatagata gatgctctgg gatctgacgg tcctggacac ctgtatggct 180
gtgtgctgtg gtctttgcct agcctgcggt tcacttttgc tctggccacc acctcccctc 240
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<210> 2081
<211> 300
<212> DNA
<213> Homo sapiens

<400> 2081
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ttagcttttc ctctcccag ttctctcca gcgcagcagg gcacctctag cccagaaaaa 120
gaaaactgac ttctcttat ttctgtttc tgctgtgct aatctcctcc tgaagggttg 180
tgtggcttct tgggactctg gaaagaaact gcaggggacg aggacaaagg aaacagctac 240
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<210> 2082
<211> 300
<212> DNA
<213> Homo sapiens

<400> 2082
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aagtgacagg acttttcattg ttcttggtcg aggagaagcg ggagtggctg atggaagcac 180
ctaaatgatg cctttgtctg tgggaaggca aatgatgccc cagagctcta accaaaggtt 240
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<210> 2083
<211> 300
<212> DNA
<213> Homo sapiens

<400> 2083
caagaattgc tgctgctgtt ttttttttaa ttttattttt tattttttaa gactttccta 60
ccttctcatt gagagagaga aagatgcca gagttaaatt aggagtgct tgggtatttt 120
gttgaacttc acaagttaaa ctggcgaatg gcgtccatca gctgttattc agtccttgaa 180
cagagcagat atgtttgtgc gaggacaaag aagatgcctc aaagacaaag aagaagatgc 240
ctcgtcgtcc cctgagctcc cacacggcat ctgcacatca ccagctcagc atttagcaca 300

<210> 2084
<211> 300
<212> DNA
<213> Homo sapiens

<400> 2084
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tgagccacca tgcctcacct aggggtgttg gtttttaagt gaaacatgca catggtaaac 180
attaaaaccg tctaaaaggc tggaccatga aaagcaaggc tcccttctcc caccatcc 240
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<210> 2085
<211> 300
<212> DNA
<213> Homo sapiens

<400> 2085
gtgcaccttt caaatagtag ggaaaacaag catcgcctaa tatgttgatga gacctagcaa 60
aaggaaacct aggaaggag gcaggagacc taccctctga ttccagtatg agaacactga 120
tttgctctgt gatccttgaa taactctggt cctcaatttc cattaccctg actggtattt 180
taactgtaat aattcttcca tgaatctgga agtcctttct ttctttaaga aacagggtct 240
tgctctgtca tccaggctgg agtacaatgg cgtgatcaca gctcactgca gcctcaaatt 300

<210> 2086
<211> 300
<212> DNA
<213> Homo sapiens

<400> 2086
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tgggacttga ctaccttggt gattgtacta gaaatgtcag gtatggtgac tgctctgccc 180
accactctaa atgaaactgt cccccacag tctctgttgc ccagggtgct tatgtccctc 240
gtcacagctg aatggaccaa ggcagatgtg ctatcaagga cagccaatca caagtgaaga 300

<210> 2087
<211> 300
<212> DNA
<213> Homo sapiens

<400> 2087

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gttatgggtca	tttcatcctc	acagccctat	agcttttagta	ctatgactgt	ctccctttta	120
cagatgagga	aactgaggct	gagagatggt	cagtaagttg	cacaaagtca	tacaagtggg	180
ggcagagttg	ggattcagat	cttgccattg	tgcagaaggg	gtgaacaggt	gggttctaga	240
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<210> 2088
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2088						
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gccagtttga	tcattccaaa	gatggttggt	taggccccgg	ccctatgcca	gctgtacaca	120
aagcggcaaa	tggacactca	agaaccaaga	tgatatcaac	ctccatcaag	acagctcgga	180
aaagtaaaaag	ggcatcaggg	ctgaggataa	atgattatga	taaccagtgt	gatgttggtt	240
atatcagtca	accagtatta	aaggcctgcc	tgatatacaa	ccctcgaatg	caacacagtg	300

<210> 2089
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2089						
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aaaaaaaaaga	aagaaagaaa	attacctgga	attcaatatt	gccatcggct	gatttaattt	120
ctaatatgaa	gaaaggggca	gtgtgatgtg	ccatggagca	tccacaacct	gccatttcag	180
cccagccaac	cttagaaaagc	cattgaaaag	agttgttttt	aatgggtgtt	ttacatccag	240
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<210> 2090
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2090						
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gattgtgagc	accatgacat	tagggatcat	atcttttcat	tgtactgtta	gctacacata	120
acagactgca	tgctatacgt	tggtaaatgt	taattaaatg	aatatcttct	caggctagct	180
tttttgatcg	ccccaacgcc	ttggctagtt	ttctctcatc	ctgcctcaga	ttgctgtggt	240
gatgcgtccc	gctagcacct	gcagagacag	ccctgttggt	aatgttggcc	acagtgccag	300

<210> 2091
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2091						
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atatggaagg	agattctttc	tttgatgac	ccattcctaa	gccagagaaa	acttacggtt	180
tgaggaaagg	acctaggaag	caagcaggaa	gtctggcctc	gctctcggt	gcacccccct	240
taaaaagtgg	actcagctcc	ctggcgggag	ccccttcttt	aaaagactct	gagagtaaaa	300

<210> 2092
 <211> 279
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1)...(279)
 <223> n = A,T,C or G

<400> 2092
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 ggtaacagtt ttggacactt gtgnntnatg tcnngtgnt atcttcannc actgggcccgg 120
 agctgcagcc ctggangagg gggcggtcg aggctgtgtg gngattgggg tctccgcccc 180
 cagccctnc ccnggcangg nctggagctg gncngangcc aantgccttt nagtcnnttn 240
 tgcnaanccc tctngggtcc ngacgtntn cnnttgcc 279

<210> 2093
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

<400> 2093
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 gcacctcgat ccgagtctca gcacctagac taattaggat gacctcagag atgctgaaga 180
 gtacctttgg tcagcctcag tctttttggt tttggttttt ttgagactg tgtctcactc 240
 cgtcaccag gctggagagc agtgggtcga tctcagctca ctgcagcctc ancctctcag 300

<210> 2094
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2094
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 agtgaatggt agagcatcct cactcttctc tctgccagca agcacctttg gggaagtcct 120
 cacggacagg aatgtcgtgt gtcttggctt gagatgtcaa agaaacatgt tggacacacc 180
 atggtgacag agcaggagtc tcttaacccc ggcgtggttg aggctgccgt tctggtggga 240
 tctggggtca gtcaggggtt aacagtcgct cctgcttgcc tgattgacac agtaataaag 300

<210> 2095
 <211> 221
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(221)
 <223> n = A,T,C or G

<400> 2095
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 tggctgctg ctctgacagg tacctgtcat ctgccacca tgggcttctg ggacctgctg 120
 tagccctgc caccactgc tgcagacca cccactctca gcttagctca aaggctgttc 180
 tctaactcat ttctgagaat aattgnangg ctgnagtngc a 221

<210> 2096
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2096

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gacacacgac	cctgacacca	gagagaattc	tgtatttccc	cacccttgca	ggggctgccc	120
ctagagaatc	ccatcgggtg	agcccaggaa	cccacaagtt	ctgcaccctt	cggatgggta	180
ggcattttga	gggcatgagg	taggcgttac	agtataaga	tacacagggc	tctaaaccac	240
agaggccccc	gttcaaattc	tgctctttct	aagtacaaat	tagttggctt	tgggaagtga	300

<210> 2097

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2097

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acccttgagt	gcaaaactgt	cctgtccgaa	gtagaatcaa	atcacttttc	tctggtcagc	120
tctggtgttc	aacaaacact	acttgtggtt	gaaaaagtgc	tggatttggg	aaccagagaa	180
cccctagctg	ggtgaccttg	agaacaagga	gatgatagtc	ctcattcctt	gcaaggtgta	240
ttggagacgg	gtgaaggggtg	tggctgtgct	ggaagctcct	actgctggcc	tttgccccag	300

<210> 2098

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2098

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ctttccaccc	gggttccctg	gaggaagcta	aactcagacc	aaggccctgg	gctccccagg	120
agttaaaagg	gaatacgctg	tccaagatt	ctagaatgaa	gagtcaacgt	agcccagagt	180
gcttaaacct	cctgtcctta	aatgcaagaa	atgttttcta	tcgagccctg	gacaggtgtc	240
tctgctggcc	tgggggtttc	aacaggtcat	gctgcctca	gaccccaggg	acaaatgttc	300

<210> 2099

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2099

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catgtgccag	cactagctag	tgagatctac	agatcatcgc	ctcgctcat	taagtcaaag	120
gcttcaactt	ctgttccac	aagtcattct	tttgtttact	ctctgtaaaa	taatcaactc	180
acgccctcaa	gtttctgctg	tggagttgag	gtgacaatat	ttcaacagaa	ttgatgccat	240
atggaaaaatc	ccaagctagc	ttttgtacaa	gtacaaaatc	aaatattcaa	aacagatgag	300

<210> 2100

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2100

aattgcttag	gatacgagtc	tgtgctgggt	gaccagaact	tgacacatac	acaatattaa	60
atttaaaagg	acatttaaat	tactcattag	tcagggccag	tgtaaccac	taccatttg	120
gccagtgtcc	tctaaatatt	atcatttatt	gtgttattgc	agctggggag	ggagaaaatg	180
acagcatccc	aggggtaaga	tttaattctg	aattcatcag	gaaaatgacc	cctgaacatc	240
cccagtgcta	gccctcattt	gagaactagt	cctgctaatt	atataccttc	cccgtaaagt	300

<210> 2101

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2101

cactgtcctc	ctggagcctc	catttcagtc	atttacagag	gattgcgccc	tccaggactc	60
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cattctcttg	tgctgcctgc	cattggagca	ttgtattcag	tggcctccca	cagagagtat	120
caaaactaac	ccagtatgtg	gagacctatg	tcagtctatt	tatttttcta	tctctgtggg	180
gctggagaag	gaaataaaca	taaaactaaa	gatttaaaga	ttacttttga	tttcacttag	240
tttttttata	acatccttgt	gttatgggta	gtttcagaat	ctcaagaatg	agcagagaat	300

<210> 2102

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2102

gctatctaaa	cctaatacaga	cccatgctct	tgtccctca	agagcactgt	tatctccatt	60
agcctcctca	tagaaaattt	aagcagccct	ctctaggaca	tcaccagttc	atttccaacc	120
tcagctgcca	gcagggagta	ctcctacact	gtgtaacttc	agcctctcgc	cgttctgttt	180
gaggaaactt	cctccctca	gggaccaca	cttggggttc	ctcgagtgtg	tagtccagag	240
ggtcccgacc	tttatcagga	gccttgccctg	taagagaagc	cttgccctatt	gccccctatg	300

<210> 2103

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2103

caaaaacctt	cagccatggc	caggctgcat	ccctttggtc	ctggagtttc	atctacttac	60
tgccatcttc	cacggtcttt	gcactgtccc	gtgtcccatc	ccccctgggag	gcagaagaga	120
ttgcctcgga	gtggccttat	ttttctcgca	acttgtagaa	tgatgtagtg	ctctatgtaa	180
tatggccgag	tttccaagct	gtcatccaat	ggaagtagaa	tcttctcttt	gaatcatatg	240
gtacaggtgc	caatatgact	gctgctattt	agagtcagag	aggtggaagt	cactgggtcc	300

<210> 2104

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2104

gaagattctt	cggtgagaga	ttatactgta	agcttggact	ctgacatgga	tgatgcatct	60
aaatttcttc	aggattatga	tattcgaact	ggcaacacca	gggaagcttt	gagtccttgt	120
ccaagtactg	taagtaccaa	gtctcagcca	ggcagcagtg	cttcttctag	ttctggagtt	180
aaaatgacca	gctttgctga	acaaaaattc	aggaaactga	atcataccga	tggaanaagt	240
agtgaagca	gttctcaaaa	aactacacca	gaaggctctg	aacttaatat	tcctcatgtg	300

<210> 2105

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2105

gaagagcttc	tgaggggct	gagcagaccc	cagggcctct	tagccaatcc	ccgggcctgg	60
tgaagcaggc	gaagcagatg	gtcggaggcc	agcaactacc	tgcacttgcc	gccaagagtg	120
ggcaatcttt	taggtctctc	gggaaggccc	cagcctccct	ccccactgaa	gaaaagaagt	180
tggttaaccac	agagcaaagt	ccctgggccc	tgggaaaagc	ctcatcacgg	gcagggtctc	240
ggcccatagt	ggctggacag	acactggcac	agtcttgctg	gtctgctggg	agcacacaga	300

<210> 2106

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2106

ctaatacact	gcacagcatt	tgcaacggca	gatgagtatc	atctgggaaa	tctgtctcaa	60
gatctggcct	cccacggata	tggtgaagta	acaagcttgc	ctagagatgc	agcaaatatt	120

ttggtgatgg	gtgtggaaaa	ttctgcaaaa	gaaggtgatc	ctggaacaat	attcttcttc	180
agggaaggag	ctgctgtgtt	ttggaatgtg	aaagacaaaa	ctatgaagca	tgtgatgaaa	240
gttctagaaa	aacatgaaat	tcagccctat	gaaatcgcac	tggtacactg	tgaaaatgaa	300

<210> 2107

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2107

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gtagacatcc	acagaggata	ggagctgcag	cgtgtgctgc	tagactcaag	agagaagtct	120
cgctgactca	tgcagggttg	ggttttgtct	cattcccagg	aatgcttgga	ctcccagagg	180
cagtgaagcc	acacatttta	gcagaattac	ctcagcagtg	tggtgcatga	tcatgaactt	240
caagtttacc	tacaaggaag	atttcattgt	ccttctgtca	ctagccaaac	acttcacagc	300

<210> 2108

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2108

ggacgttgta	ggaggaagag	gctgtagggg	taattggtag	aggcaggctc	agaagggaa	60
gtcaagaagg	gaaactgggt	tcttccagaa	tacttttgaa	aagttctagg	gaatttttca	120
aaggctattt	tgtaaggat	attgagtagt	gcttagaaga	tacagtctcc	actttgaggg	180
cgcatgaacc	ctctaggctg	ttgatgagag	agtctgagca	cttcccaggt	ttttctgcat	240
ctagacatga	gtaaatgggt	aagaacactt	ggttttgttt	tcaggttata	tctgtgtcct	300

<210> 2109

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2109

actgactctt	ccccctagag	tttctccttg	agaaacaaag	tccctgtgat	actttcctgg	60
aatgttgtat	acatgacctt	ccccgaagg	acacaagtgt	ttctgggtgct	ttccaatggg	120
aatgtgggaa	gggaccag	tgggccttgc	cactttggga	ttgctgtccc	tgaagaaatc	180
ccttagcctg	atagaaacgt	aattgttggg	agcaatgaac	tgtgttgggg	gagaaaacat	240
aacttggcct	ttcttaagct	gtatggctca	gtgggtctgag	tttctgtaga	tctcttattg	300

<210> 2110

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2110

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tggtgattga	attgagcagg	gcagtgcag	gattcccagg	tttctgactg	agggtgtctaa	120
gtggggatgg	tgatgaaagg	gggaatattg	ggagaggatc	acgtttggag	ggagactaag	180
gcaccatcag	tattctagag	attagagggc	tgtgagagaa	ttgtgatagg	agggatttac	240
tctttggcag	atatccaagc	gtggaaggcc	tgtttgatgg	actgtccttg	ataatcacag	300

<210> 2111

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2111

ggcaagtgcg	atcttaaatg	agagcgtgca	atgctcagtg	taatcacacg	gaggcctaac	60
tagatgaaat	cagtaagaaa	gaatgtgggt	tgtagtttca	agagttctgt	tatcttgaga	120
gccctgggtg	ccttagcttg	ctattcaatt	gagccaaatc	tgtattttct	gaaggcagaa	180

gatgaaagca aatgatagat gcttagattt gaggagggtta tttggtgctg ttgatatttt	240
taaactttta aaaggcatta aaagatctaa tttaaattgc acatgtaaat gtggctgtgc	300

<210> 2112
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2112	
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accagcaaaa atactcctca catgtcctta gatagtgtga aatgctccag agaggggtaa	120
tggcactgct cctacttgag aaccactggc tcttgtaact gcttggccta gttctaactt	180
ctaaaatgtt ctcttttctt gagagtataa tgaagagcca gatactttgt gatctttcta	240
tcattcctct ggcttcttgg acttccttaa tgattgagct cagatgctgg agtcacatcg	300

<210> 2113
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2113	
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aagaaagaag ccaaaaaact ttccgtctac cactgcgctt cctcatgccc accccatcct	120
attagcctaa aatggaacgg gctaattagt ttatttgtat agggaggggt ttcagctgcc	180
tggacaaaac caggagtcca ctgtccaagc ttcttctgtt ttcctgagct cagaagaaaa	240
aaagtgtgtt agactaagat aataccgctt tttgaatatc tcggcttcat atttgctctc	300

<210> 2114
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2114	
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tcatgccgcc cttgtgcgtg gtccccagct gttggtgtca gggcaaggac aaagaccgg	120
gacacctcaa gtctgagtc tgggtgattgc caggccctgg ggaatggggg aagatgtggt	180
cagaggctct tcttgtgacc ggggcaggat gtgtcttctg ctggaccggc accttttgtt	240
tgccccattg gtggcagatg tgagcgacat caggcgcttc ctcatgcat ttcacgagcc	300

<210> 2115
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2115	
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cctggggcag aactgagtggt ggcggtgctt gggcacagga tattcccca ggggcttagc	180
ttcatgcatt caggcttacc ttgaggtccc aagcttattg gtggcataag ctctgcagat	240
ccctcacctg ccatcagcct catctgaatc tttgtcttcc ctcatgataag cccttaggca	300

<210> 2116
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2116	
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ctccttcagt cccagaagac aagtctcacc aaccaggga gtcaaggacc agcaaaccaa	120
agtggataat ggactttttc attcctgttt ttcttggcag gagagaagca aggccactaa	180
aagaggagat ggtggagacg gaggtctcag agtggtcttg aggggtaaag gacttagatg	240

cccagatgaa gagggaaagc tgacatctgc agggaaacca ctttgaggct gaggccatgg 300

<210> 2117

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2117

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tttctatggc	aggcaccg	ggcagccaaa	aggacactgt	ccacagccag	gccagagtct	180
agctgtcaca	cacataggca	ggtgtgttgc	atacctcagg	catgcgttca	ggagttgtaa	240
tacttaagt	aatttgtttt	tttacagcaa	caacctatag	ttccatttaa	aaagggatag	300

<210> 2118

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2118

gggaaagaaa	ataactttgt	gaagccagtg	tattctgttt	ttaaactgt	gcctgcagtg	60
caatactcct	tctggtgtat	tttatccatt	atttcacttg	ctggctcgta	tttcacagcc	120
agctttgaca	tgcccgtgag	gacaggagcc	gccgcttcag	ttgtcactgc	agagccatcg	180
tatgtcagtt	gcaatttcca	tctgaagcta	tgtctttgac	ttcactttaa	gcagaaaatt	240
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<210> 2119

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2119

gcacaggcca	cggagagaga	gaggccgggc	ctggatgaag	ccgtgggcgt	tggtgccgtg	60
cgaggcccag	gcatgcttgg	aggaaaggct	accgtggctg	taaagtgcta	gccagggcgg	120
gagccgggct	tgtgtttctc	gcacagtctc	agccatctgt	cagctgcttc	aaagggcatt	180
caaaagtcca	ggttttgatt	gtttcttggg	ttagtctgag	tcgtgtggcc	tgcccttatcc	240
accctggaaa	gttctaggca	attaatat	atgtggcatt	tctgaggttt	tgatgccccg	300

<210> 2120

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2120

gaagaaagca	gatgccatct	catctattgg	cacatcagga	ctgacagaca	tgaaaaaatt	60
ggccaagtgg	gcagcagagt	ccaagctcga	cccaaatgac	cccaacaatg	cccctttgat	120
gcagcttatc	tcggttgcta	ccagtgggtga	atcctatgtc	cctgatttct	ttagactgga	180
gcagctgcaa	caggagttta	actttgtttc	agatcaagaa	ttaaatagat	ccaaacgatt	240
taggcttctt	catcttagaa	gccaaagagg	gccagaatc	cgaaattata	agcaagttcc	300

<210> 2121

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2121

gaaacccccca	gcttttagtta	ggtctacttt	catgattttt	cctggcatac	tgaaaaatag	60
gcttttctcta	aacataagga	agaatcgagg	tgaaatgtga	acctctgcca	gtatagttat	120
tggtgatgct	cttgcattta	gtcataat	ggaagatggc	aggctgaccc	aaatgagcat	180
ttcatcactc	tgcttaat	acttagagt	atttgtgaat	cctgtccttg	tacacaggcg	240
tacctcagat	aattcgagtt	ctaataccaga	ccaccgcagt	aaaataagta	ttgcagtaaa	300

<210> 2122
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2122
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 ttcattggat atttgacaag ctgcaaaccg gagggcatgc tgggtcccga gggcgccctcc 120
 gtgctgacct cagcatgtgc agcaagagcc agggcacagg ggcggcctgg cccatttcag 180
 gcaggtgtctc tgtgggaggg tggctgtctc cactgacaac ccagggaggt cagcaaggag 240
 gagccctgag gtggactcga aagctgtggg agctgatggc cctcctggtc tctgccacag 300

<210> 2123
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2123
 ccaagcagag ccttggcatt atagatacag gtttctaaaa gctgatagct tggctgccag 60
 cctcatgggc tggatcaccg acaacttcat gggcctcttc tagtgggaagc tggagcattt 120
 ccttgggtgaa ttcttttccc tgagggggcaa gatccatgcc acacagctct ctgaccctgt 180
 gtgtcacaac ccttatggtc catgagcaaa atggttgcta gtagtcattt gggcatttct 240
 cttctgtttt cttatgtgtg taataagata taaaaagtc ggcttgaaga ttagaaattg 300

<210> 2124
 <211> 283
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(283)
 <223> n = A,T,C or G

<400> 2124
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 aatgttgtat acatgacctt ccccgaaagg acacaagtgt ttctgggtgct ttccaatggg 120
 aatgtgggaa gggaccaggg tgggccttgc cactttggga ttgctgtccc tgaagaaatc 180
 ccttagcctg atagaaacgt aattgttggg agcaatgaac tgnngtgggg gagaaaacat 240
 nacttgggct ttcntaagct gnactggctc accgtgctga ggt 283

<210> 2125
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2125
 gaagaaactc ccatgaagtt caaaggagca gcagatatgc aggggtgcac tagaaatgaa 60
 aatctgacct tttgtccctc tccttttcat ctctcttttg tacaggcctt ctttccttct 120
 gtgcaaacag acccttgta tagtcatagt ccatcacgct gttaaatgat ttccagcact 180
 gctctatgat gtgctgtaat ttcaggaggt agttttattt tctacaacat gttgctctgt 240
 agcacgtgta tttcactact gagtggtagt tctaattggac atattcttaa caaaatagtc 300

<210> 2126
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2126
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tggccaacag	tcaccccat	agccctctga	ggaggggag	gatgcttaga	gcaggcagtt	120
ctgtcagttc	tgacgtggca	ggtgccattg	caacttggtc	ggaggagtct	taggaagtgc	180
tgtcataatt	cataaggtca	agagcaacat	ctggatgaat	gagccacctg	aaatgtgtgt	240
gggctgagcc	acaggaagg	tgagtcctct	tgcttggtgt	gctttatggt	gtgcagggtg	300
<210> 2127						
<211> 300						
<212> DNA						
<213> Homo sapiens						
<400> 2127						
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ccacgataga	ccagctgtag	ctcattccag	cctgtacctt	ggatgagggg	tagcctccca	120
ctgcaccca	tcctgaatat	cctttgcaac	tccccaagag	tgcttattta	agtgttaata	180
cttttaagag	aactgcgacg	attaattgtg	gatctccccc	tgccatttgc	ctgcttgagg	240
ggcaccacta	ctccagccca	gaaggaaagg	ggggcagctc	agtggcccca	agagggagct	300
<210> 2128						
<211> 300						
<212> DNA						
<213> Homo sapiens						
<400> 2128						
cttgaggact	tctttttaat	gactttttca	gacttgagga	ctccttttta	aagttgtaga	60
ctgttccacc	tagatccttc	tggtcattct	ctactttggt	gtggataaaa	attttataat	120
aaattaggtg	atgtttaaaa	gtggctttgt	attttgtaca	tttgcaacaa	tgtgtgtatt	180
aacctctcct	aattccatct	actggcaaag	cttgatttga	tgagaattgg	gtcccctgca	240
gtaattgtgac	tctgaagctg	acggattaga	gagcttggtg	ttcaggcatg	aaccttgtct	300
<210> 2129						
<211> 300						
<212> DNA						
<213> Homo sapiens						
<400> 2129						
tgagtgtgta	actcctaaat	tagaacactt	tggtatctct	gaatatacta	tgtgtttaaa	60
tgaagattac	acaatgggac	ttaaaaatgc	gaggaataat	aaaagtgagg	aggccataga	120
tacagaatcc	aggctcaatg	ataatgtttt	tgccactccc	agcccatca	tccagcagtt	180
ggaaaaaagt	gatgccgaat	ataccaactc	tcctttggta	cctacattct	gtactcctgg	240
tttgaaaatt	ccatctacaa	agaacagcat	agctttggta	tccacaaatt	acccattatc	300
<210> 2130						
<211> 300						
<212> DNA						
<213> Homo sapiens						
<400> 2130						
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cttgaggtac	aagaaaactt	cagggtagac	aggaaggagg	cgtggtgaaa	gtgatgaaag	120
gggagagtag	aagggtggtc	cagggtcaga	cagggagtta	gatttaatcc	ttcagggcac	180
tttcattaca	tcatagctgc	cattttgtct	tttatctgac	tcaataataa	gtcagtaata	240
agtaatgttt	taattaaagg	taaatgcttg	gcaggtaggt	taaacttcat	tgagtcccaa	300
<210> 2131						
<211> 300						
<212> DNA						
<213> Homo sapiens						
<400> 2131						
accaaatgca	cttgtgtata	ttttaagtga	aaagaagaga	ggactcggat	gaccatgctt	60
agttaagggg	gaggggtgacc	ttttatatgc	aagttgggaa	atacagagaa	agtgaagggg	120

gaccaaaatg	aaaacacatg	aaataagata	agcagagatg	aaaggtggca	ctagaactgt	180
aagaagcatt	tgaacaggca	gaacagtgt	ggagacttta	ggagagggt	caagctgcc	240
tgtggccggt	cctcaaatag	ttctagaatg	actagcatat	ctttttacaa	aactataagc	300

<210> 2132

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2132

agaaaat	ctgcatt	atatgct	actagtt	atcttgat	caaaata	act	60
tgtaaaa	tatagtt	aaccttg	atattata	cttagct	taatatta	ag	120
tatgaaag	gcaaagat	atagtc	aagaaga	aatgtata	tttgggg	ag	180
atgctgt	aatagact	gacttac	tgagttc	gcgatac	cctgacag	ct	240
tccagct	gaatctg	ggcaagg	ggggaat	attattg	aacttccag	c	300

<210> 2133

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2133

gtttcgc	gttggcc	ctagttt	attcctag	tcaagtga	cacctgc	cctc	60
gacctcac	tcctagatt	taaacctg	aattttct	agctgcct	cagtgact	ttt	120
aaacttact	gtggatct	cttgctg	tcacttct	atcttctc	cccgctc	tca	180
ccacttc	gtcttct	ggactgg	gtgtttac	cattggat	gcagttg	taa	240
ggtcagca	gaattcc	atagcatt	gcacctat	tcagccct	tttaatt	ttt	300

<210> 2134

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2134

gtggccag	tgagagg	gtgcagaa	gggcagg	tgaagg	cagcagc	tg	60
tcataag	gttaaca	ggcctcc	gggctgt	gagctac	agatgtt	tg	120
acaagaga	ggtaggg	ggtagac	aaaactc	ggacctc	ggtgatc	gag	180
cctaacct	ggccatt	cagatag	gactgag	aagacag	aagggcc	atg	240
cgtgaagt	catagc	ggcctgg	ctgggg	ctaagg	gaaaagt	ctg	300

<210> 2135

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2135

gtttgtat	agggtgt	tttaatat	aagcaatt	taaagaca	gtgtgag	ttt	60
ttctgtta	gcacct	cttaatg	agcaacg	aagcatg	cttaccat	aa	120
ttggtgt	gtctgtg	catgggc	aacattt	tttcagc	gtaatcac	at	180
ctccaagt	tctaagt	aaagagc	atctaag	gtggacat	tgaggct	atc	240
tcaggg	ctggaat	caaggcc	aatcccat	tcatacat	tttttt	ttt	300

<210> 2136

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2136

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ctcctct	gtgcagg	gaccagg	acctctg	tgcgagc	tgagatt	cta	120
ggattct	acg	atggcat	agggttc	gcacggg	gcataac	ggc	180

atgccatcct	tcaggctggc	aggagcctgc	gcagggtgtgg	caaaatcttg	aaacagcctg	240
tgtcctgcct	ggcttttcac	tttctatatt	aatataagaa	agcacttttt	tttctgcttt	300

<210> 2137

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2137

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agtagtggtt	tcccattcgt	attgcttata	ataaaatgag	agagtcttct	gtccatcatc	120
tttattgaaa	gttgaaccac	tgtaagcaaa	aataccaagg	agaggctctga	tcccactatt	180
gaaataaaaa	gaaccatgag	ggccctgcag	aattcaactg	gaccttgggg	attactcact	240
gaagaagggt	ttctatattg	aatgtttatt	gtcttcctac	cccagtctcc	ccaacaagaa	300

<210> 2138

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2138

ccggcttttag	tttttaatat	atagcttagt	tggtcacatg	gtgcagatgg	cattccttca	60
gtatttcgcg	tgccagttgt	ctcagctaata	agatatcagc	agctggcaag	gaccttgggt	120
gcactgcctg	ctgccccctc	atcttcaactg	gcacagggcc	ctacacttag	tcaacaggca	180
gccaaaaactt	actgagtgaa	ggaaccaaag	gcacaacttg	agaactgtct	atgtttgtgt	240
ttatagaaga	ggaacaataa	agtcacgcac	tatctaaata	taatgaataa	caaaaaagaa	300

<210> 2139

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2139

gaagaagcag	cacacttatt	ctcctgtacc	tctggaacat	gtgagcacc	tggttgttct	60
gggctttctc	tgccaaggct	gggaaactag	agttctggca	gctttgttgc	tcctttgtct	120
tctgtgtgag	ccgcggtgtc	atcagccagg	tcaccccgct	tgacgacag	tcgctgtgct	180
ctgggcatcg	gtggagcggg	gagctctggt	tgtgcacaga	gggccagggt	tagatgttgt	240
gcacagaagt	cagccccacc	cagggttaggc	tgagccgtct	tccttgaacc	tgaaatgggt	300

<210> 2140

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2140

agatgttata	aaatgtgtag	gcttttaata	tataagttat	ttggctcctt	tgttttggca	60
tactttaaacc	agaagaaaac	cacttctggg	gcagaaaagc	tagaactgat	atcacagttc	120
cctctgggtg	ctgctatgtg	tcaattcgat	ctccttagaa	gaaaatagtg	tagcctaaaa	180
taggtctttc	tttaccacag	ttagatccct	gcagcaatct	acttctcgaa	acagaataac	240
cattcaacta	tgacagctat	cttaaaatca	tagactgtaa	ataatattgg	tcacttctac	300

<210> 2141

<211> 279

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(279)

<223> n = A,T,C or G

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 tccagcaatt ctcttcagg cacatttcct ttgctgaaac ctttttagca ggtccctgga 120
 gcactcatga acaaaataaa aaaaccagaa accctgtaac cctggtttct attaaagtct 180
 agcttggggc tttttttttt tgacaaaggg tcgnaangtc ncccaggctg nagnggagng 240
 gngcagnctn ggntnantgc aanttccacc tcccaggtt 279

<210> 2142
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2142
 gcgacgtgtc tgcggagcct tttataacct ctttcccggt agtccggcag ccgctgctgc 60
 tgctgctgct gctgctgccg ccgccgcgcg cgcgtccctt gcgtccttcg gtctctgtctc 120
 ccggggaccgg ggctccgccc cagccagcca gcatgtcggg gatcaagaag caaaagacgg 180
 taggcttcca ggcgcgggct tccctccccc ccaccgcact gcacgcgccg accccaacc 240
 cccaattccc cggcacttgg gtcccaccct ccccgaggag ggcgctcggg aggaggagta 300

<210> 2143
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2143
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 aatcatcact gcttttctgt agacatttag ccgcagattt gattcaaaat cctgtagta 120
 ggtggtgact gaaatagttt agtgggggca gggaacagca agaggtagga ggaaagccat 180
 tcagtaaacc ccccaaacc caatgtttgc cctgctcatt tgagcaactg ctcccattgt 240
 caggagaagg tcattcctgt atgaatgttt acatcacaaa taaaatgaag cttcagtaga 300

<210> 2144
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2144
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 catgttatag ataagaataa aaaaattgtt ttgtgtttta ctcaaattag aaaaaggcaa 180
 caattggtat gtgcgacctg tggttttgca gatgatactg ctaggatgt tggtagttaa 240
 gaaaaggcca acttttcaaa aatactatta gtgacatgtg gacctagtcc tcctgaagag 300

<210> 2145
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2145
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 cctcaggcga tccaccacc tcagcgtccc aaagtgtctg gattataggc gtgagccacc 120
 gcacctggcc tatgagtggc cttttaatta ggaacaaatc taatggaaaag gagagttgac 180
 tgaagtggc ccacaggatt gtgagctggg cagtgccttc atgaaggctt gccacctgg 240
 gacgccccag tttactgggg tgtcttgccg agtgcagaag gctttctggc agctgcctgg 300

<210> 2146
 <211> 282
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(282)
 <223> n = A,T,C or G

<400> 2146
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 cttgaggtac aagaaaaactt cagggtagac aggaaggagg cgtggtgaaa gtgatgaaag 120
 gggagagtag aaggggtcacc tcnncccat cnnncacctc tnnctctctn cccnccctcc 180
 ttccnttctn ctncancnag ntcccnccnc tcnncaentt cntnctcccc ntaccccnnc 240
 ncntncnnnc nnncccccanc nacnggctcg ccctcnagct tc 282

<210> 2147
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2147
 gattcatctt cttgttcttt aaaagtcaaa aggcctttttg accttttaaat aactctttaca 60
 tctggtcatc actgttgaaa tggtctacta aattttcaga gtggaaaagt tttaggctta 120
 aaactgactg gtaaaaatag aatatttctt tgtattgatt ttccagtata gctgtacagc 180
 cagttatcct tcgttaagtg ttctgggtatt aaaactgctc acatttgtaa atattgagca 240
 gctttattgt cagaacaaga atcccttggt ttcccaatcc ccaactttta acattgtaat 300

<210> 2148
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2148
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 actctgactg gggaaactag gtagatagat gatcatgaag aatctgagga agagcagaag 120
 tcgtacaggt aagaatgaat gcattcatta atttattcag caaaactgcc tgaagaatac 180
 catgtgcagc actgcgggac aaaacagggc ttgcattccc aggcgtgtact cttgtgagga 240
 caacaagaag gaagtagaga aacacacaag aacaatgcta agatggggaa actccatacg 300

<210> 2149
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2149
 agaaggagg aagaaaaggaa gggagggagg aagggaggga gggagggttt gaagttaaca 60
 aatctatatt tggtttgaa aatatggtca catagctata ggcattctgc agaaaacatc 120
 attccttggt aatagtcaaa taacttagga atttaataat aattatacct aactcttatt 180
 gagtacttaa tatgtaccag gcatatagta tataaatata cctatatagt atataaaaat 240
 aaattgtaaa attttgtaaa atatataata atttttaatg taaatatatt tatattattt 300

<210> 2150
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2150
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 agctataccc ttgggagtct tttgttgagg gagaataaaa tgcatctttg caaagccact 120
 gatattctgt ggttatcacg gcagtttaga gaggaaggat gggggaaagc tgggttgccg 180
 tctaggcctt gacacttcct gcctttgtag tgttaggcaa acatggcaac cccagaaaac 240
 tcagctgcct cagttttaag gcatgcaggg tctttgtgag gaccatataa gccacgtgga 300

<210> 2151
 <211> 300

<212> DNA
 <213> Homo sapiens

<400> 2151
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 agagaaccta cgctgagaac tcaccaccag aaaaaatata tgctttttaa agcacagtgc 120
 acaatagtac tttttaaaag ctaaaagagc taagttttaa gttaaagaca cgtatgttct 180
 ttgacacaga tctcctaaaa gtctgacaaa attagaagta ccagcacata aaaatagatg 240
 cccaagaatg tttattgaaa aaagctgaaa acccatgact atctcaatag gacaatgaca 300

<210> 2152
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2152
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 gtgaagacaa cgcaaaacttc aaatgctcct gatgtaaatg atgcaattgt gaaactattc 120
 aatgattttg atgttaagga aacctcccat cathtagtga tttctcatct agatctacac 180
 atatgtgatg acattcatgc taaagaaaaa gagtcaaaca gacgtattac tggaggggca 240
 atgcaactct cttttacaca gctaactata gattattatc cttatcataa agcaggagat 300

<210> 2153
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2153
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 ttacaggcgt gagccactgc gcctggccgc caatagtgtt ttaaattggca caaatttgaa 120
 tgctccccc ttaagatcag gaaaaaggaa aggatgtctg ctttcaccac ttctgttcaa 180
 gggtgtagca gtgagataag caaaataaat aaaaggcatc cagattgtaa ctgtgctttt 240
 ttacagagca ggattttata caactgggtt cacaataat tttaaagatt cactactcaa 300

<210> 2154
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2154
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 aaggagtggc tcatctttcc tctccctggg gcatttttgg gtgggagact acaggggatg 120
 aggttaaaaa gcttggtcgg caggttagagg atggggagag aggttagggc cctgggaaag 180
 gtgagagatc agccagagac aggtttccca gaacagaatg tctggccttt gtggtgagga 240
 gggactgtgg tatgagccgc agaagcgggc caggggtaaa ccctcctgtg cgtccttct 300

<210> 2155
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2155
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 tctatggaat gcaatttaag gacattaaaa gccttcttct tgggcatgaa atcttaccat 120
 atacaagctg ggccctgaaa gttaatttcc ctttagtctt atttatgggg cctatgatta 180
 acctgctgct ctccatcctc ttccctcatc cctgggccac atgactacca agtccaagga 240
 tgctgcccac cctcttgcac agtgcccttt cctacaactg ccaccaaact cagctgacag 300

<210> 2156
 <211> 300
 <212> DNA

<213> Homo sapiens

<400> 2156

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tcttcctgt	ccccaaaac	ctaccagctt	aacctcctt	tgtgccatgt	cactgggtgc	120
tgtggctgca	cgtaactgga	atggaacatg	ccttgtttcc	cactcagccc	cctttaagct	180
acatcctgaa	ttccccaaac	cactcttcc	cgtacctgtt	ctgctgcacc	caggtgctg	240
cacggacagg	gaagcatctt	ttctcggtag	tgcactgtgc	ttcagagact	gggtccccct	300

<210> 2157

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2157

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gatgggaata	agccttggt	ctgttctct	tgcatactta	gcccattgga	accagtttc		120
tggcctcacc	aggaatgtt	ttgtgcttg	agctcctgt	ggccttgcat	gatgcctccg		180
ttggtcctta	caggaggtga	ttggctggcc	acctcacttg	ctttctcctg	tggacccttc		240
tttctctgtc	cttccttgaa	tgtgccttt	gtccctcatg	attatgctat	caacattctt		300

<210> 2158

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2158

gacctttcct	atagagaaga	agagtagtct	ttgcaaattt	gctttacatt	ggtgaaaaaa	60
gtcatcattt	cgaagccact	catttcacg	gaattgggag	ggccaccatc	ttatagctgg	120
gcttggaac	ctttgacttt	tcccagtata	tattggacta	ttttgatcac	tgctatatgc	180
ttctagttcc	tcaatcagta	tctgccacag	aggaggccct	ctaaattttt	tgtggaatta	240
cttaatgaaa	tgaatgagtg	attattcgcc	ttcacaggat	tgtgtgagac	catataaggt	300

<210> 2159

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2159

gcactagtgt	atcttaaagt	aagagaatga	cttttattca	agaaatacac	aacaggcaag	60
tgccgtatac	caggaattgt	tcaaggagag	caggtagttt	gtcttatatt	ctaacgtggg	120
agaaagaaag	caaataaatt	acatgaattg	attaattgat	cagttgcatg	gcttttagta	180
tacattttctg	tcagtctgcc	aaccagcaca	ggtcctttat	tagcatggga	gaagggcctg	240
atcactgaaa	gtattataga	tttatagagt	attgaaagga	aacttaagga	aattgggggc	300

<210> 2160

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2160

tatctattgg	cagcaaagac	tgtttattgg	tatactacaa	tatgatttaa	cttttatttt	60
ggggataaat	agtataaaaa	agtgaacag	aatgaaggca	ggtgtttttt	attctaata	120
tggaataata	cagagatact	ggacgatctc	tagcagttaa	ttattgtgac	ccatataaaa	180
ttatacaggt	cacagtataa	ttctctatta	ccgtttttac	accagtaagt	cttagataaa	240
ctaagcatgc	ttatgaatta	tgtatacagt	tagaatgcat	tattttttaca	gaggaacaat	300

<210> 2161

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2161
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 ttaagacaaa cctgttgccg caaggctgat gcacattgga tgatgactgt tttctgggtc 120
 cagatcttgt ctttgtgata taggagttat ggaatgagcc ctggacagga tcctaagatc 180
 cgggtttgtt cctacttcta ctcattaata gcagtttgac atttaatatata ggaataatgt 240
 taacttgtca cttaaaacaa gattctcttc atcttgtttt caagatttca agattctttt 300

<210> 2162
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2162
 gttggccttt tctcttcaga tgtttacatg caggaagtgc ctttgataaa gtatggtttg 60
 ctaacatgag tatgatatgc atgcgcattt ttggatgcca aacacatagg cagatgaaac 120
 taagaagcca gatgctaaga tagttgttga tgaattgaaa ctagcctaac tggctccact 180
 gttggagtca tttgtcctaa ctactccaaa cttttgtttg gtctactgaa aacattagtt 240
 ggaaaggtac agcgtaatt taaggcaggg aagcctccag cacgtgagag tcgtgtctct 300

<210> 2163
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2163
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 gctgccatgg caagagaatc tttgttccat gttattctgt aatgcaggaa tgagacaacc 120
 tcatagaagc tcttgagtga cagatttcag cagcattcag ggagagcttg attggcaaga 180
 atctcagtta cttttgtcat tagtttcaat ctgctgcctt gcaaaacccc tccaaacggg 240
 aaataagctc ctcgactga gtttccatta ttctccttta tccagagggc tcgtcgggtg 300

<210> 2164
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2164
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 ccgcggaccc ctcccacccc tgccttgccg gccctgcac atttaggata tgctcctggg 120
 tggggactgg gctgtgccca gggcctctgt ccccaggat gtcttgtggg gcgggtcggc 180
 cgttctgccc cccagggcac cccctgttgt aggcactggc tagggagggg caggcctcct 240
 tctgccccct cgagacactc ttgggagatg cttttccgt ctggctcaca gggggagggg 300

<210> 2165
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2165
 gcttaaggct acattaagtg gacagacttt atatggattc tctaatttta atcttcaaaa 60
 tgctatctaa tgtctcatta agacttgcac ataagtatc ttaagtacag tcattaaata 120
 tagtttaggg agatttatgt tcagatattg cttaaagatg ttttaatagg cccatttact 180
 ctgatgatat taatgagctc ttaatacaga ctaagcttct aaaactagtg gtaaagactc 240
 ccagcctgaa cacaacaact tgggaattaat gcctggtttg gacagatgcc tgagggtgag 300

<210> 2166
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2166
gagaaaagct ctcaggaat ctgtatggct tataagggaa acctgcagtc ctttctgaaa 60
ggggagctgt gaatatgact gctttgtaga aagatgtctt aggattctgg gtgaaaattt 120
ttaattcccc tcatgtagga atgtcacaga gtgtaccttt ttgacttagt attttcctag 180
taaaatacac ctttcttaag aaaatggcta caaagtcaga tgcattgtaa tgctttcagc 240
aagggtttat tgatcatctg ctttaggctg ggctctatgt taggtgcctg tggattccat 300

<210> 2167
<211> 300
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(300)
<223> n = A,T,C or G

<400> 2167
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aatgtctgtc ctccatagcca aagaaagggt gctgcttgca gagaagatgg gccatctttg 120
ccgtgatgac tcagtgggaag gcctgcgttt ttacccaaat ttatttatga cacagagcta 180
agggttttgt atttaaaatc ctttttgtcc atatgcttgc gtcattgtana ggttgtagta 240
cattnngcta aganattanc cccgatcaat tgagaattta ttggaacttn cngtgcaatg 300

<210> 2168
<211> 300
<212> DNA
<213> Homo sapiens

<400> 2168
atttaatctt ccataagatc tttcctcagt gtcttttact tcttctcctg ccatcagatt 60
cttaccttga ttgaaaagcc atgttaagtg caaggcaaat tctttacgtc tttatacaga 120
gattaacaat ctctgggtga tgggagcgtt aagtgtattt gctttgtcac tagtagatgt 180
gtgaggttag aaaagttgct gtcctttttg ggtctcagtc cctcagctct gcaattacag 240
gcagctcttca ttatttggtg caaattctat gtaaaattga taacacatat ccagattaaa 300

<210> 2169
<211> 300
<212> DNA
<213> Homo sapiens

<400> 2169
aaggaaacatt tcaaactttg acagattcag aaggaatgat atgatgagcg ccatgttccc 60
ttcaccata gtgttctgca tttggccagt cctatttcct ctgcgcccc agctgggcga 120
tgtaaatgtg ctcccagctg tcacatcagg ccactgatag acgccacagt gtgggatgct 180
actttcaaat gatattgttct tgtttacaag tcagtttcat agtattatga tgtaagaga 240
tttcatttca gaggtagcta agtttgaaca ccagctctgt ctttgaccag ctgtttagga 300

<210> 2170
<211> 300
<212> DNA
<213> Homo sapiens

<400> 2170
gccacatagc aatggagaac tgcaggactc aggtccactt gccagcagc tggcagggaa 60
gggcatgag gcagtagagt ccctacaggc caagaaactg agcagaacct atgcctccag 120
ctcaccagct gcattgaagc ccccagctgg caggagagact gctgtgaatg gacaggtga 180
gctcatcccc ttgaagaaca ttgagggaga attgtcaagt gctattcaca tgaccaagga 240
tgccaccaag gaggtcttac atgccaccat ggacctcacc aaggaagctg tgtccctgac 300

<210> 2171

<211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2171
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 gggccatgag gcagtagagt ccctacaggc caagaaactg agcagaaccc atgcctccag 120
 ctcaccagct gcattgaagc ccccagctgg cagggagact gctgtgaatg gacaggggtga 180
 gctcatcccc ttgaagaaca ttgagggaga attgtcaagt gctattcaca tgaccaagga 240
 tgccaccaag gaggtcttac atgccaccat ggacctcacc aaggaagctg tgtccctgac 300

<210> 2172
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2172
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 gccaaagttcc catataacag gtgcagggca tgcttcattt accattgaat ttgatgacag 120
 taccacaggg aaggtaaacta ttagagacca tgtgacaaag tttacttctg atcagcgcca 180
 caagtccaag aagtcttctc ctggaactca agacttgctg gggattcaaa caggaatgat 240
 ggcacccgaa aacaaagttg ctgactggct agcacaaaac aaccctcctc aaatgctatg 300

<210> 2173
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2173
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 aaggggctct ggggaacagc atagttttgc ttttaattctc cagcttgctc tcagtaaggg 120
 tgggaaggaga aagagaggaa gtatcgattt tacagacgtc acatcgctact gctaagaaca 180
 gacagaaaac ttgttgtaat aaccctgtaca cactgtagga gaactaagga ggcccctggt 240
 gtagcaatca ttttcccaag gatgacggat tgtgaggcag gaaggtgtga aaagaggcag 300

<210> 2174
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2174
 gttagaagtt caatgtgagt ttagtgattc ccagggaaga cttagggaac cttggtttct 60
 gagttgtgct ctccctctgac tacgtggtga gtcttagtct ctggagtcag ccagatccag 120
 atcttagtct catggagtta gccatgatca ttttaactt ataattatta aagtgtctatg 180
 atgtacaaag gtgcttatga aactaaaatt tgaggaatta gatacaatga ctatgcggtt 240
 ttgcttttta gtaactgttt ctcttactt cattgatcca aagtgtgatt tttaaagcta 300

<210> 2175
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2175
 ctccgttgaa cgaagccagt tgtgtagggt cagtgccatt ttctgtcacg atccagcagg 60
 ggctccacct gcttttgaaa actctccagt ggaaacatct actaactctg acctaaatca 120
 gtagctgctc aaaatctaça gactactggc ttaaaactt ggtaagtgc caggggtgtag 180
 tgaaagttct caataaacgc cggctggtgg cgctgctgct actataagca acgttaggag 240
 agcctgggtc ggctgacacc tgcaatagaa acctgtacgc aacaagttgg atgtcacatc 300

<210> 2176
 <211> 300

<212> DNA

<213> Homo sapiens

<400> 2176

gacactttca	ttgttgtgcc	agctgggtga	aattaaaact	ctgatattac	tttttttgag	60
gatttttatt	tttggttttg	cttaaacata	tagtttgtct	agaagttaa	aaagctaaaa	120
gttaaaaatg	gtgtaattat	gaaaatctaa	caactcaagat	agtttctaaa	aggaaatcag	180
tagttaagga	tacctgattt	caaaatattt	aaagcataac	ctaactgatg	gtaggatgat	240
tgtatcttga	atatgtggta	gggccacatc	tattgttaga	aaaccttgct	tttatcatct	300

<210> 2177

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2177

gacaagcgct	ggagccgcag	ccctcagact	ggcacgggaa	cgccagcggt	gggtgttcag	60
attccacgcg	tatgtctggg	ctcactcaca	gcatggccga	gtgtctgcag	tgctggctct	120
gacccttcca	gagcagcagt	ggacagatga	gataagactg	tttcagaaac	aaagatggcc	180
acagccttcc	taacaagcag	gtcatctggc	catgtctgta	ttgtaactgg	taaaaggctt	240
caagtcagat	tgatgatcaa	gataagtcaa	aaccccagcc	caagattggg	aaagcagggtg	300

<210> 2178

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2178

gaagggtaaa	gtttccattt	ggggcctctg	gctcttgga	aagggcagtg	tctctaaacc	60
caggcaaacg	gtaaatgtgg	ggcataggca	agaggggccg	ggtagtggcc	acttccccat	120
catgctcggt	tctcattttg	tgttttttag	tagaaaaaca	cagtgtgttc	ttttgccag	180
acattaatct	ttagaatgcc	tgtattttct	aatggtggga	tttctttcac	aaccacccac	240
cttaatatct	ccattgtgac	tcagaaaatc	agacttcatt	cgattcttta	gagaactata	300

<210> 2179

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2179

gcacgcagca	cccactcagc	acctcttaga	agatgcgtcc	gtagtatata	gtatgatttt	60
tcgaagggga	ttttgctcat	attaagggtt	gctttaggga	tgtccaggaa	gggtcaggta	120
aggaaatctt	caatctgctt	tctaattggc	ttagttttcc	cactgtcttc	gcaaaaggac	180
aggaatttcc	aggtagttt	gcagcttgct	tttcatcaag	cgaaatgctc	atgctgttgg	240
gtagatggta	atagaaacct	tttgctacct	ttatttatca	agagttgtgg	agccgaggaa	300

<210> 2180

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2180

aacaaatcca	tcttgaatga	acggaggaaa	agggccagcg	agaccacaca	gcacatcaat	60
gccatcaagc	gggagattga	tgtgaccaag	gaggccctga	atttccagaa	gtcactacgg	120
gagaagcaag	gcaagtacga	aaacaagggg	ctgatgatca	tcgatgagga	agaattcctg	180
ctgatcctca	agctcaaaga	cctcaagaag	cagtaccgca	gcgagtacca	ggacctgcgt	240
gacctcaggg	ctgagatcca	gtattgccag	cacctagtgg	atcagtgtcg	ccaccgcctg	300

<210> 2181

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2181

ctgtgatgg	tccccagctg	eggagggaaa	acagccttct	cctgtggaat	gtctttgact	60
tgaacacccc	agtccacacc	ttcgtggggc	atgatgatgt	ggtcctggag	ttccagtgga	120
ggaagcagaa	ggaaggtgag	tgggagaggc	ctgctgcccc	ctttccttct	gagctctggt	180
gacagcgggtg	ccagtcagtg	ttgccatgga	gtccagtaaa	gaagacatag	agagagctgg	240
gctttaggaa	ccagagagcc	agggctgttg	ccacctttcg	tcataggtga	gtaaaggagc	300

<210> 2182

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2182

tggaagctct	caggccaagg	tgattgacag	agatggtttt	gaagtaatgg	aatgtataaa	60
aggagaccag	tatattgtgg	acatggccaa	caccaagggt	catacagcaa	tgcttcatac	120
tggtcatg	catcccaaaa	taaagggaga	atztatgact	tgctcaaata	atgcgactgt	180
gaggacgtgg	gaagttgaaa	atccaaagaa	gcaaaaaagt	gtgttttaac	cacggacgat	240
gcaaggcaaa	aaagtcattc	ccactacgtg	cacatatagt	agagatggaa	acctcatagc	300

<210> 2183

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2183

gggcatat	taactgtaat	cttcaggaat	gacttttctc	ctgaaagtag	gaattctctt	60
tctgctgtta	agtacagca	tgtgctggag	acattggaga	aattaccag	tcatgctaag	120
cagagatctg	gaggtcatcc	atggatgcag	ccagattctt	tctagagcta	caaaactgac	180
tttctaaaaa	gtcagcaaca	cagcgctgaa	gaacatttat	tgctacacct	tattttaaaa	240
ttggattcaa	tatcatccaa	tctagtagtt	ctcaatattt	ctacaaaata	gaatcactta	300

<210> 2184

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2184

aaaaaaacaa	aaaaaaaccc	tgttttcagt	gttatgggag	agaaatgaac	aatgggaaac	60
aaccgaggaa	agctggagca	ggttacgtat	aaaaataaag	tccattcacc	aaaaaaggca	120
ttacttacga	gttaccaggg	gtgagagata	ggatgctgaa	tggtctaga	aattaagcta	180
cccagtatgg	aagggtgac	aattcagtga	tcgagagcag	tgcttagaa	cagccaaaac	240
aatagcaaac	tgagatctgc	agaattaact	ctcctgaaaa	taacaaggag	gtactcattt	300

<210> 2185

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2185

cccgcata	ctctgctttg	ttccatgttc	acctgactcc	caggctagta	cttattccag	60
aggagagcct	cactgtaact	cagctcacca	ctggcatctc	ctgcaattgt	ttacccatgt	120
tcctgaccca	gaatgcctgg	cagaggcccc	ggagcccata	aagcaggtat	tcatcttgct	180
tcctgaccag	ggacacaaaa	ggcttctttt	gtccctttat	atcttatagc	tttttttggt	240
tttggctctt	gcaaggcgaa	tcctgccatc	tcctctgtag	attaagtctg	tgaatagggg	300

<210> 2186

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2186
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 aaggaaaaaa gtcccagggt tgaagccagt tgtggcctct tactaggatg attattgagt 120
 ctttcagctc tgtttcaaaa tctagaaaat gagttcagta ttacctgttt aaatttgtga 180
 ataacgcatt gatgtacacc ctggattccc taaaactgtc ttaactgcgt gagtccagtg 240
 gactcagtcg atgagtcata atccttagac ttctatcaga ctttctcccc tagcagtttc 300

<210> 2187

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2187
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 tgtcctctgg tagtgatcag tggtcagtct ttgaaaagaa aggacctatg aactcaactt 120
 tagttacagc aaagaaatga gtaggagacg gaggggaatgg ccagcagcca ttgaagaggg 180
 agagcaggct gggcccaagg gggaccaggt attggcagaa aggaaagctc aggggtgtcaa 240
 gtgggcctga gaagggatca tctggctgaa caagagaggt ccacatgtag ctctcagcac 300

<210> 2188

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2188
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 tctagacca gtcctctggg aaaaatcgag aggctgaatg gtgtctgtta acagattata 120
 gtcagtgaagg cctctttcct cagatgttgt atcttatcaa tggcagacat tttcaacctg 180
 aaagacacat gtcattaca agacttagta gtgctctaac cctgttttca cttatcagtc 240
 caagacgtag ccgacatcaa agtattcagc ttattacaga attgacttcc tcaaagtttc 300

<210> 2189

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2189
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 gtgggcttca ggcattggtt gattgggatg ccagctccgt tttgctgaga ttccattggt 120
 tctgctttct accgtgtttc agcccggttt aggtggcaaa acagtgggtg aaatgttagg 180
 cttcacatca ccgtaccaca tagacaaaa tgagagctaa tatccaggat gagaatgaac 240
 agctcttcta atcagggtgt cataaaaaata aggaagctta ttttatagaa gcctttacca 300

<210> 2190

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(300)

<223> n = A,T,C or G

<400> 2190
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 tgtccttttg caggtctgat cagtaaaagat gccataaacc ttaaagccga agcactgctc 120
 cccactcagg aaccgcttaa ggcttcttgt agtacaaaca tcaataatca ggaaagtcag 180
 gaactttctg aatccctgaa agatagtgcc accagcaaaa cttttgaaaa gaatgttgta 240
 cggcagaata aagaaagcat attggaaaag ttctcagtac gaanagaaat cattaatttg 300

<210> 2191
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2191
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 ggcctgggtt ccccggttg cctggttcca agagggggccc gtcgtcctgt gctctggggt 180
 ggccttggga ttaggagagc ccagctaaac aaccttccca tcaggctcct ggtcacagca 240
 cgaggcttta acgtcagccg agcctggcaa agaaagtgtc atattatggg gctttaggat 300

<210> 2192
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2192
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 tctcttcggc agaatcggaa gcagcaggct ggcattttgtg catgagctaa gtgaggacaa 180
 ggagtcagg ttttcagcca ctgcacacag gctctgtggc ctgcgaccgg tcctatcctg 240
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<210> 2193
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2193
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 gccagcgct gaggtagagc cagcccaagt tcggccactt cctcgagttc atggatgagt 120
 tctgccagga gccacagcc agtgactcac aaggctagag ctgtgcatgg gggctgtgtg 180
 caccaccgg cctgtgccc agctctcccc gagggctctg tgccctggac cgcacctcaa 240
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<210> 2194
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2194
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 gcatgagctc cagggtctgt aaccagagtc ataccctggc aacagccatc aacactgaag 120
 aggacctggg gccttcgagc agagcttgtg gctgcgggtg ccattttaga tgatgtcatt 180
 cagctccctg gccatgccct gtttcccacc cacctcacat tgggtggctgc tcttttttct 240
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<210> 2195
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2195
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 gaatgaagg ttagagcttc attcttttgg aagaggaggc tggagaccac aggttaaatg 180
 caggctgcac gctcttggcc ggccctggaa gggctcttcc tccctccttt tacactcgca 240
 gacaagcttg tggatgctca ataaggacag ctgccgtttg gacagagatt aatcatttat 300

<210> 2196

<211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2196
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 ccctgtaacc ataactgtgg atcccttact tcagcaactc aagtctgcta ccctaaccac 180
 aagattcaag attatccaca cccagccct taatcccat ccccaaatc actggatcct 240
 gcagcccccac atcctaaggt ggatcccacg cttccctgtg cccctactg gatcctggac 300

<210> 2197
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2197
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 gattgacagt gagatttcaa atgggtttaa gattgctctg caaagagggt aactgttgag 120
 attgatacag gctatcttca acatatgtac attgctgtat atgacattta cctaccattg 180
 tgcattctggg acttccctgat ggaccacag aattcccttt tcttcccat ctcttcocaga 240
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<210> 2198
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2198
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 ggagacgaag gttgcagtga cccgagatcg taccactgca ctccatcctg agtgacagag 120
 cgaaactcca tcttggggga ggaaaaaaa gaaagtaata gggaggcaaa tcagaatttg 180
 tgtgggagta cccctagtt ctggctcttg ttagtatact caacctgtca ggctattctg 240
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<210> 2199
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 <212> DNA
 <213> Homo sapiens

<220>
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 <222> (1)...(300)
 <223> n = A,T,C or G

<400> 2199
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 ttgttgataa cctctcaata atgtttggtt tacatgccag taattaaatt aattcaacat 120
 gaagttgaat ttgatgaagt ggtcatctat ccaagtattt ggcttttgtt ttgttttgat 180
 ttgttttttg agttggagtc tcgccctgtc acacaggctg gagtgcagcg gtgcaatctt 240
 ggctcactgc aacctccgtc acctgggctg gagcaattcc cctgcctcag cctnccaagt 300

<210> 2200
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2200
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 atattttact attcatgagt ttagaagagt gtttactttc ctgagttttc atttcttct 120
 ttttcttctg tcataggtaa ttacagagc aaatagccac cagagaggat accgtaaggg 180

atgtggaaaa	tgagttcctt	tgcgcttata	cagtgaaggt	gattttcagt	caatgagcat	240
tcagtatatg	cctgggactc	tggtctttatt	tttttagcttt	gtgatgcaa	acccatcaat	300

<210> 2201

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2201

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gaggagagct	gcaatgatct	aaaaatatgt	atatgagcac	tggtgtccaa	ggctgtggaa	120
gatccaatat	ggagatacag	aaaagggcac	ggagcttggc	aaagagaggt	gattgacttt	180
tgaagaacag	aagccaggct	aggatgggag	aagcatgaat	gaatggatga	tgaggagcag	240
ggccaccctt	gggctaaatt	gcaaagcagt	gcatgtggag	gccccctttt	cccttgtggc	300

<210> 2202

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2202

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ttttactcac	aggtattttg	ggggttgctt	tcattttctt	cagatcagtg	ccacttctgt	120
gctaacggta	agagatagat	agacagatag	gcaatgaagt	gttcaactta	ttaccttggt	180
ttttagttaa	ctaattatta	cattcatcgt	ttttgtgatc	acaaaaacac	aaagaaggag	240
gtctgcctgg	atgggattac	aaagatttag	ccagtttctt	ggtatataac	agaaggtacc	300

<210> 2203

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2203

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gaaggatga	tggaaggctt	tctggcatgc	aacgggagcc	gccctgcttt	cccccgatgt	180
gtctattagg	acatttctgt	gacactgcct	ggcgtctgca	acctgctacg	ttgctcactg	240
atggaaggaa	gaggcctggc	cgtggtagtg	gaaagctgag	ctctgttggt	atatgagagt	300

<210> 2204

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2204

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ctttcccagt	aagcatcagt	tcagaaacaa	atttaagtaa	agaaatggaa	tctgtaatga	120
aagatataaa	aaataccact	cagaagaaat	atagagacta	tagcaagacc	ccgggctcac	180
cagacaatga	ttttctcttt	atgtactctg	ttgctagaac	caatttagaa	cttgaattga	240
ttcatcgagg	aggcaatttg	tgttcagggt	gtgcaagcac	agctggcaaa	aggtcttggt	300

<210> 2205

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2205

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aattttcaga	ggcaaatcag	aaagtcacgg	gaatgattga	cttagacacc	agcaaaaata	120
ataggattgg	gaaaactggg	gagaggccct	ctcaagagaa	cggaattcag	aaacacagga	180
catcgctgcc	ggctcccatg	ttcagcagaa	gcgacttcag	cgtgtggacc	atcctgaaga	240

agtgtgttgg cctggagctg tccaagatca cgatgccaat cgccttcaac gagcctctga 300
 <210> 2206
 <211> 300
 <212> DNA
 <213> Homo sapiens
 <400> 2206
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 acatgtcaaa tgcaagactg tgtgctctta atgacatcta tattaaggga tctgaatttt 120
 ccatcataaa tgaacatggg agcttaccac atatcttctg ataagtcatt cagtgtctcag 180
 gttctatgtt ttttctcctg tagaagagtg aagaaactac acatcaccaa aatattgtaa 240
 ggctaagtaa taataacggg gactgggaaa atgggaaatg agatagcgtc aaacgtttgt 300
 <210> 2207
 <211> 300
 <212> DNA
 <213> Homo sapiens
 <400> 2207
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 ctggctaggg cctcatttctg tttcatttga ctgctgtgac acttggttcc ttcattggtat 120
 ttagacttcc tgggttattt cccaatccag actcatgttc tgtttcatga gtgcccattg 180
 caccatgca cttattgagg tgtgtttgaa agcagaattt aaaaatttga tctcagttat 240
 tgaacatcct acgctatttc agaaagggat gcttcttaaa ttctgaaaa ggaattcaat 300
 <210> 2208
 <211> 300
 <212> DNA
 <213> Homo sapiens
 <400> 2208
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 aaatatcctt ttaaaaactca ggcaaaactgg gtgtttgtct gtatcctgtc agaggaaaca 120
 aattgaaata gatttactgg aaagtcttac acagttagtt actaagcggg ttgtttgttt 180
 tgtttcgaga cggagtcttg ctctgtcgcc ctggctggag tgcagtgggt ggatctctgc 240
 tctctgcaag ctccacctcc tgggttcacg ccattctcct gcctcagcct ctggggtagc 300
 <210> 2209
 <211> 300
 <212> DNA
 <213> Homo sapiens
 <400> 2209
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 agtttataac aacactggct tccacagcac aggaggtgag catgtgttaa tatttaagat 120
 tggcataact ccctttaggg gcaagtgttc aggccaaaat gttcctgagg cattttgatt 180
 cctcctcctg ctgcccattc ataccaagcc cagaaaactgt ctggaatata ttttagtttc 240
 ctgaatgaca ccaagaagta gaacagtcct ttcaaaaatg tattttaaaa ataagctgaa 300
 <210> 2210
 <211> 300
 <212> DNA
 <213> Homo sapiens
 <400> 2210
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 ttggtgggtg tttttgggat cactgctggg gccaccggg ccaagctagg ctccgatgag 120
 aaggagttga tctgtctgtt ctggaaagtc gtggatctgg ccaacaagaa ggtgggacag 180
 ttgcacgaag tgctagttag accggatcag ttggaactga cggaggactg caaagaagaa 240
 actaaaatag acgtcgaaag cctgtcctcg gcgtcgagc tggaccaagc cctccgacag 300

<210> 2211
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2211
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 ccagttcact cacaggagtt catattctga tggaggagac agaaaataag ctatagcata 120
 tctgtgcttt gtgaatttgt cattgctgcc tattcccgtt gccttttttt tacatctgta 180
 tttctgtcat ctctgtccta cctggctcat cagggagggt cagaaggctg aagaaagcaa 240
 agtccctgag gactcactgg aggaatgtgc catcacttgt tcaaatagcc acggcccttg 300

<210> 2212
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2212
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 caagcttgca gattctgtcc ctgttctgac cgggggtcac agcctagtgg tagaacagga 120
 cctcctgcta agatgctgga aggacccttt gggggagctg aggccctggct cccctctccc 180
 caggcgcagg tgcacaggcg tgtgggctgt ctgcaagcac agatcctgcc tcacagcacc 240
 attaccacaa taactgaatc tgtgtttcct ggctgctgtt aattgtgcta gagatttggg 300

<210> 2213
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2213
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 actagtcggg ctttgcacac agcgacttct ccgtaaatgt tgactgcagg gcagaaagaa 120
 aggctaaaag ttcttaggag aatgtttgct tttgcatgta tatgctggcg atgctaataa 180
 gtcccagcta gacctggcag tgagtaagtt caggggtggc aatttaattt tcttgctatt 240
 agtaaaacaa acagtaggtg ggatgggtgg taagcttaaa tatctctgac gcgccattta 300

<210> 2214
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2214
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 ctattagatc taagacctaa gaggaacctc cttgttttg gctagcgggt acagactttc 120
 ttactaaaag gtgggtgtat ttcctagaat agcattttct gttgagtaga gatgattttc 180
 agcaatgtgg ctggctactt agcttcaaag taattattga gtgtgaaagt aagcagttgt 240
 aatacttttt aaccactgtc tgtgttctta ccaaattggaa aacaacactc gtcttgaaac 300

<210> 2215
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2215
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 tcccggccga ggccccagtg catggagaga aggaagaaat caatttccta attggtacca 120
 tatacatcag atggatgggt tctagtgtgc ttccaaaccc cacctcggct gagtgttggg 180
 cagcacttct acatgatcct atgactcttg atatggacgc agtcctgtca gactttgttc 240
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<210> 2216
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2216
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 tgaacttatt tacctcctta gccctatgta acaggtaaga aactaaaagg tacagaaaat 120
 agagatgttt gatttttcta agttgcccc agetaccgtt tttaaaaacg cctgcaagca 180
 tgtctaaaac aggagcctgt tagctacagt tgccaaaccg gtttaacagc actgcctcca 240
 tgtattctgg gtaagaagga gctccgagta cataaattta tcaaagatca ctatcccaat 300

<210> 2217
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2217
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 ctgaaaaaat cctatttgtt ggagaatctg tccagatgtt tgagaatcaa aatgtgaacc 120
 tgactagaaa aggatccatt ttgaaaaacc aggaagacac ttttgctgca gagctgcacc 180
 gtctcaagca gcagccactc ttcagcttgg tggactttga acaggtgggtg gatcgcatc 240
 gcagcactgt ggctgagcat ctctggaagt tgatggtaga agaatccgat ttactgggtc 300

<210> 2218
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2218
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 acatgatgtg ggttggggtg tcaattcatg gttaatacaa catgtgtggc tcagtataac 120
 cagattgtca taagaagctc aggcagctct cccctctgtg tgctggggc ttttcgcagt 180
 tacaataaaa gtggaaagat gaagaataag ggcaagcaga agacacacac atttgctgt 240
 ttccctcttt ttgtccagat tgagtagatg ggaggcaggg ctgttaccga tgatgggtgt 300

<210> 2219
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2219
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 agattttgcc atcctacatt ccagtgaggg ttgctgaaaa aatcctattt gttggagaat 120
 ctgtccagat gtttgagaat caaatgtga acctgactag aaaaggatcc attttgaaaa 180
 accaggaaga cacttttctg gcagagctgc accgtctcaa gcagcagcca ctcttcagct 240
 tgggtggactt tgaacaggtg gtggatcgca ttcgcagcac tgtggctgag catctctgga 300

<210> 2220
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2220
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 tcttatctgt ggcaaagaat attctctata ttctgtatac atcatttgag acttaaatgg 180
 gtttcaacag atccattctt tttgtagatg taggaaagtt tgacatatga ttgttctttg 240
 ccaaatagcc acgttcgcgg gattcctttt gatggaaatt atttattagg acttaaaaaa 300

<210> 2221

<211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2221
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 gcatggacca ccagtggttg ttgaggtggt gaagtgtgtc cccgttaact ccactctggg 120
 cagtgaactg aagagggagc aaagcccagg aaatgggcct tcgtggcagt ggtggaggta 180
 gagtgaccca cagcaaacct cccacttgt ccctgaccat tcagtagttc cagaggcagt 240
 gagcttgga tcttagcaag agagatcttg ggggtgggtg tggactttcc acaaaggcat 300

<210> 2222
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2222
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 gattgtgtct ctgtctttcc ctctgtcagt gcagccagct tattaaggcc ctaggtaggc 120
 tcccagcttt cattgttatc actgactaaa acccttgccct gttgatattt gctgagtgtg 180
 gaagaattta agctaagtag gaaggagtcc accaaatttt acaaggctta aaaacagtta 240
 gaatataaac aagtgatccc aaggaaggaa caggatatgg tttattcagc tagtctcaaa 300

<210> 2223
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2223
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 ctggctgtct gcagatacta aagaagagcg ggatctctgg atgcaaaaac tcaatcaagt 120
 tcttggtgat attgcctctt ggcaacctga tgcttgctac aaacctattg gaaagcctta 180
 aaccgggaaa tttccatgct atctagaggt ttttgatgtc atcttaagaa acacacttaa 240
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<210> 2224
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2224
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 gtggattcag ggtaaaacttc tcagactgtg agcctgagag ttccctctcta ggaggctcca 120
 caccattctg cctgctagat cggggccaga tgagatgaaa gtcaacgctt gagaaagaaa 180
 accaacaatgc attaaactgaa acaccgtctt cacttgttca tccacagggt atagagcgag 240
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<210> 2225
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2225
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 taagccagga atcaggaagg aactgcagat ttcttagaaa gttgtagtgc tctatgaggg 120
 cacttagcca gttgttttga ccgactagga agataatcac actgagctga tacaatcgtg 180
 gtgctaaaagt atcataatta ttaaaatatt agtcctatgt gttctcaaca catgtaaagg 240
 aagagtgacc agattgatct taatcagaaa tgtccagtta catgtcggcc gacagcattg 300

<210> 2226
 <211> 300

<212> DNA
<213> Homo sapiens

<400> 2226
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taagctgaaa agtgacgtgg ttgaatttct gatttcagaa agatcactga tgtgatgaga 180
atgaataact ctctggagtgt ctaggatgtg ggggcagga gctagcttag tatattattg 240
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<210> 2227
<211> 300
<212> DNA
<213> Homo sapiens

<400> 2227
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cttattttaa aaccttcact tggttaactt tagaaactca agaattataa actcaaattt 120
atacttcttg atacacaaac ttaagaacta aagctatctt ctgactcttc tatttgaaaa 180
ggtactaaca cttctttccg tcagtctctc attcttcatt tttggttgga tcctgtggaa 240
ttttgtctta gtctagtaaa attaaattat tatcacttta atgttttgta gctctttttt 300

<210> 2228
<211> 300
<212> DNA
<213> Homo sapiens

<400> 2228
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agaactgatg ttgaaaatga tgtctactct ggaggcagat tccattttac aggcattaac 120
aaatacatct cctacattat cacagtctcc cactggaaca gatgattcac ttctaggggg 180
tttacaagca gcaaaccaaa ccagccagct tattatacag ttatcatctg tcccaatggt 240
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<210> 2229
<211> 300
<212> DNA
<213> Homo sapiens

<400> 2229
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aggcgacagg ctcagtccac aggatcccg tctgccccag gtgctctcac ctccttaggc 180
ctgcctgggt catgggtggg gtggtcaata agatctttcc ttggtccag tctctgcctc 240
cagcctcctt gactagccca cctgcttacc tttgggtgga tcccagaaac ctacggtctc 300

<210> 2230
<211> 300
<212> DNA
<213> Homo sapiens

<400> 2230
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agtctatagc atggtgataa aaacaggcct caccctcttt ctctaccac acaggagcat 120
ctcagcttga cttcagggat ccaggagcca ccagccaccc tgtaaacagc ccagattaat 180
cctgggtttc agtgtcatgg gaggaaggaa ggatgaccta gtaaagagca acttacttac 240
tttctttggg gtggtaaactc attgctgaac tctggatggc actggtgcgt tcaaggcaat 300

<210> 2231
<211> 300
<212> DNA

<213> Homo sapiens

<400> 2231

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cttctgcact	atcaagtgtc	ttctacttcc	tgcttaagtc	tctgttgccc	atttcattaa	120
gacagaagtt	tctattattg	ttaaatttga	actgtatcta	tggtataata	gtaatggtaa	180
ctcaatccaa	aggacctaat	aacaggaagt	aacatgtctt	acatatcagt	ttatatattgt	240
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<210> 2232

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2232

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ccagtagagt	ttgcagctgc	atggagagat	gaagcaaaac	tctgaacatt	caactgcatt	120
aaaaaaaaat	catgccaaaga	gggcctttga	gcaagaaatt	cttgagatt	tatgacaccc	180
gatgcctgaa	ctctgtgtgt	gacatcaggg	ttatggctct	gtaagctctt	aaccctgcag	240
ctgaccagct	cagcttctgg	ctgtactagg	ggttgatgag	gttcaactgtg	gttgtttgta	300

<210> 2233

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2233

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tatatgggta	ccacagtatt	caattcaagg	gggcaaaata	gagacttttt	aataaatggt	180
gttgaataaa	attatagtta	tttgttcaaa	gagttataat	tttatgcatt	ccttacacca	240
tgactagat	gatcctccaa	atggattaga	ctgaaatgga	aagaaaaaaa	gggtgaattc	300

<210> 2234

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2234

ggaaaacgga	aaaaactcaa	gagtgaaaac	taagtgggtg	gtgaaaatgt	cattgtgcct	60
gggtggttga	agtcattaaa	gtcagagagc	caaaaatacc	taacagagtg	gagcgaaaaa	120
agagccggac	agaacagtga	gaataatata	tcactgatgt	aaaaacaact	catatgatgc	180
ttgtaaatgt	ggaaaactata	actatccctg	gaggggtata	gagatgagtt	caattaggag	240
ggaaaactgag	tgacaggagg	acaaaattgg	aagggagatt	tttactgtat	aactttgtat	300

<210> 2235

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2235

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tggtgcttct	ttttctttat	ttgtaatagt	ttccccctcc	actcccactg	ttttcttaac	180
atggagaaac	ttttttttta	attgttccca	gtgaatgctg	tctcttccca	tggtgactcc	240
attcacttgc	catgaattga	cttagtgcca	gacctctgtg	ccttcttcat	gtaaccagct	300

<210> 2236

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2236
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 gccagcgcac ggtaggggag gcatgggtgg ccagcccgcga aggagccagg cctcccagca 180
 ccccttcctt tgtgtggcct cctcccacat gggatctcag ccggtcctgg cttcaactaa 240
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<210> 2237
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2237
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 ggaaaggccc cggtaggggtg ctgcctcccg gggacagagc cgagcccaac agcagccacg 180
 ggaaggatgt gtccagaccg cctcatgccg ggaaaactgg gggcagctcc cccgagacca 240
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<210> 2238
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2238
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 gacaaattct tactttatct gaatttagaa gtcccttaaaa ttctattcaa attcaatttg 120
 tagggcattg aatttagtggc atttttctct gataggtttt ctgtatctta tgagaaattt 180
 tactatacaa tcctcgtatg ttcataaggga gaactgatct gctttcacta aatccagagt 240
 atgccagaag atctgaccat aagatactta atttctggta aaattgaaag tttttttggt 300

<210> 2239
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2239
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 atggtgtaag cataaggatt tattgaatga agtatgaagt gtggttttta tttgaagtca 120
 aatatgtggc agttggtgtt catttattct ataaactttc aaaacagatg acaagtttta 180
 aggaaatggg gcctaatacc aaatttggtt gaattaatga attccaagat tctttctagc 240
 tttttctttt taaagacagg gtctcactct gttgcccagg ctggagtcca atggtgcaat 300

<210> 2240
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2240
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 tgatttccat ccaaggtaaa attctagaat ggattattaa aaggatctta accaaataga 120
 cttggaaaca taatcagggc atgtgcacgg tcctgtcttg gagtaaagaa aactatttgt 180
 acagaagagt agagacctaa tttagcattt tccggcaatt tgacattgct ctagaagttt 240
 atgagagaga aatgcagatt atgaaattat ttaaaaatat acctcagagg agcagggaaat 300

<210> 2241
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2241
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 gagccgcaga gaagagcatt ggcaccaagg agcaagaggg cacccccagc gcctccacca 120
 agcacattct ggatgacatc agcaccatgt tcgacgcctt ggctgaccag ctggacgcca 180
 tgctggactg agccctccag cagtgccac tgtgacctgc cgaagtccac tgcctttgcc 240
 ccagcacaga agaggcccct gccaccctag ggacgggcca agggctggtc aggtgaagt 300

<210> 2242
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2242
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 ggctggctct gaactcctgg cccctaata tctgtctatc tcaatcacc aaagtgttgg 120
 gattacagat atgagccact gtgcctggcc tatttctgac ttttttctt tttgtatata 180
 agaatatata tttcgagaca aattgtggat tataaatgga tgcttattta tctcgactgc 240
 ctttcagacc tttttccccc agccaaccag ttttttctt ctcaaagaag acacaggtga 300

<210> 2243
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2243
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 gtattgtaca gatgtatctt gaagattata atcttgggtg attattgcct attctcactt 120
 taggaataga tggatgagc ttatgacttg tgttgtataa cgaggtagaa atattgctgt 180
 cttctctgac atagcttctc aaagagatca ttaatgtatg atatctaata aaccatctaa 240
 tgcatgtaac agtgatcagc aaattaataa attagacctc tattcatgct taaattatca 300

<210> 2244
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2244
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 caaatacaaa tatctttcca gttagtgc atcctcaaat tgaacttctg gctgcaaggga 120
 aagctaggaa tgattatggt tttgttagta agggaaatta tcaaaatgga tattaggttg 180
 gctactagca gtcttggcct catgctttca gtaaatagtg tgcacttcag atcatgtggc 240
 attggagaaa ggaagaacat gtttaataa taacatggtt aggtcatgga gtcttgatta 300

<210> 2245
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2245
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 gacaaaaaca gtggttgaga acatgatggg attttccac atgggttgta ggaaagtggc 180
 tatatttgag actgtgaatg tcagcaaagc tgaggaacag gaggtcttcc atggagtaca 240
 cagtgccta gagcatcgtc ctttgaaacc cgtttcttct tatatccgct catagaggcc 300

<210> 2246
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2246

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aacagtgatt	cagtatatct	gaattatgga	ttatatggcc	atagaactac	aagcaaaaag	120
gatacacaaa	caaattttgt	agttaagaca	aatctgttgc	actaagatca	agaaatgtaa	180
tagatggagg	ccatgtagag	gttagaaatt	caaagaaatc	gagggtcaaaa	actggccaat	240
cataacggca	tagggattag	ttcctaaatt	tggtcacttg	agaataacag	tgtgaataga	300

<210> 2247

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2247

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ctggatttgt	ggtttttagaa	agatcatttg	gcttctgtgt	gaaagaggcc	aaaaccagga	120
gcagaaagac	cagttaggaa	gctgtgacag	cagttgagag	acgatgttgt	caaagtctgc	180
agcagaacag	aacaggggtg	acccacatg	gacatcatct	ctgctcttca	gtcacctgta	240
gtgcagagtt	ttgaagtagg	tctgagcatg	gaaccgtagt	ggttggaag	gaaatgccat	300

<210> 2248

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2248

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acctaaatga	gagttctggg	gaagagtggg	attcctctga	agaagaggac	tctatggtgc	120
ccaacttatc	gcctcttgag	agtcttgcc	ggcaggttaa	gtgcctttta	aaatattcca	180
caacttgga	acctttaaat	cctaattcct	ggatgtatca	tgctaaactg	ttggatccaa	240
gcacaccagt	ccatatactt	cgagagatag	gtctaagact	ctcccattgt	tcccattgtg	300

<210> 2249

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2249

aaaaccagta	ctcagaatga	gaaagagaag	gagaaagcaa	atatagtaaa	aatggacatt	60
tggaatatct	gggtgaaagg	ttcttgtatc	ttttctgtaa	gtctaaaatt	atgccaaagat	120
aagtaaaaac	aaaacacctc	ttttcttttt	acagttcttc	ctatttttca	tggtatttctg	180
aaaaggcaga	gactagaaga	aacttgttta	gctatctcat	tctgctcatt	taggggctct	240
acttttaaaa	ttaagtgggt	aaaaggaaa	cattttaccc	ataagtaaaa	gaatgcttcc	300

<210> 2250

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2250

acttgatttg	gtaatgaaag	acaaatagct	ttcataacat	gaacatacaa	aaatagatgc	60
tttgctgttg	ttcagttttc	tcaagactta	ctgttttaag	cttgtaaaat	taatgaacag	120
taaaatagca	gaaaatagtg	atacattgga	tgattttaat	agttttatta	gtgagatatt	180
tgagggtattc	gaattactac	aattctttcc	aatcctacaa	gttaaaaatt	ttgttatggg	240
tgctgacttt	ttaatgctgt	ttattctctg	aaggcagttt	tatgatgcat	ttagaaaaaa	300

<210> 2251

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2251

gtaggtgta	gctctaactg	ggagttccat	ttaggccag	ttttggcagg	aatactttgt	60
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aggtgatgcc	gtgtacatcc	cactgtattg	ccttgaaggc	acaggtatga	gaaggcacag	120
gtgtccggtc	attccacttt	cagcctgtga	ttgaccagtg	ggggcagggc	tgtgtgagtc	180
tccactttat	agcgcctatc	agactcccct	ctcatgggtg	tagcatccat	tgctcatagt	240
tgctagagcc	atgatttcat	taaaggttgt	caagtgatga	ctgtctaatt	tccatttatt	300

<210> 2252

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2252

atagtaaatt	agtcataaga	aggcaaacct	aaataacttt	gaacacagct	ctttgactat	60
ccacctgtgt	gtaaacaac	aaaactacaa	agaaattttg	tacttcactt	agttggtagt	120
gatctggtat	agcaattctg	aaaatatttt	ctgtgtattg	taggattaaa	caaataagta	180
aatataatga	tattcttggg	agctgggatc	ctcactatga	gagaagaaag	ataaaaaatat	240
ggagtgaagg	aaggcaaaga	agagctccat	gaattggaat	gagagattcc	acagattact	300

<210> 2253

<211> 296

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (296)

<223> n = A,T,C or G

<400> 2253

ctgagtttgc	tgaggcaggg	ggcagccggc	tgttctctca	cctgcactgg	aatgccccag	60
agcacctggc	ctggctgaag	caggctgtgc	tcgggttcca	gcttccgcag	atggaccttc	120
cacctctggg	ggccccctgg	ctccccgtgt	gtcccatggt	tgtccagtac	gcctcccaga	180
tccccagctc	acgccagaca	cagcctgtcc	tccagtccca	ggtggagaac	ctgtctccaca	240
gaacctactg	tangtgaag	ancaagagtc	ccttccagtc	catggggnaa	agccct	296

<210> 2254

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2254

agattaaatt	gaatatgtat	aatctttgtt	aggcaactga	tgactatact	tatttcacaa	60
ctggtaattg	gaattattat	tgataaaact	atagtgtga	ggccccagtc	tttacacttc	120
catttaataa	cttcacagtt	tcatacttct	ttgagatact	tactaatttc	aagtcccatc	180
ttggtcacaa	ggagtgtgtg	attagagaac	aattaatatc	accagttaaa	gaagttagat	240
tagaaatctg	aaccatccta	aacataagaa	gtacctgcat	cttcagagtc	ttatcccaaa	300

<210> 2255

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2255

gatcacacca	ctccactcca	gcctgggcaa	cgaagtgaga	ccctgtgtca	aaagaaaaga	60
aaaagagaaa	agaaaagaaa	tctgaaggtc	tgacaaccct	tggtcccat	cctcctatga	120
cttggaacct	agtcagagct	gccctcttgt	aacagggtgt	ggccccctca	tttcaactga	180
gtctgcttca	ttccttgag	cctccttgat	acgaagatgc	agtgacaggc	caggcactgt	240
ggctcatgcc	tgtaatccca	aggaggccga	ggcgggcaga	ttgcctgagt	tcacgagttc	300

<210> 2256

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2256

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gtagaaaagt	agtgatccct	aagaacagtt	ggagaaacat	atggtttgtt	ctatagctgt	120
aagcggtaat	tttgaagcaa	ttttgaaagc	attctttccc	tttaagaaaa	aaatagtttc	180
ttactgaaat	gacttttttag	gatgtcttga	aaaacgtagt	gaaattcatc	tagaaactta	240
caaggttgat	gctagccatc	acatgcatgc	tgcaatttgc	tgaaatgtct	tgatccaggg	300

<210> 2257

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2257

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actggctttc	catgtaagca	gagcacatca	tgtgagcccc	attcgtggat	gtcagtcagc	120
agaacagaat	cttggacctg	gagcttgttt	gtcctgtgct	agaggttgga	ggtgtctctg	180
tctttctgtt	ggttcctgtc	agttcaggtc	acttagagat	tctgttacat	acaccagctc	240
tgacaggttg	ggggagatga	tcaaccttcc	gcctgcgcct	gttcccttcc	ctgactcatg	300

<210> 2258

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2258

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gggaagagga	agtgaagttc	ctttttgatg	gtgttgagtt	tgagatgtcc	agtaggcagt	120
tagaaatctg	ggagggccgt	tgagctcatt	agtctagttt	tgggaaacgt	gtgtgggtaa	180
ggtaggggtt	gaggatatca	cccagggtga	caccagcctt	tcaggggcag	aagggaaccc	240
caccaaggcg	actgaggagt	gagcggatag	tttcaatttc	aaggaggggg	aaagaggagc	300

<210> 2259

<211> 239

<212> DNA

<213> Homo sapiens

<400> 2259

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gtttttgtat	gtctaataata	cagagaaatt	tccaaagact	ttttaatctt	tgcttagcat	120
aaggagttaa	gtcagtaact	attacaagga	aaaaatgac	agttttcatt	tgtcagttct	180
ataagcccca	ggcaagtttc	tttcggtttt	gactttctat	taattaacca	tatcctaag	239

<210> 2260

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2260

acacattctt	ccatttgtca	gtaagagtaa	taatttgact	gttttatttg	attttagcct	60
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acttattact	tgtgcaatga	aaaataataa	ttaaagatga	aagttaagcc	tgttaccact	180
ttcagagAAC	aacgtgacgt	tttggaattt	aaaatttttt	cagtagattt	gagaaaaact	240
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<210> 2261

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2261
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cagaagagat gaaacattat attttaaatt tcatatcaaa gcttctaata caacgttgct 180
agagccatgg cttggaaata aatcaggaaa aaacctcaa atacagaatc agttgtgtta 240
atgcactaga acttgccctc tgctttaaag ccataattaa tcattttaat gctggataaa 300

<210> 2262
<211> 300
<212> DNA
<213> Homo sapiens

<400> 2262
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aggctggaga gcgaagcacg aggcgcggag gagcaaaccc aacgagacgt ggtcgccgctc 180
tccaggaaca tgcagaaaga gaaagtcagc ctgctacggc aactggagct gctcagggag 240
ctgaatacac ggctgcggga tgacagggac gcctgcgagg ccaggcgggc gggcagcagc 300

<210> 2263
<211> 300
<212> DNA
<213> Homo sapiens

<400> 2263
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tgcttttgtt ccccatccac gtccccccca gtgctgaagc tgtttcgtgt gtccttacag 120
tgtttcctct gcacttccac ttgtgggtga taagtggcag ggggacaata aatagagttg 180
atgaaagatg ggcttgggca gcagtgggac caagtgaggc agaaatgaga aaaggactcc 240
tggggcagag gtggagtgac aaagccttga gcacgagggt gtgaaatgtg aacttggtgc 300

<210> 2264
<211> 300
<212> DNA
<213> Homo sapiens

<400> 2264
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agagcctgtt cctgcggggc ctgtccctgg tgggctggta ccacagccac ccacacagcc 180
cggcgctgcc atctctgcag gacatcgacg cacagatgga ctaccagctg cggctgcagg 240
gtcccagcaa tggcttccag ccctgcctcg ccctgctctg ctccccttac tattctggca 300

<210> 2265
<211> 300
<212> DNA
<213> Homo sapiens

<400> 2265
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cttaagaatt gtagtgattg ataagaagct aaatggagat gattaacgtg tcaatgatta 180
ataattataa caacattcaa acacttagaa attatagtat ttcacagat gtctttttaa 240
agaggcattt ctggccagtt gtggtggctg acctttggga ggctgagacg gctggatcac 300

<210> 2266
<211> 300
<212> DNA
<213> Homo sapiens

<400> 2266

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tagtttatgg	caggggaagat	ctgggaagta	agcaaaaaga	gccttttagtt	aggcaacata	120
gaacaaaata	gaggtcacag	gttccatgca	ctgaagaatg	gaattgaaat	agagactcca	180
gggtcataga	ctcttggaag	gaagactaga	gtacattcat	gaccctcacc	cttaattact	240
tcacaggtga	gaaaaccaag	agctacagaa	aataagttat	tcctcagctc	cagggctacc	300

<210> 2267

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2267

gagaaactgc	atthttggggg	ggthttgaaat	ccaaagaatg	cagthttgtag	gcagtcgaga	60
tccttgaaaa	atcaagatgg	atthttaataa	tgtattaaga	ataaattgga	tttgaatcaa	120
cacaggaaac	agggatthta	cttagagact	atthtcagtaa	thttgaaatc	attgcccag	180
attgtagttg	gtthtgthtat	aatgggtagg	ttatthtttt	gtgaatccca	aatgtactcc	240
atcaacattc	cattgaataa	thttacaaaag	caaacagcag	gggtthtatgt	thttctthtt	300

<210> 2268

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2268

atcacgcca	gctaathttt	tgtathttt	agtagagatg	ggaththcacc	gtgttgcca	60
ggatgtctt	gatctcctga	tcttgcgatc	caccgcctt	ggcctccag	agtgtggga	120
ttacaggcat	gagccaccac	acctggccac	agaagggatc	atthctaaat	agcatagaat	180
cacaggaggt	acacctcatg	tgacttcacg	thtagagtca	gcaththgctc	ataatgaatt	240
acatatcagt	aatgaacat	gacatgcttc	aactthcaata	atathaaaca	aaactctthc	300

<210> 2269

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2269

cccaggaggt	ggggaggata	agggcgctgc	atggaggacg	ccgccgcgcc	ggggcggacc	60
gaggggggtcc	ttgaaaggca	aggagcgccg	ccagctgcag	gccaggggagg	agccctgggtg	120
gagctcacc	cgacccccgg	cggcctggcc	ctgggtgagcc	cctaccacac	ccaccggggcc	180
ggggacccct	tagacctcgt	ggcgctcgca	gagcaggtgc	agaagggtga	tgaattcatc	240
cgagcaaatg	ccaccaacaa	gctgacagtc	atagctgagc	aatccaaca	thtgcaagaa	300

<210> 2270

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2270

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cttacatagt	gggtacttht	attatgtgtg	ataatactgt	gctgtgacaa	ataatataat	120
gaagaaatta	ataccaagat	tgctattctg	aaagattaaa	cattctthta	tacttagatc	180
thtcatctgt	ttatgttaaca	aaccctaaca	tacaggctta	atgccttgca	gatattaact	240
thtttaactt	aatctthtga	acagtcccat	gaagtaggta	ctattattat	tacaththtc	300

<210> 2271

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2271

gtththctca	ggcacaatga	gccactgcag	gctththgagg	agaagagtga	caagctgaga	60
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gctgtgtttt	aggacagcta	tcctagagct	atgtgtgggc	agagagtagc	aagcaggtta	120
gttaggaggc	tagggtaaaa	aggcagacag	gggacacatt	tgtcatatgc	cctagtgagg	180
cacagaatca	gggaacagga	ggtctgcagg	tttcaggaca	ggccagttca	gggagaaaag	240
ggactagccg	tgattatcag	gtcactgggtg	atztatttat	cacttccttg	aagtattaaa	300

<210> 2272

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2272

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cacagtatta	cactataact	acgtttataag	tgcaatagat	atgggtacaa	taaataaaaa	120
tagttgagga	gaaaaaacct	ttagaccatt	cattataacg	tgccagactg	ataaggggaa	180
aaccccccat	gtcacatgag	agaaataaaa	cccactgcc	tttctctgtg	cctgggtaac	240
tgagttgatt	gtattcacca	gaaggttctt	gttctgcctt	ttagacctgc	ctgggtcatt	300

<210> 2273

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2273

gacaaacagt	ggcaaaacaa	cactggctaa	gaatttgcag	aaacacctcc	caaattgcag	60
tgtcatatct	caggatgatt	tcttcaagcc	agagtctgag	atagagacag	ataaaaatgg	120
atttttgcag	tacgatgtgc	ttgaagcact	taacatggaa	aaaatgatgt	cagccatttc	180
ctgctggatg	gaaagcgcaa	gacactctgt	ggtatcaaca	gaccaggaaa	gtgctgagga	240
aattcccatt	ttaatcatcg	aaggttttct	tctttttaat	tataagcccc	ttgacactat	300

<210> 2274

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2274

ctgctaaaag	gcgatagat	gttcagttcc	tccatgaaat	gagatttagt	tcccatgtaa	60
tggcattttc	cataataact	gctgatatca	tcaaggtaaa	gagagctgct	tctcctaact	120
acccatgaaa	gaatttagct	ttttatattt	ctacctctcc	catatagttt	aatctctccc	180
cactgcgagt	atgactgact	ccaaggattt	gaagtctgtg	ctctaattgg	gaattcaatg	240
aacaagactt	cagtgaatga	acttttttag	ccatattata	taaaatgaaa	aaggatctgc	300

<210> 2275

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2275

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caagttttac	ataacatgct	tttggtatgt	attatgactt	tttacatttc	tacttggatt	120
tctcttcag	atctcagttt	ccacaaatct	gcattccagg	tcagggcctc	tgattctgca	180
caaatcatat	gagccaagtg	gattgattac	tagacagatc	agatccttcc	ccagctaata	240
actctgcctt	ctgattccag	tcctcaaaat	aaattgcagc	ctgccatttt	ctttatgttt	300

<210> 2276

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2276

ctacgacccc	atcaatttgg	cctataactt	gaaagagaat	tctatcctgc	tagctaaagt	60
tgctcggagt	gaccagtgg	attgttcac	agcatgtata	ttataaaaca	aatattaggc	120

agatagctta	taatgacttt	ttaatatatta	tttatttcatt	tattttataa	taagcagaca	180
ttgggacaag	aaacttctga	aaatatattat	agttctctga	aagaagggtgt	cttcccttcc	240
ttctgggagt	taaggaatgt	tttgacaagg	aagaaagatg	ggtgaataag	agtgtattgt	300

<210> 2277

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2277

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cttcccccaa	caaccttctg	catgcgattc	tccatttccag	tctgtttcca	agagaatcca	120
tcccttctc	aagaactgtg	ccctaactg	gagtcattc	caaagtcagt	accagtgata	180
attgagcaat	gggatgatag	aatgtagatg	aggcagttag	tggttccagc	aaacaaaaaa	240
gatggcaagg	cagtgaagag	ccagcagtg	aggaaacagc	cagctatatt	cattgaaaaa	300

<210> 2278

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2278

ctctactaca	tttttaggtt	ttatttcatt	tttatttatg	tctagttttt	tgggacagga	60
ccattcattg	gctgtttttt	aagtatgatg	ttgtaaagtg	cagttagaat	aaaaagaaca	120
gaaaaaata	aagttaggtt	tggaggaaga	tgggatgcac	atgaaaagat	aatggcagca	180
gtagaggtga	gggaaggagt	ggatatggg	gaatgatttt	ataaagggtca	tgaaactaga	240
atctgagtga	gggaaaagct	ttaaaatatt	tgtgtctctt	ttctagaggg	tggataccct	300

<210> 2279

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2279

cacaagcctc	tttccatttg	acccattctt	gttcttcatt	aaggactgag	gatattgttt	60
gtgcacagtt	ctgaaataag	gagaaaatag	tactcacaat	ctagttaggg	aggcaagact	120
aacaagttag	ctttaccgtc	agtaatatgt	agtctgagtc	tgtgccatac	atatttggat	180
aataggtgaa	tgggtgggta	cggaggatgg	acaacagtct	gctggaactg	gagcagagtg	240
ccccagcctc	cacagtttgt	cattttgggc	cagacagtta	tctgttgctg	gaactcctcc	300

<210> 2280

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2280

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agttgcctta	ggatgacagt	gctgacaccc	agtaggaagt	atcccatttt	tatcaggaaa	120
gtcagtcacg	cgtagggatg	gtgaggagac	gcgtagggat	ggtgaggagg	ggagaggagg	180
gagacctgct	ggtgcccttg	caccagggtg	aggcctgact	cacgtctgct	ccccccacag	240
gccctgcttt	gcttgccctg	tttttccaga	atcgattttg	caagcttcaa	gattctgttc	300

<210> 2281

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2281

aagaggagaa	gctgaatcag	ttggagtcc	ctctttggga	agaggcctca	gatgagggca	60
ctctgggagg	atccccacc	aagaaggcag	taaccttcga	cctcagtgc	atggacagcc	120
tgagcagaga	aagttctgaa	tcttttccc	cgcctcacct	cgactcaacc	ccgagtctca	180

cctcccgcaa	gatccacggg	cttagccact	ccctccggca	gatcagcagc	cagctgagca	240
gtgtcctcag	catcctggac	agcctcaacc	ctcagtcgcc	gtcgtctcgt	cctcgcctcc	300

<210> 2282

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2282

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cattgttttg	gacctaaagc	ttgaagaacg	gtttatgtat	ttttctcctt	aagtagcatt	120
gcattgagtg	ttagggttctt	ttcccttttt	ttcattcttg	gtcttcccaa	agcttcttcc	180
cacatttcgt	ttgtgtctgt	ttccaccatt	catagaaacc	ttggaaccac	tctcacagca	240
atgctaggat	gtttcatgga	cctgttaagc	attttgatga	tacaagacat	cctatcaatg	300

<210> 2283

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2283

ggtcattgat	agcaagtaag	tacttctctga	aggctttcca	gttcaaaaga	ttacaagcca	60
ttctgcctgc	caaacaaatt	atattctgaa	gatgcctggt	ttgtaaccct	tgatgtgaat	120
tttttgggtg	ctgaaattta	caaaagaatg	aaattgaaat	tgtaaaacac	taaatgcttt	180
gggttttatt	tgaagtaatc	tgttacttta	aaatgtcaac	attaggaagc	cataaaacaa	240
gatattatga	aaccagtat	tataaatggt	atctacatct	aaagtatttt	aaaataactt	300

<210> 2284

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2284

caaaaaataat	agaaaaaaa	acagaatttc	cacaaacccc	cacctaat	atctgcctcc	60
tgccatcagt	gccaatatac	tgtgttttcc	ttctgtggat	acattattta	ggccactatt	120
cagggccaac	ccctccacct	gcctactaga	ggccatcacc	acttgtttat	tcaagggcac	180
agctccaggt	agttttcctt	ctcttgggga	tcacagttt	ccttctgtct	accaggtcat	240
tcccattagc	atgtttttgc	cgcttttctt	aagagataat	atctcaacce	taattcctcc	300

<210> 2285

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2285

ggaacatgca	aagcagtagc	cctctgagga	gcagagttaa	ggctagtaca	gaaaagactt	60
ttcctcccaa	aacaccttca	gtgtttggag	aggctattat	gtcaataagt	aaagaacatg	120
ctactgtgaa	aaaggtacag	gaacaaaaaa	gagttgcca	aaataaaaaa	tattattgta	180
aggtaaaaaa	tttcataaat	gggcctaata	gtgggatgga	tataactgaa	aactaagatg	240
gtgatgagga	agacagtcaa	gaataaatat	accaaagtag	caaagaaata	cctgtgcaag	300

<210> 2286

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2286

cctaggcgta	gtcattttctt	tattagtcc	tactttat	ttcaaagtta	cgtaataaat	60
gtctatgttt	ctaagctatc	tttagatttg	taaaagggt	aaaatgttac	ttttaaacat	120
gtttggttta	ttcaaatttg	tttataaatc	tctcctttgt	acccttggt	accaccctc	180
cccactctc	tgctaaaaac	taagggaata	tcctgtcttt	gcccatagct	tcagaatggt	240

ctgcaatttt agacttttac ttttaactga tcaactgttaa gcaagggagg aaattttacca 300

<210> 2287

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2287

ggaaaagtaa agagatcaaa atgattttat atgtattttt tttgtactca gagaattaca	60
ttttcactac ccccgctgt ctcaggaat agcctttgat aagaatccca tggagatctc	120
tggaactcta ttacagtgtg ttcagatttg ttagttcata tgtaaatttc agagctagag	180
cttcaaaact agagtattgt aatctcagga acataagatt atccaagaag cctgaacctt	240
gctcttttca tgataaatga catccaaatt tcctttgtct aggagataag catagatccc	300

<210> 2288

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2288

acagggttaag tgcattgtgac ggtgtccaag acgcacagca gattttcatt cacaaaaaaa	60
tctgaccaca agagctaaac ggaaatacct tccgctgtcc ttcccaagtc acagagcaaa	120
cacctcagtt cccaggggtc cgcattcagtt ctgggtggagg cgggtgactgt gagcgtgacc	180
agctgggcta attcgtctcg acatttagtt gggacagcta tagtttccta cctctatgac	240
cagagagtga agcgtttcac tgaagaactg tggccggcgt ctccaggaaa ggaaggagcc	300

<210> 2289

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2289

tctccatgtg tgcctgtgtt tgtgctttct tgcggcagga gccttttgc tttgtttatct	60
gatgcttccc ttttttggtt ttcccgggc ttccagctc ttggagcacc cttttgtcag	120
cagatgtact tttgtttcca gtttttaaat tctaattaca gtgtaactca actaaaatca	180
tggaactggg gaacataaaa caaatcatta gggtaatgga ggcataagaag aaagtgaag	240
gaatccagtc cacctctttg ctgtactagg tatggatatg cctcagctgt gaggtagggc	300

<210> 2290

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2290

gaatcaaaac caagtaccag aattatgtgt tccttaagga aaattgagga actgtgaaaa	60
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ttggtatatg ttttttctgg tctttgtttt agtctgcatg gattgtttta acatcctttt	180
atttgctctc tgaatgctgt tttatggttt atattttcca tgtttttata tttttactta	240
ccatgtaata tatatttttc catattacct agtatttgaa atggtaaatg gctttataat	300

<210> 2291

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2291

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gtatttccca gcgaatagaa tttactgctc caaaaagctt ttttggcata aatcacaata	120
cttacagaaa tataattgta tcattgaaaa aaacaaagct caccttccta atgatacatt	180
tcacaaactg cacattaggg caatttctta cttatgagga ggtacaaaga aatactctgt	240
caatatagta taactgctta tttcaaattg tatctaggaa tgaataacta ctattattta	300

<210> 2292
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2292
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 catttacagt gctgtgtgca gtgaacttct gtagcaccca aattgtggtg ttgggaaaaa 180
 ccattccaac ttaaaagaaa ccaagccttt ctggcaaaat tgctgattct aggttttggg 240
 caagaaatgt acatgctgag ctggaacatt gtcataacag ttagtaagga ggctgttaaa 300

<210> 2293
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2293
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 agatgtagaa tcagagaact cgagaggaac agtatgcttc atttgagaca cagccagaga 180
 tgagttcaca ggaaggatgc tgggtgtaca tccttaggcc ttaccacact acctatttca 240
 gtcttctctt aggggtcccc atatgctgaa cccagcctga agctaaagga ctaagagcc 300

<210> 2294
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2294
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 ctcccgcggg tgcccgtca gaagttctcg gcgctcacgt ttttgagagt ggatcaagat 120
 aaagacaagg attgtagctt ggactgtgcy gggtcgcccc agaaacctct ctgcgcatct 180
 gacggaagga ccttcctttc ccgttgtgaa tttcaacgtg ccaagtgcaa agatccccag 240
 ctagagattg catatcgagg aaactgcaaa gacgtgtcca ggtgtgtggc cgaaaggaag 300

<210> 2295
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2295
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 gattcatata tcaaaaatgc atgattctgg cactaaatca gaatatttgc atatcttacc 120
 atttacagtg ggtttttaaa tttgttttta tgtcatatca ctaatttga gcaagtagat 180
 tttctggtgg tgtaactgtt gctaatagata gtaaagtgtt catagactag ctgaaacaca 240
 gagtagcttt ttcacctga atgttgaaact atgaaatatt attttgagtt ttaattatag 300

<210> 2296
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2296
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 tgtcctagat gcactgagta aaattccagg gatgccgttg atcataaatt tggtataatt 120
 tttaaaaata gacttttaaa tttagattta cagaaacatt gcaaagatac tgcagagttc 180
 ctgcctatcc tacactgttt cccatattat taacgtctta catccctgtg atcatttgtc 240
 tgtattaata aaccagtatt gatacattat cacagagacc atactttatc aggtttccac 300

<210> 2297
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2297
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 agctggaccc cagcactggc cggcggttct cggagcaca actctgcgcg gacgacgaat 120
 gcagcatgtt aatgtaccgc ggtgaggctc ttgaagattt cacaggcccg gattgtcggt 180
 ttgtgaattt taaaaaaggt gatcctgtat atgtttacta taaactggca agaggatggc 240
 ctgaagtttg ggctggaagt aaatgagatg ccacctgtgg tcccaactga caaagattaa 300

<210> 2298
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2298
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 taataactgt aataattttt atgactttct cttcaatgac agttatcttc ctttacccta 120
 attccttccc tcctcatcct tcaaattccc ttccctcatca ttcaaagtct aactcaagct 180
 agcctttcct ccttattttc cccttatctt tccaatccgt atggagattt ctcacctttc 240
 ctgatagagg ttgcgccaga atggtgagga ttaaattgta attgctttct aatagactgc 300

<210> 2299
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2299
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 cagcctcctc tctaaagggt tgtgacagga actgtccac tgggaggcct gtggctgtgg 120
 agtgactaca tagcctccac tgtccgtaaa gggagccata caaccagagt tcgtcctgcc 180
 ccaaaccctg ccactcaca ccacatatgt acagtcagat gccatataac aggctgcata 240
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<210> 2300
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
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 <223> n = A,T,C or G

<400> 2300
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 ctgaggtgac acgctagtga cagcccaata gggggttacc cttattgagt aaaatacttc 180
 agattgacag ctcaatctta gtttgctcc agttaatctt ttatgcttag ggattaaatg 240
 tgtgggtttt tttttgtttt tttttttngn aaacggattn tcnttttgn ncccagggtg 300

<210> 2301
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2301
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tcactagtat	acagatggca	tgtcatggaa	ctgattgaga	ttgtttgtgg	ccttaagatc	180
aagccctgcg	agactggagt	aataaaactc	tggtctccca	cacagccagc	tctgtgtggg	240
gaaaaaaaag	ccctaaaaca	ctaacaacgg	ctaaagcttg	ggcaaaggag	actgaaaagg	300

<210> 2302

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(300)

<223> n = A,T,C or G

<400> 2302

gctatccctc	ctcctgttcc	accctccaga	ggtagtctct	gttacccttt	tatttataac	60
ttttatgggt	tttttttctg	tatttataca	aatcgatgca	caaagagggt	tctcttctct	120
cataaaagtg	attattagtc	ttcagtgtgc	ctttttttct	cctaacaaat	gtaaactggg	180
agcattttcc	caagtacata	tttataatac	ttacggngcc	tatctagtat	tctgtgaata	240
tatactggta	atttattcct	tcccattgac	agacttacct	tgtttccatg	tattgccatt	300

<210> 2303

<211> 263

<212> DNA

<213> Homo sapiens

<400> 2303

acttaattca	cttgagtaga	aatttgtaat	ttagccatag	gaatttagga	agtgttagtt	60
acaagaggta	acttgaagct	gtggacatga	tgatagcttt	tgttgcataa	ttagaatgtg	120
ccaaacactt	tgctaagtgc	ttatgatagc	ttttctcttc	agaacatcac	catgattatt	180
tacagtataa	cctgtatttt	acagatggag	aaatgtacgc	aaaggaaagg	ggcataaact	240
gcctccaggg	tcacatagat	agc				263

<210> 2304

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2304

ataacactga	gaaaggagta	tggtatactt	ggtttgaact	gtgtgctaca	ctaccaggcc	60
ccttccacat	tatactacta	at ttatttta	aatagatagg	tatcacactg	agaggatata	120
aaaaaaattt	ctgcctcttc	at ttttgttt	cttgtttgaa	cagaaaaaat	gaccaaataa	180
ttgggagtac	ttctaaggaa	aaggcaacac	acattccagt	taacacttgg	atgtgaaaat	240
atcaatgaat	attagaattt	ataagtcaaa	ctggctctgc	tcgctgattg	caatttttag	300

<210> 2305

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2305

cccagggaat	gctggcttcc	tcctattgct	attccttgc	tttcctaattg	ccttgaatca	60
gtgcattcat	tcatttggtc	at ttcaatca	ggaaatatct	gtttagcaca	aacatagata	120
tttatattatc	taagtggaaa	agaatattgt	aattctcagt	gttggttaact	gctcctgaga	180
ttttaaaacg	atacaacatt	ttttcagagc	aagttgttga	tatgtatcaa	aagtcctaaa	240
gacacaccct	tttaccgctc	aattctacag	tcgagtcac	tttctaaaaa	aaaaaagaat	300

<210> 2306

<211> 300

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

<400> 2306
 cccaccttct ctctctcatt gtctgattga aagcaccagg tctcccatat tgctttcatt 60
 tttgtgctgt ttgttgctcc tttccatatt tgtatttatg ctacctgtta gggctcttgc 120
 cgaagcaggg gtgggaacaa gaaccacaga tatacttctg tggtttgtga agcattgtgt 180
 ggagggtgtg gtacacagag tacctggggc agttgtcaca gccactctgt gtggtagctg 240
 ctactgtgcc catcttagaa atgagaaggc tgaaggaccc acccangcca cncagccagt 300

<210> 2307
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2307
 ggaaaaataa catgttcact ttatgaaagg aagaaccagg aaaaataata gaaaataatg 60
 aacatgagtg gagatataga tgaaagctaa ataagcattc actgtgtctt atcaagagtg 120
 actaataagc tgacagcttt atttgagttc tggtaagcaa attaatatca tataaatcat 180
 tacaatttgg ataaagcaaa acctgttatt aaatttataa actgtttaat aattcaacac 240
 tccagtgggt tgccttggtt aagcaaaagg attctggcca agatatttta cttcagctct 300

<210> 2308
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2308
 attctgctga aagcctgctc ccagaaaggg tgggaacaat agggacaatg aactgctgtt 60
 gttcggtatg tttcatcccc attcgtttc attttattga attgtaaacc gtgtgtataa 120
 caacactttt taatcaattt tttaaaaaag agagagtggg aagaaaccgc ttcctacaac 180
 agaactgaag agcacaccag tgattacagt gtccagagag gaggggtgcat taacactagt 240
 tttattattt caatcagatg ccaagcaaga atatatctgg gggttcagaca agaaaggctc 300

<210> 2309
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2309
 ggaacctcta caggaatgca gtgggcttag ttttttaata tggaccaggt cttgtttacc 60
 tttgtgttcc cgcaaggcct agcccttctt aagttttcag taaatatttt gatattagct 120
 tacctgaagg ttttatattg tttatatttc ctatgattta tcagtctaga atataagcat 180
 attaagcagt gatgaagtct gaaagtagag aaaacttcag attgtttcaa aatagggtgat 240
 ttggaagggtg tattttattt gataaagcaa atatatagct gcgatgggaa aatatctaata 300

<210> 2310
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2310
 gcaatatgta gtttgccata aaatgaatgc atgtcttatt cttttccata gttcttcatt 60
 aatgagactt gtagtcaaga atagattgaa gataccattc tccttggtga gttcaaaaaa 120
 atctctctct gtaatactga aacaactaat ttttcttatt ttgtttgttc ctctttatta 180
 ttaaatacta tgtgaattaa ctcttttagta gttggcctgg ttgaagctct gtgaggagca 240
 aagcagccct ctccaggtga actgcttgac tttaccacct gaaggagtat ttactgcaag 300

<210> 2311
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2311
 ccaacgatct gtatcaacca cgtcttcatt ttccttttcc tgtttgtctt actctcccc 60
 caaaaagagt cagtttctctg ttttctcaat ttctcagttt aaaattagag ccctatggca 120
 ggtgccatgt acagctgcaa aggtggcaag aagccctgag aaagctcaag aagcaggtca 180
 agggggtggg taaggaagat gggacgttca agcagaaaca aaaagaggag ctaaaagtga 240
 aagccacccc gccaccagcc ctcaccagtc acaggtggaa ttaaagaaat ctggcaaaaa 300

<210> 2312
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2312
 tggcagtggg agtcgaagcg aggggtctgaa gttcacgact actagaaggg gaggggagtg 60
 gaaaggctct cagtgaaaaa ggtattagaa ttatttctga attatcagtc tctcatttgt 120
 gctttggaga agcagaaaaag gcaaaagggg tctttggcca tcttctgctg gagcttccag 180
 ggaggatgtg tctccaagag accagatgta ccgagtttga aatcccagaa gcccaagagg 240
 aaaagaatca cagggaggaa aagactgtcc aaaggctcct ggagtcttct gttctctaac 300

<210> 2313
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2313
 agcataagaa agctggaaaa taacctataa ataatggcaa aaaaaagca aacaatagga 60
 agaggaacta tataaaagga acatttggag catagaagag agttcatgga aatgtaaaaa 120
 atgatggtac cctgggtttg atatagtaag taaaaaacta agggtaagag ggtcatgaaa 180
 gcatctagaa gtaggaggga aagccagtc aattcacagg atgaagtcag gaagataata 240
 gagcagtgcc cgcaagatcc tgaggggaaag caagttccaa tctataagtc tgtaaccctc 300

<210> 2314
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2314
 attagatact atagtaggtt aataatgact aacaccttgt catctcatca ctgagctttt 60
 gtctaagata gtctctgaat ttagaactgg gacgaaagtg tacataatag gctattataa 120
 aatttttaga attggatttc taaacttggg gtcagtgaat ctagcaggct taagcagtgt 180
 tctcaggttt ttctggcaca gacaaggaat ataagaggag gagagaaaag gagagacagt 240
 agtgggaggg aatagaatga gagaagatag aaaatatgga attaataagag aaaggatata 300

<210> 2315
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

<400> 2315
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 agaggaacta tataaaagga acatttggag catagaagag agttcatgga aatgtaaaaa 120

atgatggtac	cctggggttg	atatagtaag	taaaaaacta	aggggtaaga	gggtcatgaa	180
agcatctaca	antaggaggg	aaagccagtc	aaattcacag	gatgaagtcn	ggaanatant	240
agancagtgc	ccgcaagatc	ctgagggaaa	gcaagttccn	atctannnct	ctgtaaccct	300

<210> 2316

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2316

taacagtcct	atattgttac	ctgggcaagt	taaatagtc	taattgtccc	tgagttgtta	60
gagaatgttt	gtgaaccact	cagcacagac	cttgacagat	agggttttgt	tttttgcttt	120
tttgaagtac	atgatataga	caggaacaca	gattttttaa	tggtagctgt	tactaagtgt	180
gggagagagc	tttgactctg	gcagtttggg	atggcctttc	aaaattgaca	agtgtggttg	240
taagggttag	agagtaagtt	ggtgatgaat	gatacactac	tctttggaga	ataaagagcc	300

<210> 2317

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2317

gatagaataa	ccaattttaa	atgtcttata	gataaaatct	agaatgaagc	tttggttaaga	60
agtctgagct	acgtacataa	gattatcagc	aacatatatg	ttaagggtga	gccattttaa	120
gaaagaacag	aagggaacct	tgatttactg	attgttgaaa	atcaaaataa	aggaggcaga	180
gaaaataaag	attgtgagtc	agcaggactt	ttgtcttatt	ttcaagtgga	tttattgatt	240
acttttcttc	ttacagccaa	gtgcaagatt	tgtgaatggg	cgtttgaaag	tgagccacta	300

<210> 2318

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2318

gagttctctt	gtgttttact	ctttttacag	tgaaaccagc	agtgtgtgta	gcagcagtga	60
cactgggctc	tttaccaatg	atgaagggcg	acaagggtgat	gacgaacaga	gtgattgggt	120
ctatgaagga	gaatgtgtcc	caggattcac	tgtcccta	cttctgcccc	agtgggctcc	180
tgatcattgt	tctgaagtag	aaagaatgga	ttctggattg	gataaatttt	cagattccac	240
attcctttta	ccttctcggc	cagctcaaag	agggtaccat	actcgcttga	atcgtctacc	300

<210> 2319

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2319

gatgtctaaa	cttgcatcat	ttttgggctt	ttcaaagcaa	tctcccaaaa	aaaagaatca	60
tttggttttg	gaaaagaaaa	cagaatcagc	aacttttcgg	gtgtgtgggtg	aaaatgtcac	120
gtgtgtggaa	tacgctatct	cctggctaca	agacctgatt	gaaaaagaac	agtgtcctta	180
caccagtga	gatgagtga	tcaaagactt	tgatgaaaag	gagtatcagg	agttgaatga	240
gctgcagaag	aagttaaata	ttaacatttc	cctggaccat	aagagacctt	tgattaaggt	300

<210> 2320

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2320

gtaatttgta	aattctgtgg	tacttttcaa	atgtatatca	tttactgagt	ctgattatca	60
cacggcctgg	catataataa	gtactctata	agtattggct	gattttcta	ataggctgaaa	120
atttatcctt	tagaattttt	tcttcagttg	gttttagcag	tttcccttgg	atgttgaaaa	180

tggttttttt	taaaaatcta	acctagacca	tcccaaatca	tgaattactg	ttgtgtgaaa	240
cagtgcagact	actgttttta	tgccacaggt	ttataattat	gcaaataaat	actacatctt	300

<210> 2321

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2321

gtgatctgcc	cgtctcagcc	tcccagagga	gcacgtggat	tacaggcatg	agccaccatg	60
cccggccctg	gatgtatttt	ctatcctaga	atgtccacct	ttaaaaatga	agcccagtga	120
aaagtgttcc	cccactaaaa	tgtggactgt	tttgcttgca	gggatgtgtg	ggtttctggt	180
agatagaagg	ctagagctag	caccttccca	aattgcagag	gaatcaatcc	tggcttgtct	240
gtgagctggg	gaggaatgga	aaggtagggg	ccttgagagt	ccttaattac	ataggggaatg	300

<210> 2322

<211> 299

<212> DNA

<213> Homo sapiens

<400> 2322

agtaaataat	ataatattag	gatatgttag	gtactgtgat	gaaaagtga	gctgataagg	60
gtatagtggg	gacttagggg	gctgatttag	agtttgggtca	gagaaagtct	ttctgaggag	120
ctgtgcgagg	tttgctacta	tctagaggca	cagacgagat	tcagcccaat	gaagatgaca	180
aacgctcctg	taacacatta	cccacatttt	ctgtaggaca	ctgttttgtc	gacctataca	240
tatatggcta	agtagtctga	cactatggat	tcagtgaagc	atacggtatg	tgcccatgg	299

<210> 2323

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2323

caagagcaag	ggtggagggg	gacagattgt	caggtcccg	aatgtgtgtt	gacacacatg	60
ggcttcgggt	tagctggcct	gacatggaga	tagagtgcc	atgttcccag	gccacagaat	120
tatggaggcc	tcaccacag	tattcacagc	tctcaactgg	cctttgagaa	tggaagcctt	180
ttcctgcct	ggatatggcg	cttcttcctg	ggagaggagc	agagccacag	agaggttagga	240
agttgaggca	gagcaaaggg	aaggcttcag	agcttaggcc	cggttcatct	cagatgtgtt	300

<210> 2324

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2324

tctcaccgtg	atcaagttga	ggggcttccg	gtcccttct	acagcctcag	aaaccagact	60
cgttcttctg	ggaaccctgc	ccactcccag	gaccaagatt	ggcctgaggc	tgactaaaa	120
ttcacttagg	gtcgagcatc	ctgtttgctg	ataaatatta	aggagaattc	atgactcttg	180
acagcttttc	tctcttcaact	cccgaagtca	aggggagggg	tggcaggggt	ctgtttcctg	240
gaagtcaggc	tcactctggc	tgttggcatg	gggtggggac	agtgtgcaca	gtgtggcgcc	300

<210> 2325

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2325

aatagcatga	gcgtcaaaaa	caggctgatt	caaatcctgt	tatccagatg	caagtgggta	60
tgtactctaa	gcctcagttt	catcatctga	atatagatat	ggtacttata	ttacaagggt	120
gtgataacta	aacataataa	tgtatataag	gcatagcata	gcatttggca	catactaggt	180
gcccagtgtg	tagtaattgc	tgtgactaca	tggatatacca	ccttcctctc	cctgagaaat	240

ctcaggatat tggacacact gaactactcc attctaaacc ttaaaaaataa aaacaaaagg 300

<210> 2326
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2326
 attccatcca cttcctcccc ccattcagca caaggtaagg ttttgacagg tagcgtgatg 60
 agatttagaa cagaggctga agttaattga ggtagcaag aaaaatatta ctgtcaattt 120
 cagatttttt ctttaattat tttaaactca tgaataatca gttaaataa aaagaaatgc 180
 acatttaaga gcatcttgaa aattcccact cctaggtgag tcagaggaga gaagcctctt 240
 gtgacactat ctacaataga acacaccact ggctttttgc agatgacata gtttttgttt 300

<210> 2327
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2327
 gtgaccacca ctccattctt gtctcctgtg ttctcgggtc agaccacca caaaggcagc 60
 ttcaaagcca aatcctcagg aagggggatc tgccggggct agctagtcac gtgtcaggca 120
 cagtcagctc tgttgagggg tgtgcagtga gggtcagtg aggccacaga gctcagatgt 180
 ggctatgaag actcctggtt ggtgggggat ggcagttctc acagatgaga ggtatggatg 240
 ggctgggtgc aatgactcac gcctatgatc ccagcccttt gggaggccaa ggtgggcaga 300

<210> 2328
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2328
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 ttttgagaca tgagaaataa tgtactttga tctgggtttg agaaattatt gcatatttta 120
 ttttaagtgc ttgctgcctc tgcctttccc cttttgctcc tcaaataat aaagtaagta 180
 gcctgaccta caggaggact gttaaaaatc atatcactag attaaataga attaaaaaag 240
 aaacaggaag attgaagatg tagtttaata tatgtatcat taataataga ataaatacaa 300

<210> 2329
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2329
 cttcttttca tttttcttaa actaatttct cacaattttc atttttgtcc tgagacttga 60
 agggaaagta agttttaatc tagaccatat tatttagtta catctaactc ctctagacaa 120
 aagacagtct ggagagtact ctttagttct atttattaat tttgtctcta gattgagcca 180
 gatttccccca tgcataagct gcattttatt ggctcttgca gaattgcttt ttctggattg 240
 gactttggta atccatatga aaatctctat gaaatttaat tgctcgccag gtgtggtggc 300

<210> 2330
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2330
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 actatgtctt tgaaatctgt tgtgtatttt atactcaaag catactttaa tttggaccag 120
 ccgcatttca ctagtctcat gtggctgggt gctaccacat ggctcagtc aggtgtaaga 180
 cacagataag tagtctgtat tgcatttga ttactgcagt gtctcgggt gctttcatcg 240
 ttcacatcag tggaaagcct tgttcaaacc aatgtggaat tgggtgttca gacaatggta 300

<210> 2331
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2331
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 gttgatttct tggtcgttcc tttgttttct tctataatca catgtggact cagaatgaat 120
 tttgagttac tctgaaatct atttattcaa cagatattta cttagtacct cctattgcca 180
 gactctgctt tatgttggat attatttttt aaaagccac cttgcctaga tttcctcaaa 240
 ggaccagggt gcttccctgg ttttgaaaga ccctaattct tactatgatc ttaagtaaat 300

<210> 2332
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2332
 gagcaaatga gactgttctg gtgaaatgat gaatggcagt tacaggcaat ggtgggagaa 60
 agtaggtttc ctcctagtcc tacatggtag catgattttc cttggcagta acatattaac 120
 ttgattacgt gtcaccggct ctgtaatttg ttaactcatt tgattagaac atgttgctaa 180
 ttcagtcaag gtttccagtt gtacacattc atttttgctt ctggatcttt gcatatgcta 240
 ttctctcctt ctagaacact tgtccatttg tccaccggct cttcacatga ccaaactcta 300

<210> 2333
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2333
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 tgccaatgt tactcagtct tagtttcctc atcagaaaag tggtaaggat gataaagtag 120
 ttcataaaca ttcattgagc actaagtatt tgcaagatac tggaggataa aagatgaata 180
 aaacactgtt catgtctttg aagacttcct agtcaagtgg tgaaattaaa cataaaaaca 240
 ggacatttta atattacgtg caaagcacat agtgggcaat gtgttggttt gaagaaggat 300

<210> 2334
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2334
 cctagacacc tcgtattggg gaaagtctta agtggttgga gcccatgaca tttgggtatg 60
 atgactagat tttttgtaca gctgagcctc aataaactca tgcgtacact tgtgagaact 120
 caaatcagaa atgggcacag aaactggatt acatttctgt gctctgaaat cccacagagt 180
 tcataaaaat acacatgtat acacaaaagc aacaaatgta agttacattt tattatggaa 240
 attgatatta gtgaaattga cagctttcta tggttaaaga ttatcctgta ggtgagccaa 300

<210> 2335
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2335
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 atttgggttc tgttaagggtt aaaagaaaat ttgaggtagc cagcagtatc tgcctcagat 120
 gctgagaagc ctctgagat aagagcgtat accatgtcca taactgaagt tttaacattc 180
 tctgccaaac agaaccagaa ttttaagggca ggagaatttg caagatagaa tttgcaattt 240
 gcaagagggg attgcaattt gcaagagagg ggcaatttgc aatttgcaag agagggcaat 300

<210> 2336
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2336
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 cagtgtgct cgtcttgatt tttgttctca gaaagagaat aaaattgaca gttgagcttt 120
 tccaaatcac aaataaagcc atcagcagtg ctcccttcct gctgttcag ccactgtgga 180
 catttgccat cctcattttc ttctgggtcc tctgggtggc tgtgctgctg agcctgggaa 240
 ctgcaggagc tgcccaggtt atggaaggcg gcaagtggaa tataagcccc ttctgggcat 300

<210> 2337
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2337
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 tttcaagagc tgcacaaaag ccacttaacc tggcaacaaa aagttaatgt gttgggtccc 120
 tttggtgtat tatattcagt ctattaaagt tttgattgtg atgttttcat tgcagttttt 180
 ataccggata aaatgtattt tagaagtaga acttttggag ctgaaatagt ctgcagaatg 240
 tagcttgaaa accacggcag tgaactacta agggaaagtt tcagaattca agtctagact 300

<210> 2338
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2338
 ttgaaactga agccaactt gaaaatggag gtatggctta taattcagct gtgctgaact 60
 gtaagtgatt aaatactgtt tcatcacata tacacatata tatacttatg tggatatatag 120
 gtcctgttct cattgtactt atgatattta gtgtgtttat tgccatatcc tgtgggggga 180
 aagctaagaa cctcagtaat cttagtaaat agtgctatca tcagttcatt tactcaagcc 240
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<210> 2339
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 <212> DNA
 <213> Homo sapiens

<400> 2339
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 caccatggca catgtatacc agaaacttca cattctgttc atgtatcca gaatttaaag 120
 taaaatttaa aaaaagaaac gtactggaaa atctgaatag accctctgct ggaagcatta 180
 tgaaaagtaa ataaatggat atactgcac atcctcagaa aaaataaaaa agaaagaaaa 240
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<210> 2340
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 <212> DNA
 <213> Homo sapiens

<400> 2340
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 agaagacttg ggactgggac agtctttaga tattatttga aatgctggca ctgtctatct 120
 ggatcccagg gcttgaacta ggatttgagg aagtcacagg gaagcagatt tcagtctgac 180
 atttattcag tgcaagtttt ttggtgctgt agtatatgat gaaagatgta aagctgaata 240
 aagcattatt tctgccctag agttgttcac agcctagtca ggcatatgga tatgtaaaaa 300

<210> 2341

<211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2341
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 tgatggcatg agtgaatgtc cacatttaaa gttattttgg ttcacacatg gcctttgttt 180
 attatttatg agaaaaaatt atagaaataa ttttaagggtg gtacagaaat gcaaatctag 240
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<210> 2342
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2342
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 tggtttgttt ctcttgtatt tctgaagttg caaataatca tgtaagcagt tcaaccagga 120
 gtttacacca aacttttaat aggcgatata tcattatttt ttttccatt ggtttggata 180
 acatccactt taactggcag ttagtcatac ttagctattt ttgttaaagc aggtgattta 240
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<210> 2343
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2343
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 aataaataaa tgtaaatttt gcttttttct ctctctcttt ttttatgtag aatttgtttg 180
 ttgatactta ctgaatgtag tgaccctgct gtggtaatga acacttctag tgccttctag 240
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<210> 2344
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2344
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 gcctgtagca tttgggctgg ctgagatggt ggaagtgtga acagaatatt ccagtcaggt 180
 gtctctctgtg gtagggatgg ggatggaccc gggagaggcc ctctgttcc tggcaggagg 240
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<210> 2345
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 <212> DNA
 <213> Homo sapiens

<400> 2345
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 gtgccagaga atttacgtca ttgtgcctgg gagctcacac tcagcatggt ttttgctttg 180
 actccacgtc ccggtttgtt gttgttttta gggaggggct ttctctgtat gttgccagg 240
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<210> 2346
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<212> DNA
 <213> Homo sapiens

<400> 2346
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 actaggcact tattttatgc catggcaca ttctaggtgc tgaagacgac acagctgcga 180
 ataaaacaga catgggacct gttcttggg agcttatact ttagtgcgta gagaaactaa 240
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<210> 2347
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 <212> DNA
 <213> Homo sapiens

<400> 2347
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 acctctactt tcaaagtata tacagtcagg tatcgcttaa tgaaggggat aaattctgag 240
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<210> 2348
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 <212> DNA
 <213> Homo sapiens

<400> 2348
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 acatagtgc tctcaaataa ctggtaggaa attgtttgtg tctttaaaca tatttttagt 180
 gtctttaaac atatttttgt ttgtgtcttt aaacataatt ttaggaacgt atggcatgat 240
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 <212> DNA
 <213> Homo sapiens

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 gcctttatat aatcattctg tgtactctgc cttcataata aaactggaaa aattatgagc 180
 aagaaaataag aggtactagt tctgaggaat agttaagatt atcatactga gtccaattgt 240
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<210> 2350
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2350
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 gggaatgatg gtggggccca aatgaggagc cacatcgaag tagatgagag aatagaaggt 180
 gaagtaaggg ctggcggttg gtagggggag acgccagcag tgatgctgat gccaggctg 240
 taggtgtata ggtgccatcc acctggtaaa gagagagctg tagcgaggga atgaggttgc 300

<210> 2351
 <211> 300
 <212> DNA

<213> Homo sapiens

<400> 2351

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ggcaatccag	atggccagta	aaccattgta	atagccagaa	attggaaaca	tatattcatt	180
gacaacattt	aagattataa	tatagtcata	taatagtcct	gatataacaa	tggaataaa	240
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<210> 2352

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2352

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tggcagggga	agatttggtg	ttcggcgaga	tgggccaatg	aaatttgaga	aagactttga	180
ctttgaaagt	gcaaatgcac	aattcaacaa	ggaagagatt	gacagagagt	ttcataataa	240
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<210> 2353

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2353

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ttggttttac	acaatttttt	ttttaggtaa	taagatgtat	tgtaaggatt	atgcttacgt	180
atggtacaga	gtatacttca	cattgttcct	gtcttttttg	tgggggagg	aatgaccgaa	240
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<210> 2354

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2354

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tatatctttt	aggagcttca	aaaaagggtt	ttggtttagt	tcaaagggtg	aaagaagatc	180
ttttattatt	ttggtaaata	acttctaagg	aaacaaacca	ccctcacatg	cactatctca	240
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<210> 2355

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2355

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cgaattataa	aatccatgtg	gaaaagaatt	gatccaaatc	aatgtaactt	caagaaaatg	120
tagaaaactt	tataaaggag	taaattggct	ttattctctt	gatgaaaact	cagtattttg	180
gtgtaaactc	tatttaacaa	atttcgttca	taaacacaaa	gacaaaccat	ggggtcaaaa	240
tgtgtccttt	gcttttaaat	tctgtccttc	atttacttga	atgacctcag	tgcttacgca	300

<210> 2356

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2356
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gttctgtaag attagaggag agaaaataga gcaagagaaa tgttgcaagg atttttccaa 180
aaggtataaa atgtatccct gaatatattt ttagtaatct caaacttcag gcatgataac 240
taaaaccaa ttaacataaa ataatacagg acgcaaaaga ccaatagaaa atctgaaaag 300

<210> 2357
<211> 300
<212> DNA
<213> Homo sapiens

<400> 2357
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aagcagtgc caaagcagac acagttcctt ctccagtgc attataatcc agatgggata 120
ggctataaat aaaggaagaa gttaacatat atcaggtggt ggtagtgct gctgagaaaa 180
atgaaggagg ggagagagaa aaggggatgc cacaaggcta gggtagagag ttctgtttca 240
tacagtggta aaggaaggcc tttgtgttga gtgctttgct ctggaacgac tttaggatgg 300

<210> 2358
<211> 300
<212> DNA
<213> Homo sapiens

<400> 2358
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tgttcattgt aaagaggaaa aatacagatt tctctataat gtcaccactt atttctaatt 120
gccacttttc atcttgtgga aatgccatgt tttgattcag tcttctgaat ttgaacatta 180
ttcaggttat ttccaattgc tgggaatatc cttactgcta aaataaattc ttagcattgg 240
aattgctagg tcaaagatta tgcatgcttt ttaagggctt tagaaatgta ttgccagtct 300

<210> 2359
<211> 300
<212> DNA
<213> Homo sapiens

<400> 2359
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agaaactctg ggaaagccaa aagcgaaacg aatcaggacg tcaaaaacaa aacaagcaag 120
caaaaacaca gaaaaagaaa gtgcttggtc acctcctccc atagaaattc ggctgatttc 180
ccccttggtc agccagctg acggagtcaa gagcaaacca agaaaaacta cagaagtgc 240
aggaacaggt cttggaagga acagaaagaa actgtcttcc tatccaaagc aaattttacg 300

<210> 2360
<211> 300
<212> DNA
<213> Homo sapiens

<400> 2360
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tctgtctgat tggcctgtat ccttccatca ccccatctgt ctgctggatt cccccgtct 120
gctgcagta atgtatgtga tagcacttta taaattataa agcactatgt tgtataaaac 180
accattatca ctttgtcttc cttcttacct tattttttct tcccttatct gtcttcctt 240
cttctctctt tctctctctc tctgtttgcc tgtctgcac ccttttggtg attttgctg 300

<210> 2361
<211> 300
<212> DNA
<213> Homo sapiens

<400> 2361
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 cttttgaacg ggagatggtg cataaataat tgttgagtat gcactttaga ttctttgcta 120
 acatcacatt tggtgaaact ataaaataat tcccatgaaa attggattgc ttaatatcat 180
 aactgatatt taataatatt taatattgct ctaaaatttc tggctaaaat gaaaatattc 240
 aaccatcagg aaggagaaac aaaactatta ctgtttgtaa acagtttatc atcagtactt 300

<210> 2362
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2362
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 ccttggaag atgtatgttt attccagtga agctgacctt acacagaaca ttcctagaac 120
 cctctttaga aactgtcaac ttgtaagggt cttcagtgtt ggtaaatctt tgccttttaa 180
 gggtagatct attttttgag gaatgatttt tttttttaac agctaaagag cattagaaaa 240
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<210> 2363
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2363
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 gcctgaaaaa agcaatagag attacagaat gtatggaagc acaaaacatg aatgttcttc 120
 ttttagagga gaatgcatcc gacctctgct gtctcatttc ctctctggtg caactgatga 180
 tggaccccca ctgcagaacc agaattgggt tccagagcct catccaaaag gagtgggtca 240
 tgggtggcca ctgtttcttg gatcgctgca accatctccg ccagaacgac aaagaggagg 300

<210> 2364
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2364
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 taggaggcta actttatact tatttaaaag ctcttatttt gtggtcatta aaatggcaat 120
 ttatgtgcag cactttattg cagcaggaag cagggtgtggg ttggttgtaa agctctttgc 180
 taatcttaaa aagtaatggg tgatttaaaa agaaaaaagg aaaaaaatct ttggctgaat 240
 atgttcattg cttgtatttt taaaacaaca gaatttccag tatgaaacag gctgaaagag 300

<210> 2365
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2365
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 ttctcacct gtaatatggg aatagcagtg tcttcttcat ggtgtggctg tgaaaatcaa 180
 atgacataag aactcaggtc ctgacatatg gtagaaactc agtcggcagt agctatttct 240
 aacagagttt cccctctcag catctgatag ccttctgtt cccttccacc ctccacctgg 300

<210> 2366
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2366

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ttattttgat	taatcgcttt	ttttgctttt	cagcaatggt	atztatgaac	aacaaaatta	180
tagaaaaagt	gagaaaaagt	caattatcaa	ttattttctg	atgaacaaca	acaaagacaa	240
aaaaatggtg	ggattgattt	attttcccct	gacagaattg	attgtttctt	taggttctat	300

<210> 2367

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2367

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ttaaagtcag	ccattgttta	aggcagaaat	tcagggttag	atatagtgtg	gcaaagattt	120
tccattatat	gagatatcga	tcctattaaa	cataaaactt	ttctcttggc	tttctatttt	180
actgtctttt	gttgccatca	gctgtatgcc	ccttaatttt	ttctagtaat	accttggaat	240
ttaaaaatga	aattacaaat	gtttatgttt	tagtggtttt	aaaaataatt	cgattaagta	300

<210> 2368

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2368

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tgctagtata	gtatcagcct	cacattggaa	ctgggttagaa	atgcagactt	ctcaggatcc	120
acctaattgc	agtagttaat	tttaacaagc	ccttcggtga	tcctgaaaca	tgttacagtt	180
tgagaaacac	tgctataata	cgtttcattt	aaattgtttc	agggttgtggg	ggtaggggaat	240
aagactacca	atztatcat	cttctgtgca	atattacctg	tttacctaac	tcttagagat	300

<210> 2369

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2369

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aatccaggga	aagaaagatg	gcagtttata	ctggggcatt	gccagtgtgg	atagaaatag	120
atctcagaag	aatttttagga	agtagaagtg	gcaaaaacttg	gtgactgaat	tgtgagggca	180
gaagtgggag	aaatcaagga	tagagtttct	taaacaagct	ttggtgaaga	cagggactac	240
cctatttgct	gtcatgtatc	cacagcttag	cacaaatctt	tatacgtctg	agatgcttga	300

<210> 2370

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2370

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aaggagctgg	tgttactggc	atgcaggcac	agttggtgtg	tgactggggg	gagcatgacg	180
ttaatgcccc	tggaggctgc	cttctgccag	caggggtggg	aggcagggaa	taaatagcccc	240
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<210> 2371

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2371

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acagagtatg	catatgcaaa	ggaggagatt	ggggaaagca	aattagaagt	ctatgcattc	180
tgtagacagt	gaaagctggt	tcaagcagaa	tgaataagaa	agtaatttaa	aaagaaggca	240
tcacttattg	actaagggtca	aacaggagga	atacacataa	aaaccagaaa	ctaacttcaa	300

<210> 2372

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2372

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tcagccctt	cccggtccgc	ccgcttccct	ccttcattgat	ttccattaaa	gtctgttggt	120
ttgtgactgc	tgccagtgtg	gttggccctg	cccctgcagg	ccacatggtc	cagggaggga	180
gggggacatg	gaaatctgcc	ttagagacaa	atggagtagg	gcagcccggg	gctggggccc	240
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<210> 2373

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2373

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agtcggtgga	tgggtaatgg	gatgcccgtc	tcccctactc	cagatgattg	atgaagaaat	120
ggaggtgtat	ggagatgagg	tgacttgccc	aggatcagag	ctttaagtga	cagaggcaat	180
attggaactg	aggtttccct	cattcaaaaag	ccagtgggtc	ttgtttgcac	tgccacactg	240
gagcagacta	actgagaccg	ctcttgatgg	gtccttttct	acgagaggct	ttgcttgcca	300

<210> 2374

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2374

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tttctacttt	gctgttttta	atacgagct	acttgagtat	gactatagat	tcgggaggat	120
acatcgaaac	tgtagtttta	cccattgctt	tgaactttat	cgccaaggga	atgccagtgt	180
ttcctggcgc	attgattaaa	gtggcgttct	gactgctcag	tactagaaat	gctgcgaaaa	240
gggcttcttg	agtgggacgg	ccctcgtttg	cattatgtcc	cccgtttctt	cctaggtaag	300

<210> 2375

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2375

gttggttttca	aagctgagtg	agataacatg	ttctgcataa	tgaggaaata	gtaaatgttc	60
aatatatggg	agctgttggt	accattgata	ttaatattaa	taatagtcct	tgagctgtc	120
ttctaaagaa	cagttgtttg	accctgaaag	caaaagaagg	agaaagcata	ggttttgggt	180
cagatcctgc	ctggcttttt	tctgttacac	tgtgctgctc	cacataaccc	tacaaaatga	240
catacatcta	tggcttcaac	ttcattagct	ctgtggagag	gaatattacc	attttccaaa	300

<210> 2376

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2376

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tataaaatga	aatgagaact	tactttttatt	atcctcactt	atacagatga	ggaaaccaag	120

acacccagag	attaataatt	tgccaaaggt	aacaaaatta	gtaagcatcg	taaccaggat	180
ttttggtcag	tctacacacc	ttccccgttc	cctcactata	gtgcctgctg	caaattgtac	240
tttaagctat	agttggacaa	aatattaaaa	tctatctggy	atgatagggtg	accaaaaaaa	300

<210> 2377

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(300)

<223> n = A,T,C or G

<400> 2377

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cttacgttcc	tgccctgagag	cctgccaaaga	gaatcaactg	tttgataggg	cccatctccc	180
aggctttgag	agagagtagg	ggcctaattt	tgtaaagctc	cagntagtaa	agccagagag	240
cctaatacgcg	ttgacagccc	ccttcctgct	tttcagttat	ttctgcttcc	ctgaatactg	300

<210> 2378

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2378

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agaacatctg	tcttttcaac	ttaatacga	caaataataa	tattaaacac	ttcactttgt	120
cttcaaaact	gctcaaaaca	cttcactttg	tcttcaaaac	tgctcccaga	attttcctag	180
cattttttgt	gattcaacat	tcatgtcaaa	ccaccacact	tgggctcccc	agttttcttca	240
tttctctcatt	ggtgcatgca	caaatttttc	tctgctctat	ctcagccaca	tcctactcct	300

<210> 2379

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2379

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aaagtgaatg	cccactaggt	ggaaacctga	aagcacgggg	acctgcatc	ttgtttactg	120
ttatattcct	gctgcgcagc	tcagggtctc	tatgtaaaaa	atgagtgaat	ttattttcta	180
gctgggtgcct	acaaaataat	ctgcaatgta	tccatactgg	tttattaatg	gtaacagatg	240
aaccgtacta	atatgagata	ataggggaaa	ctagatatgg	agtgtatggg	aattctatct	300

<210> 2380

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2380

ccagattgaa	agagtcttga	gtactcagca	caattaatga	aaatagacta	atgctgacat	60
acattaccat	gataagtcag	aatactggag	gcaaaaagaa	gactctgtag	tcttccaggg	120
aggggggaaa	tgccacagac	aggatcagga	gtcatgatga	cctcagcagc	acttctggaa	180
gccaaacaat	gaggcagttt	tcttcaaagg	tatgaaagaa	aataattact	gatgcagcct	240
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<210> 2381

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2381
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aaaattctgg acctgattca ttaaccccg ttttcttctc taatgtgtcc tgaagctgag 120
ctagatgatg agtaaattct ttgctgactg ttgctcatca ctttctctca aagttagaac 180
ttttcagtat aaaaataatt agcttttaac tgattattaa tgttctttaa tagtttctgt 240
caaaacttgt ctaaaatttg tgttgtgcca aattggaaat acccactata atatggcgca 300

<210> 2382
<211> 300
<212> DNA
<213> Homo sapiens

<400> 2382
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tatcttcgta ggagttgccg ctgctcagta ctcccgctctc tgttctcact cacgtgtggt 120
gttctctgtg gacgctgagc ctctgcagaa gctgctgact ttgtcaggtc cgaggctgtg 180
tcctcagcac caaggacagc acagggcgga cactccgctg atttgagtga gaaaatgaat 240
gctttgcaac aaccatatcg tattgaaccg ttctgtgaac gagggcccctt tgctagggct 300

<210> 2383
<211> 300
<212> DNA
<213> Homo sapiens

<400> 2383
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tatcttcgta ggagttgccg ctgctcacta ctcccgctctc tgttctcact cacgtgtggt 120
gttctctgtg gacgctgagc ctctgcagaa gctgctgact ttgtcaggtc cgaggctgtg 180
tcctcagcac caaggacagc acagggcgga cactccgctg atttgagtga gaaaatgaat 240
gctttgcaac aaccatatcg tattgaaccg ttctgtgaac gagggcccctt tgctagggct 300

<210> 2384
<211> 300
<212> DNA
<213> Homo sapiens

<400> 2384
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gaatttgatg taagtattcc ctctccttg aaatactttc ttcacttggt ttctaggaca 180
caatagagaa cctctttgtt gatcttcctc gttttcctaa ccctaaatgt ttgagtgcc 240
cgaggcaata ctatcttgct tctatctctg ctgccatggt gatctcattc aagagtcattg 300

<210> 2385
<211> 300
<212> DNA
<213> Homo sapiens

<400> 2385
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acagttccag atacagcatt atctatttag atttaatttc gcttatacat gttttcttgc 120
tctctgctgt tgtttacact ctttattttt ctggtactga gatcttcatt cttactataa 180
tttttgtttg ttaggagctc ttccatgagt aattttcggt ggacagtctt aatgggtagt 240
atagtttctg agctattaga cgcccaaaat attttttcat ttgcctttac atatgaatgc 300

<210> 2386
<211> 300
<212> DNA
<213> Homo sapiens

<400> 2386
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agaactgaaa gaataggttg atactgaacc cactcccaga gccaggtagc tgaaagggca 120
ctgtgattgt tatcttacta ggaacacgtg gagtgggagt aaggcagttt tctgcagaaa 180
agagggattc tgggcagaca aaaactacat atgcactatg ttttgttttg tttttttgtt 240
tgtttgtttt aaattaaaac cagaaaaggc gaagacttgg agaattgctca aaattttttt 300

<210> 2387
<211> 300
<212> DNA
<213> Homo sapiens

<400> 2387
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ccatggagaa caccaggagc cacagacccc agaccacaga gcacacaggg gagggcacgg 120
ggcgggccggg gcaggggtgc tgctgcctcg tttatgggat ttgctccgcg tctagcacac 180
tgctgcctgc agtgctcctg tccccctgcag tggctactct gggcctacgg gcctaactct 240
ggttggcattg aaaatgtcct gaggtacttg tgacaaattt ccacaagctg agtggcttaa 300

<210> 2388
<211> 300
<212> DNA
<213> Homo sapiens

<400> 2388
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ctaactgtt aagagattgt cttcaaaata aaactgttat taactacatt aatgttagac 120
aaagtacact ttagggcaaa aggcattatt agggatagat ttcataatga tagagttcta 180
tagtagaata tagtaatgca actgaacaaa atgaagctca ttccactgca tggaagaatc 240
tcacagatgt gatgctgaac aaaggaagcc acgtacaaac acttactata taattttatg 300

<210> 2389
<211> 300
<212> DNA
<213> Homo sapiens

<400> 2389
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gtacagtatt tgagatatta gagcagtttc tctcctttt gcaactaagg acatgtatcc 120
ttaaagcaga aggaatggca gagtcgtgta ataaaccctc aagtaccatt acttagcttc 180
aacaactatc gacactctac tgttcttggt tcatattatgc ctcacctcct tcccatcccc 240
cacttgaata ttctcatcct ttttttacag tttttaagat aacaattaca taactgaaat 300

<210> 2390
<211> 300
<212> DNA
<213> Homo sapiens

<400> 2390
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taactttttc ttaggttatt tctaagagag tttcaaaatg aaaaaaata ctatgtgttt 120
gtaattttat gattataatt ccatttaagt aaaataacaa aaataacact cgtatcatag 180
acattagaga gttcttactt ggaaagtttc atttccta atgacatcactg aaacagcagg 240
tatgacagag ggttccctga ctttgatagt ttttaattatc ttaatttatc ctctgtcctc 300

<210> 2391
<211> 300
<212> DNA
<213> Homo sapiens

<400> 2391

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cgagcgggac	cgagaagtgg	gctgggagca	gaggtcgcgg	aggtggcgag	cgaggccggg	120
gcccaggcgg	ggaccgggag	gggcccggga	gtggcgggca	cgccagggtc	agggagccgg	180
gcgaggagg	gggcccgggg	ttggggaagg	gggcccgggg	agggaggtaa	acagccctgc	240
aggcctcggg	gcaccgttgc	tgggcggcgc	cggcggcatg	tgctagggcc	cgtcccgcac	300

<210> 2392

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2392

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cctgggttaa	acagagtccc	aggtacatat	taaagcaagc	cttcatacat	gttggccctc	120
tatctaaaag	cctcttccca	ctcctttccc	tttacctggt	aatccctggt	attccctaga	180
tgccctgttt	aaagagattt	cctttggtta	atcacccctga	accctcagac	tagtccagac	240
ctctctttga	tattttcctc	ttgacattca	gcatttatcc	caattgaaag	taataattac	300

<210> 2393

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2393

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cattgtgttg	gccattcagg	agactgactg	tgaagaatc	caaactttat	atttctgcct	120
tgccagtttt	tttttccctt	tcttcactcc	atttgagaca	ctcttgacct	aatccagtaa	180
actctaatta	atagtcttgg	taaattctgt	ttcaagccat	cctgagtagc	gtcactgaca	240
cccgatctgt	ttcagtaagg	tcaaattagc	atcctttact	atttttctgg	catttaaattg	300

<210> 2394

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2394

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gggggttcca	ctacctctc	agattagata	atttgctgga	taaaactcag	gaaaacatta	120
ttattaaggg	cacaactcag	caacagccca	gtagaagagg	tgacacggagc	aagcacgggg	180
ggacgtggag	tttctgtgcc	ctcctagggt	ggcctcctgc	ccagctcacc	cttgtgtgtg	240
caaggtcccc	gaatcttgta	gttagagttt	ctgtagaact	caatctctaa	tcctttcctt	300

<210> 2395

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2395

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tctaagtaca	tattagtccc	ttggcaaadc	tgttctttca	aagcatacct	tcccaaatg	120
agcctaccta	cttcttaaaa	aacatataac	acaatgtggt	agtagtaggt	gtaagggaag	180
taagtttttt	catagtggta	tgcaaacata	tcattgaaat	attacataga	tataaagact	240
tagggaataa	aaatagcagc	aacaaatact	tgatagattt	atcctacttg	ggagaaatat	300

<210> 2396

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(300)

<223> n = A,T,C or G

<400> 2396

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tcctttgtta	agcagtatta	ttttgaggaa	acagattgag	agcgattatg	taacatggcc	120
aaggtctgac	acttagtaag	tgataaaactt	gggtccttaa	tactagtctt	ttggacttgg	180
gcatttaagg	acgactagcc	tgtattacct	ttcctttgag	atccttcctc	acataggagg	240
tgaatttaat	aatctggatt	tcttgaaata	anntanactc	caccaaaca	antcctgcct	300

<210> 2397

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2397

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ctaggccttt	tcagttcttt	cctatcattg	ttaatgtaga	caaccatttc	ccagatTTTT	120
gagataaatc	aatttattta	tttgcaatat	ttacatgcct	acatggtttt	ttaaagttat	180
tttaatgtat	ttttaatgat	taaaaaatta	tgtcccgtat	ttattagtca	ttcattactt	240
accattatTT	gcatttaatc	cttaaagcag	aagtgtacaa	aaaagagatt	aatgtaaagc	300

<210> 2398

<211> 292

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(292)

<223> n = A,T,C or G

<400> 2398

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tacagtgttt	ttcattaatg	acttccaaat	gtctcacatg	tattgtctct	tccagtagc	120
ataaacaag	atgcagggag	gtgcaatgag	ttcctacagg	ccctagagct	gacggtaggg	180
gtgggaatac	agttcacacc	gcgtcttcag	ctgngttcct	tgtggatgac	nnccactgtc	240
agncanntga	tnaaancagt	tntcaatnct	aaantgctgg	anantnactg	ct	292

<210> 2399

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2399

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ctcctgagta	gctgggtgtg	caccctgcac	ccagccagaa	gtggaatata	ttgttggggc	120
tgggcttaga	gctggagctg	gtggccggct	ctgctcgctt	acagaattct	gtacggtttc	180
tgatttctct	cagcccatct	gtccttcaact	tgcaagcatc	tgatgactgc	tgcatgtacc	240
ataaaaaacat	gcaaatatat	aattcttggc	tttgaggagg	tgaccctatg	aaattgactt	300

<210> 2400

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2400

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ctgtggaaca	agcaaccaca	aaatctcaga	gtcacaaaca	tttatatttc	acttgggcac	180
ctgtagggtg	gctgtgattt	agctcatcta	agctggactc	agctgggctg	ggttccaggc	240

tctgcagtag gtccagtgtg tacagcacc ttgatgtaag taactccatc ttagaaaaat 300

<210> 2401
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2401
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 aacacataag tgcttcccgg gctgacttcc gatgtgtatt aggatcccag tgagacttct 180
 tgggcggatg ctgaaaacaa gcttaaattc tggccccaac aatacagagt gagccaagac 240
 gacatgacct ccttcttcag agaaataaat gcctttctcc aaagcctcta gaactatagt 300

<210> 2402
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2402
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 aagcaagata atggaatata caaatattac tacgacttta tgggtggcat accttgattc 120
 ttgatccacg tggctgtgtt cagatctggt tagcacacat tgacatcagg ggctgagcca 180
 ccagtgagag tcaaaccag cagccctgtc agtctacctt ctctcttgac ttgatccagc 240
 ctcataactt cactttccgc aggagaaaca cacctcttga ggtcctctgt cacaatatag 300

<210> 2403
 <211> 189
 <212> DNA
 <213> Homo sapiens

<400> 2403
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 cgtaacagtt tttaacatat ttaaacatac acttacgatg tgacctagcc attccccttt 120
 gagataattg ctcaaaaagaa attaaagcgg ccaggatggt ggctcacacc tgtagtccca 180
 gcattttgg 189

<210> 2404
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2404
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 ccctcccaga gattgtggca aaggaagcac aggtgaaagt ggccgagggt gagggcgagc 120
 aggtggacaa caaggccaag ctggaggcca cgctgcagga ggaggcggcc atccagcagg 180
 agcaccgtga gaaggagctg cagaagcgct cggagggtggc gaaggatttt gagcccgaac 240
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<210> 2405
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2405
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 atttacatcc tacaatttac catgctaagg ggctgttgca atacttggt cagtggaagc 180
 gtttacctt ggtttattgt gattatcatg gccattcccg aaagaagaat gtatttatgt 240
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<210> 2406
<211> 300
<212> DNA
<213> Homo sapiens

<400> 2406
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gatttcttcc tttttatttc attcttttaa aaaatttatt ttaaggtagt acatgtagtt      120
ggaagaacta ctataaaaac aatatatgtg ggaaaacttc cagccctctg ttaattgtgt      180
gtctcaaatt tgttctggaa aagaaagggg gaaagtctat gaacgacttt tcaacctggc      240
aattccatat acaatgttaa acttgattct tatgacatat tcctatgaaa ataataaata      300

<210> 2407
<211> 300
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(300)
<223> n = A,T,C or G

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tgtgaatttt ctgaatccct attccaggat ttctgggaat aatgtttact tctagaatgg      180
gcctgttgta aanccatctc atcgagggtg ggtaaagcca ttggatgagg aggggactgc      240
catggaaagg agagtttggt acttacgggt ctgagaggag gggccacata ggaaagcccc      300

<210> 2408
<211> 300
<212> DNA
<213> Homo sapiens

<400> 2408
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agggctctga agcagggaac ctaaggctga ttcacgctga tttcctagaa tggaattaaa      180
agggaaaccc caactttcca tgcccaagta acaaaaggat cataagctac ttcctttgca      240
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<210> 2409
<211> 300
<212> DNA
<213> Homo sapiens

<400> 2409
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catctgaggc aaagctagac aagttggatg gcttgaggac tggtagtaaa aggaaacgtg      180
actgggaggc cattgccagc agaatggagg attatcttca gctccccgat gattatgata      240
ctcgtgcttc tgagcctggg aagaagaggg tcagatgggc agacctggaa gagaagaagg      300

<210> 2410
<211> 300
<212> DNA
<213> Homo sapiens

<400> 2410
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cggccagggt atcaggggct tcaactgtgaa acctgcaaag agggctttta cctaaattac      120

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acttctgggc	tctgtcagcc	atgtgactgt	agtccacatg	gagctctcag	cataccgtgc	180
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caagatggat	attatggctt	tagtaagaat	ggctgcttgc	cctgccaatg	caataatcgg	300

<210> 2411
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2411						
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agtctgatgt	tacctctggg	atTTTTTgtt	agatgtctct	tatgtgtttg	aggtaaatct	120
tgtctagttc	tagttttttt	gagtgttttt	accttgaata	ggtgttggat	actttgtaga	180
tattaaaaat	actatgaagg	gagactggat	tattcttttt	tagctggaaa	tagagtagta	240
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<210> 2412
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2412						
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tattaacagc	tttgatcttg	cctctgtcta	ttgctttctg	actgtgttca	gtccttttat	120
gatgggaagg	ctgatgatgt	ggaagatttt	aatccccctt	gttcttggtt	tgtgtgcttt	180
tgaagcagtt	cagttgacta	ctcagttatc	gtcaaaaagc	ctttttctca	ttgttctcgt	240
catatcagac	attatggctt	tgcatttttt	cttcttggtc	aaggattatg	gcagctggct	300

<210> 2413
 <211> 289
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(289)
 <223> n = A,T,C or G

<400> 2413						
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aatgggtcca	ttatgtcttt	tagagtggtc	tggcccagct	aattgcatat	tgaaatacat	120
tagatttgct	ataaattact	ttcctttatt	gtcttttctg	tcaatcttag	gacattaaat	180
gtatatgttt	gaaattgtgt	ttaggtaggt	tatctgagca	ttngggttcag	atanntanag	240
agagcgntat	angttcactg	tnntccccac	nggcttngcg	actgatatg		289

<210> 2414
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2414						
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gatcaaacag	cattgcatgc	ttcagagaaa	tctttcttca	caaaaggaac	aattgggtgca	120
gcaaaaattaa	ttttcttatt	ttaagaaatt	gtcagccggg	tgtgagccac	catgcccggc	180
cgacataggc	tattttttta	aatgcaagct	cttctgaacc	atataatatg	atgtttttaa	240
atatagactc	tgaagacaaa	gacctgggct	cagaatcagg	ccccaccact	tattttcaat	300

<210> 2415
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2415
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 ttttacatgt agcctatcat gagggtagag agaaaaggca cagaaagaaa ctctatgtca 120
 gcccggttac aatggatggg ggcctatggt acgcttatct tatcagcctc attgttaaaa 180
 ctggttttga aattggcttc cttgttttat ttataagct atatgatggc tttagtgttc 240
 cctaccttat aaagtgtgat ttgaagcctt gtcccaacac tgtggactgc ttcattctcca 300

<210> 2416
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2416
 ccgggtctag ccaacatgtg actacaactg catgaaagac cttaaattgag acctactcag 60
 ccaaactctt cctaagtcct gtccaaacaa aaccatgaag gataagaaat ggttattatt 120
 attttaagct accacctttt ggtgtgatta ttatatgcaa taataggtag cagacactgg 180
 ctttgggttg acatgtatgt tctctgcata ttctgctttt gtgcatgtgg agaaatgggc 240
 tttctgggct gctgacaatg aggaggtaga gatgttgttc aggcagatgc gtttagactt 300

<210> 2417
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2417
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 ctttaaatga tgtcttagga gactgaaagc ggaatcttct gagcattcct agatatctgc 120
 ttagaaatat catgcgataa agagggacct tcttaataca ctgatgttct tcaactaaatg 180
 gatggccaca agaaaaataa agtagcatgc ctataaataa ttgaaccata aattttcatg 240
 tcatgtgata ctggaatatg ggatactttt catgtttata tatatatata tatatgtcta 300

<210> 2418
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2418
 tctagctcag ggtctctcat gaggtttcag ttatgatgtt ggcttgtact gtgtcgtctg 60
 aaggcctggc tgggctgaag catctgcttc caagctcact catgtggcca tttcccagag 120
 gcccagtacc ttactggctt ttggccaggg aggccttaat ttcttacata tgggcctctc 180
 catagggcag catgcaactt ggcagctggg ctcccttaca gtgaatgac caagagagta 240
 tgagagagtg tgccacaatg gaagccagggt atctgttata acctcatctt agaaatgata 300

<210> 2419
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2419
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 tttctgagtt ttggccctcc tgtacaatct atctggtcgg gtttactttt ctccatcttc 120
 aagcaggggtg tgtcttcaag catgcatgtc tgtgttttga ttcggaattg atagttataa 180
 tagaagcatg agctgctggg aaattatacc tcctgatttg tgtggtttta tttgttcac 240
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<210> 2420
 <211> 286
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(286)
 <223> n = A,T,C or G

<400> 2420
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 actcaggagg ctgagggagg agaactattt gaaccctaga agcagaggga gccagattac 120
 accaccactg cactccagcc tggacggaga gtgagattct gtcaaaaaaa aaaaaggccc 180
 ntttttttnn ngttttngnn anntttngta atttngnct ttttnnnaan ncccnncnna 240
 nnggatnnaa aagnnncct nannggggnt tnantaannn ttcctt 286

<210> 2421
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2421
 gtcaagcatt ccacttttcc tatctgcaaa acagggctta aaatagtata tcaaacaata 60
 actagttaga agatacaatg gaagaaaaag tgccactttc aggagcaaca aagatgagat 120
 accagaaata aacttaacaa caaactctaa aacctacatg ataaaaaatg taaaacatca 180
 ttgaagaaca taaaagaagt ttggaacaat tgaagaatat gtcttcttca taactggaaa 240
 tacacagcac cataaagatg ttagtttaag gtaatttata aatttaatgt gatgataaga 300

<210> 2422
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2422
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 taaacgacat actttgtttt gtgggacaac tgttattcag actcgtttct acactggaga 120
 actcgtcaaa gccatagttg ttagaacagg atttagtact tccaaaggac agcttggtcg 180
 ttccatattg tatcccaaac caactgattt taaactctac agagatgcct acttgtttct 240
 actatgtctt gtggcagttg ctggcattgg gtttatctac actattatta atagcatttt 300

<210> 2423
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2423
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 gttacagaat catgagcaaa taaatggctg tttctgtttt aagcttttaa attttgggg 120
 tggtttatgt gtcaataata actgaaacag ataatatata cagaataaac tttagtttta 180
 ataatactag taaaagccca ctaattcatt atgcagaaaa aaatgatttt tttgagacgg 240
 ggtctcgctc tggtgccagg ctggagtgtc gtggcacaac catagctcac tgcagcctcc 300

<210> 2424
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2424
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 cacagcaccg ggagctctgc agacctgtgt cggcgcgga cccggactga gacatgcctt 120
 ttgaacttct cagatagagg aacccagtg aagactgatc agttcttaca attctcaaag 180
 catggcccat aaatatgtgg gtttgagta tcacggatca gtgacatttg aggatgtggc 240
 catagccttc tcccagcagg agtgggagag tctggactct tcccagaggg gcttgtagag 300

<210> 2425

<211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2425
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 atcagacgaa gagggaaaaa taaagttgct gcgcagaact gtcgtaaacy caaattggac 120
 ataattttga atttagaaga tgatgtatgt aacttgcaag caaagaagga aactcttaag 180
 agagagcaag cacaatgtat caaagctatt aacataatga aacagaaact gcatgacctt 240
 tatcatgata tttttagtag attaagagat gaccaaggta ggccagtcaa tcccaaccac 300

<210> 2426
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2426
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 cctccactgt caggttatac tttttcattc tgtaattaat gtatcgctat atattttata 120
 tactttgaaa ctgtaaacat cttgtcctca tcaaaccctc acctactaat tttagcagtc 180
 attgctaatt ttttaaaact ccattccttc tacatttagt agttggcatt ctactataag 240
 gaagaatttt ccctttttcc ttatttgtgt atacttattt attaataattt attattttatt 300

<210> 2427
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2427
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 ctctggtcac cccttgaatc ttggctggtc ttgggacttg ctctgacaaa taggatatgg 120
 cagatgtgac attacgggtc tcttgaacct aggcctcaag gagccttgct gtttctgctc 180
 actctccagg aaccctgcct acgccatgag gacaggccca ggctagcctt cggatgatga 240
 gagacctgtg gccctgctaa gcagcagacg tgagagatgc catcttggag ctgctagctg 300

<210> 2428
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2428
 agacacttta gcaactgcct aactatcacc tgatgggtgc ctctctctcc tgccctgctc 60
 atgtctgctt aactacctac tctaacagca gcagcagcag gaataatagt actctttaat 120
 gataaaactgc cttggaaggc cttatttgtg catgcaatgt tgaatcttca gtttccaagt 180
 ggaaaatgtt ggtcataagc atcttccttg ggcttgtttt ctagattata tgtatagtct 240
 ttttattttg aagtcactca ggaccaccg taagttataa gatactacag agaatttcca 300

<210> 2429
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2429
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 ggcggcttca accgaggcgg cagcagcaac cacttccgag gtggaggcgg cggaggaggc 120
 ggcggcaatt tcagaggcgg cggcagggga ggatttggac gagggggtgg ccgaggaggc 180
 ttaacaaaag gccaaagacca aggacctcca gaacgtgtag tcttattagg agagttcctg 240
 catccctgtg aagatgacat agtttgtaaa tgtaccacag atgaaaataa ggtgccttat 300

<210> 2430
 <211> 300

<212> DNA
 <213> Homo sapiens

<400> 2430
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 ctgtcagaag ataaatttct gttgttctca gccatccagt ttgtgggtact ttgtaacggc 120
 agccctagga agctgatgca ggtgggattg attcccctgc tccagagaaa ggactgtttt 180
 cacagaagag gcgatgcttg aactgaatct gaagggatca atgtgggttc ccttggcaag 240
 gcatggagtg aaggtggagt atatcccaag tggggaggac agcacgtgac atggcgagg 300

<210> 2431
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2431
 taattatagt ccctggagtt atgcagctaa ttaaagggtca aacgcagaac tttaaagacg 60
 ccttttcagg aagagattca agtattacgc ggttgccact ggctttttat tatggaatgt 120
 atgcatatgc tggctggttt tacctcaact ttgttactga agaagtagaa aaccctgaaa 180
 aaaccattcc ccttgcaata tgtatatcca tggccattgt caccattggc tatgtgctga 240
 caaatgtggc ctactttacg accattaatg ctgaggagct gctgctttca aatgcagtgg 300

<210> 2432
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2432
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 cccagacttt cctcatgttc accaacacgg aagcttatca gagcttggtt ttccagaact 120
 caattgccag ctactgctg aagagattgg tgggtagggc tgaaagaaat atcagtgggt 180
 ctttgtggtt ttccagccca tcctgagatg gcctatccag gggctctata agaagtcacc 240
 tcattagcat aaactcacat gtgacaaaaa ggatcttgtt atgaataaca aaagatgttc 300

<210> 2433
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2433
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 cggaatccag ccactcccac ttgtttacat atcatccctg gctgctttta tgctacaatg 120
 aagtggaggg ttgagttagt gaaacaaaga ccttattgct tgcaaagtct gaaataaaca 180
 cactcacaca cactgattta tgtatagaat atgtatacaa atatatcttt tatttatcta 240
 tttttttgag attgagtctc gcttgttgct ctgtcgccca ggttggagtg cgggtggcaag 300

<210> 2434
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2434
 ctcaggagct gctgcttttc ccatgcctga aaatttttca gttaagttct ggattttgtc 60
 acagaacata tgacctgccc ttatgcataa gtttgattga attggaaaat cagcaagagt 120
 ggcatgaaag aacctagaaa tctgagtctg gtcaaccatc tcctctattg ttcttactct 180
 tgattgtaga accaaaggac aaccagcgtt gtgattcata gggctgctct tgcctctgca 240
 aggggtgggtcc aaacatgatt ttagtggttag gttcatcatg ggtatgccca agcgatcaga 300

<210> 2435
 <211> 300
 <212> DNA

<213> Homo sapiens

<400> 2435

ccccctgtgcc	ccttccccag	gaaatcaagt	cctaaggaat	aagagtttgt	tggacagagt	60
tgagccttgg	agggacacaa	aacattgtaa	tatctaagat	ttttttcata	ctctcccaga	120
aagaaccaat	tttcaccctg	gggtggcg	gtggtaaaat	tgccctgtt	cagaatacat	180
gctctaataa	gcggcagcca	tgggatttta	tcctaatact	gagtctagat	gccaaatctt	240
tttcaccctg	tctcaaaa	aacaacaaca	acagcaaaaa	gatcactttg	gctgttttta	300

<210> 2436

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2436

caggtgtgag	ccccacgcc	ctgcatgaat	atgtatttct	taatgttatt	actcattgaa	60
aagtttcttt	taaaattata	tatatggccc	aatcttgaac	tatcttattt	tggagggttt	120
tatctatttt	taatttatgt	cctcccgctt	ttctcatacc	cagctccaca	agaaaataca	180
gatctgcaga	aaatgatttg	aatgcctact	ttctcactcg	tccaaggatg	atgctgcata	240
gctagtacca	ctctagatgc	ttggaagaaa	agtttaattca	atcaacagat	agtgcattag	300

<210> 2437

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(300)

<223> n = A,T,C or G

<400> 2437

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aaaaggcagc	tgggtgtgca	ctgatgggca	gcatttgagc	ctgccacact	ggcctggaag	120
gtcnccttcc	agncnggatn	tnnnangcta	ntttnttaca	nntaangctg	tcacgantga	180
nacctngcta	tcactgtcag	ctgnatatgg	tcctcctatc	acgacatgct	atatggnccg	240
tcaacagagg	gccntactt	tacnagttn	gaccnaacac	acttcaggnc	tgancctggg	300

<210> 2438

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2438

gtcgtcggtt	ttctgagggt	acttcagctg	acagagagat	tcagagaacg	ttaatggagg	60
taatatttgg	taaagggggt	ttataaagaa	accaatgttt	attaaatgaa	gaactgaaca	120
ttgcatattt	gatagtcaaa	atatatagaa	cattttaaat	gaaatatgaa	atttgaaaat	180
attgtcagga	acaaacatgt	ttctctatca	caaactctaa	gaaaatgact	actggaaaat	240
aaggctatct	gccaaattcc	atttgggtata	cacctgtact	attctgtgtt	ttttgagtag	300

<210> 2439

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2439

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actttgtgct	gtattttata	actattaagg	aatgttgcag	agaaatgcta	tcaattgtta	120
aaattttgcc	atgaatacag	cagcctcact	gaattctctt	agtagttcta	atagcttgcc	180
atttgattct	aacagggttt	ctatgtaaaa	gatgggtgtca	tcttcaaaca	atgatagttt	240
catttcttct	ctttcacctc	ttaccttctt	tgtgtttctt	tagcattggg	caggtccttc	300

<210> 2440
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2440
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 tgtgtttttt gttttttaat gaaaatacag gacatggaga tgtggaaaga caccttgctt 120
 tattactgtt gttattatta ttattactac agtataattc atgtatcaca aaattcacga 180
 tttttaagca tacctttcag ttttttttac tatattccaa aagtttgcag ccagcagcac 240
 tacctaattc caaaatattt tcataatgcc aaaaagcatg cctgcaccta tgggctgtca 300

<210> 2441
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2441
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 acagccactg atgtgctctt tatgactata gttttaactc tggaagaatg tcatgtaaat 120
 ggggctctgt gttttgcagc atcatgcagc tgtaaccttt gattcagcag ataacaatgt 180
 gcatggcctc tccactcaag gtaatgcctt tcagattcat tcaagtggcc gcatctatcg 240
 gtagttcttt ctttttcatt gctgagcagt attccatcac aaggtgtac cacagtttgt 300

<210> 2442
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2442
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 cctaggggaa ggaataacat ttggagcaaa caggagacaa attgaaaagc ttcaggagga 120
 aaggctagga aataagattc tttgggcgag aataaggact ttaaagagat tccacatatt 180
 cctgggaatc tgaaagacca tacacatgcc tagggctggg catgtgctta aaaagacttg 240
 agagggccct atgctgtcac ctctgcctga ccttcaggct ctgtgcaagc aggaagtga 300

<210> 2443
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2443
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 tgtcagtga aataacttgg aattagtcaa tgaaattctt gaagacatca ctcctctaatt 120
 aaatgtggat gaaaatgtgg cagaattggg ttgtatactc aaagaacctc acttccagtc 180
 actgttggag gcccatgata ttgtggcatc aaagtgttat gattcacctc catcaagccc 240
 agaaatgaat aattcttcta tcaataatca gttattacca gtagatgcca ttcgtattct 300

<210> 2444
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2444
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 ttgcaccagt gtactctagc ctagacaaca gaggaataac ctgtctctca agataaagaa 120
 ataaattaat taataataat aataattcta taagtgtaat gaaagaggaa agggaaatca 180
 gtaataagga aggacgtgta tttcaggacc attttaggaa tcagggtggca tattgaaggt 240
 tgatgatgga ttgagattta gacgttcact agggaaatat ataggttaaa gcatatgatt 300

<210> 2445
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2445
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 atgtagagct gagttgaacc tattcccctg atcttactaa tgagggtgcct gatattcaga 120
 gagaccaagg gacatcccca aagtcaacca gcaatccatt agagctgagc ctagtacctt 180
 gattctcaga catgaatgct acttggtgaa ttgaaaattg cattcataat acatctcttc 240
 atagattcct ggccaggaag cccagagac caaacagtc tttatcaata tttagaatat 300

<210> 2446
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2446
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 tcattttcct tcaactgtctg tgggtattta tgtacatcag ataagacaac cacctctccc 120
 agtctcgtca gactggctctc atacaggaga aagatctcaa caatgtatcc tgccagagat 180
 tttaaggtcc ttctccaatc tcaaaaacag actgctatat ctcccttttg tggccactg 240
 gagcttagaa tgtgttatgt cctgtcagta ccctcatgaa tagtatggta ggagcaagac 300

<210> 2447
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2447
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 aattaaaatg tgagtttatc agaatgagta acttaaagag aaattgcata tctcttttcc 120
 tgccttttta aatgtaagaa tctctagaaa tattttttgt ttaaagtagt ggtagagctg 180
 taaagtgatt gtttttttaa taattatttt tagaagttgt attttttggg ttttttgttt 240
 ttgtttttga gacaggtgtc cgctttgtca cccaggcagg aatgcagtgg tgcaatcatg 300

<210> 2448
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2448
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 atgaatatct ctccactcta cttacatctt tcatttctcc cagcagtgtt ttgtagtttt 120
 tcgtgtatag gtctttcaca tcttttttgt catgttatcc ctgaatgttt ctcatgtttc 180
 agttctattg taaatggttt ccccgacct tcagctccat ctcttccacc cagggagtcc 240
 actgggctct tcttcacctt cctgcccctg acctggagcc tctccccagg cagtaagtgg 300

<210> 2449
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2449
 gctatgtgct gacaaatgtg gctacttta cgaccattaa tgctgaggag ctgctgcttt 60
 caaatgcagt ggcagtgacc ttttctgagc ggctactggg aaatttctca ttagcagttc 120
 cgatctttgt tgccctctcc tgctttggct ccatgaacgg tgggtgtgtt gctgtctcca 180
 ggttattcta tgttgcgtct cgagagggtc acctccaga aatcctctcc atgattcatg 240
 tccgcaagca cactcctcta ccagctgtta ttgttttgca ccctttgaca atgataatgc 300

<210> 2450

<211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2450
 ccatgcccag ctgtaatttc ttattaggtg ccagacatta tgaattttac cttactgggt 60
 gttgggtaca tttggatgtc ttttaagtatt cctgagaatt attctcaggt gcagttagggt 120
 tacttatgaa tagtctaatt ctttagagtc ttgctttcaa gctctcttag ggcaggagca 180
 gccttttagtt tatgactaat atggccctgg tactgagaca ctaccattct aagtacctaa 240
 atacccaatg ccctgtgtag catgaggcat ttcactctgg ctgataggac tgtgaactag 300

<210> 2451
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2451
 ggggccccca cgcaaactca aattccctga gcctcaagag gtggtggaag agttgaagaa 60
 gtacctgtcg tagggagatt tgggtagaag ccctcatgct gagctttgtg tccctgggtga 120
 tggtggaaca ttaatgatgg aacatggcca aacttcagtc atgatcctga aaccatggct 180
 tcaggatcat gactgaagtc atggtttctt ccctgccaga aatgaagggt cagttatgag 240
 gcaaccctct agtaaggcat tgtaaaagtt actggatttg gtttaataaa agttgaaata 300

<210> 2452
 <211> 175
 <212> DNA
 <213> Homo sapiens

<400> 2452
 ctgaatccag tcagacttag aagtagaagc tcgcagagag gaaagtctgc gtctcttcgc 60
 aatttgttcc tggcgcttct ccttctaagt ctgaatccag tcagaaataa gattttttga 120
 gtaacaaata aataagatca gactctgaaa aaaaaaaaaa aaaaaaaaaa aaaac 175

<210> 2453
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2453
 aggacctcca gttaaatttg aatttcagat gcctatgaat agttttcagt ataagtatgt 60
 cccatgcaat acttgggata cgattgtgct gaagtgggtt tcattgtttg tctgaacttc 120
 aaatttaact ggacatcctg tatttttatt tgctgtcttg caacttggtt ctgagagaga 180
 gacccgagtt ctcccattc acactgtgtg ttgggcaggg catttgggcc acttgatgtt 240
 ggctaggtag gttctcatct tgagaaacca aatttctgat tcccagctct gtgccggtac 300

<210> 2454
 <211> 133
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(133)
 <223> n = A,T,C or G

<400> 2454
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 tgtgagtgac cactccaggc cgtnntgctg ctgatnactg gtnngaaaga tcaagcttac 120
 gaanaacctt ctg 133

<210> 2455

<211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2455
 aagagaccat catctcatca aagagagtta aaagtaggga tgttctctgc aaggcctctt 60
 ctgatatgat taattgattg taaattaagt aatcaaggca tactttgttg atttgcata 120
 tctgggtaaa aggtttatgg tttatttaaat aaatgaaact gcaaaatcag ttttctacat 180
 ttctgttata tttttgttaa agcacttaaa agaatttctg ctctgtccag gggcaagatt 240
 cttgccaaga gaattaatgt gcgtattgag cacattaagc actctaagag ccgagatagc 300

<210> 2456
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2456
 ggtcagcaat ttgctttttc tgatgagatc ctggtgagag tcatgttcaa taaagtattt 60
 agtcacgtgg ggctccagtg atttctctgt ttacaagctc attccttctt cattttctca 120
 gaactttggt gttaacagcc tgtttcctat ttgtaggggc tgactttgac ttagcagatg 180
 cctttctgta tggaggaaat aacgaccag cacctcttaa ttcacccaag ctgaagccaa 240
 atgcgaaccc tgagcagcct ggattcattg acgagccagc accactgaac ccacccaaac 300

<210> 2457
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2457
 ctcagcctgt ggccagggtt gtgtctgaag agaaatccct catgttcac caggccaaga 60
 agtacatcgt gtcacagcgc tctgagcctc ccgagttggg ctatgtggac atccggacgc 120
 tggctgacag cgtgtgtcgc tatgacctca atgacatgga tgctgcatgg ctggaactga 180
 ccaatgaaga atttaaggag atgggaatgc ctgaactaga tgaatacacc atggagaggg 240
 tcctagagga atttgagcag cgatgctacg acaatatgaa tcatgccata gagactgagg 300

<210> 2458
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2458
 gaaggacaaa aatatggcta tctgaataga tgcagaagag gcatttgaca aaatctaaaa 60
 tattaagtaa agaagattat attagtccat tctgacatta ctataaagaa ctgtaggaga 120
 gcagccccag tgcttataga taaaactccc atctccctag gacagagcac ctgggggaat 180
 gggcggtctt ggggtgcagct tcggcagact taaatgttcc tgcttgccag ctctgaagag 240
 agcagcagat cccccagcac agcgctcgag ctctgctaag ggatggactg cctcctcaag 300

<210> 2459
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2459
 tctagactct ggtcgtcagg aacgggtcaa ggccttcacc atgagaagag caccaaaggg 60
 agttaatatg ggggtgacca gaggtaggca aaggaaggcc tgtgggcca atctggccag 120
 ctacctgttt ttataaataa agttttattg gaacacaacc atgctggggg ttgtttcata 180
 tttcctgagg ctgttttcac actgcaatgg cagaggtgag tgggtgacac agatgccgtc 240
 tcaccaaagc ctatgatatt tactgtctgg ccctatacag aaaaagcttg ctgacctctg 300

<210> 2460
 <211> 300

<212> DNA
 <213> Homo sapiens

<400> 2460
 gagatgtgtc cagcgccccc tgtggtgtgt gagagaaagc agctgcaact caagtgacta 60
 ggtgggcccga gctggcttcg tgcaggaggg caggtcactg catacgaccc ggccaccctg 120
 gttctgaagg acagcgccaa agatgggtta ggtcactgc tgtgggagtc ttcgtcccca 180
 cacagaggac aggctgctca gctccactgt gcaagatgat gcacaccag accagtgcg 240
 tcaggacgat gctgctcacg acagcaatgg tgaagatgcc taccgtggtc ccatccttcc 300

<210> 2461
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2461
 gaaaggccag tgacatttca gtattagtga catccagggt tcgttctgta atacttcaag 60
 agcgcggtga tcgtgatctc aatggcctcc tctcttact cgtccagctg ctttcagccc 120
 ccgaagcccg aacactgttt ggcttccaat cactagtaca gcgagagtgg gtggcagctg 180
 gacatccctt cctgactcgg cttgggggaa ctggggccag tgaagaggct ccggtgttcc 240
 tcctcttctt tgattgtgtc tggcagctcc tccagcagtt tccagctgat tttgaattct 300

<210> 2462
 <211> 275
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(275)
 <223> n = A,T,C or G

<400> 2462
 gtacttccta ggagtgggtg catttgaggaa tggaattggt aaaacttgat gcttaggagc 60
 gaatgcagac tattcattgg gtgtttgggg tgggggaagg gggggtgntc accccatngt 120
 ccatcacctt cctcctctgn tctggntgnt aangnaagcc ctcccggttc ccncaggcta 180
 tgatgctgca tggcanatnc tgttataact cannnctaca tantggaaat tttttanttt 240
 tctaaatacc natncngttt tntcncngtt acaat 275

<210> 2463
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2463
 gcgggcgcga ccggaggcag tttccgttac tatggcaatg acggcaggga ctacaacaac 60
 ctttcctatg agcaaccata cccgggaaag agtgactgta gccaaagtca cattggagaa 120
 tttttatagc aacctaattt tacagcatga agagagagaa accaggcaga agaaattaga 180
 agtggccatg gaagaagaag gattagcaga tgaagagaaa aagttaccgt cgatcacaa 240
 acgctcgcaa agaaacagag ttcttacggc tcaaaaggac cagacttggc ttggatgact 300

<210> 2464
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2464
 ctcagctcat gggaatctgc ctctcactgg tctcactgg gtttatccca gtgaccaatt 60
 ctaggatgac cagaagaatg attccactgg gcttgggagt gtttgctggt acctctaatt 120
 tctgtgtaga gttcatggta cctgtgtgct ctgtggctag gtccctcagag tcagtccttg 180
 ggcaggtact gtcagccttc agttttcccc acagactgtg ttcttgggccc tgaatcgctc 240

agactacatg ttccagcgca ggcgagatgg ctccccagcc ctgaaacaga tcgaaatcaa 300

<210> 2465
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2465
 ctgccttcca acaaaatcgt ctagcgggca gaggagtgg tggggcagga gttgccttat 60
 tcgctgacca gtgacaactg cgagcacttc gtgaaccatc tgcgctatgg cgtctcccgc 120
 agtgaccagg tgcattctca gcctgcatcc ccttcccagg agccaggcca ctccctcagc 180
 tgccagagggc tgggtcccctg ctggggccag ggtgggatgg aaatagacat gagcaagaca 240
 aaatagcaga tatgaaactg ttgtccttga ggggtgcaca tttgggggtg ggacaaggg 300

<210> 2466
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2466
 gccatacaag agactccaga tatgcagcta gagaaactta aggaagggtga gcttatcaac 60
 gtgcattcag aaagtgggta tgattacaag aatgaagata tcccagagga attgacattg 120
 tcagaaaact tcacattaat cgaattctca gagatgtctc acaacattga aagcacaaaa 180
 gatgaaatgt tagaagctgg tgcacagtaa ggataaagga gtatggcagt tcaccaaggc 240
 atggaaaaga tgcttgctcc atattgttaa gttatacagt gagaagaagg aggcgaacat 300

<210> 2467
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2467
 gtaaaaaccc tctgatgcaa aaaaaagtat taactttcac aagctgtttg tactcaaata 60
 cattttctca gtttcagatc ctctgctgtt ttattgagtg gaaagttgag ctaaaacggg 120
 tcaagaagaa taatgttgca tttccttatg tctcaggaaa cactttttat ggtaacttgt 180
 cagattgtct atgaacaaac ccactttttt agacattgat aaagtcttct tttcttcacg 240
 tgatatttta tacaagagca cttcagatgt attagatgtg actgatttta acaaatccta 300

<210> 2468
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2468
 ctgcgcagat atgctaggtg tatccacacc aacatgaaga cactgacctt gtcccgtac 60
 atctgcgaga tgacctgca ggaataccac tatgtccagg agaaggcttc caagctagct 120
 gctgcctcct tactcctggc cctctacatg aagaagctcg gatactgggt tcccttctg 180
 gagcattaca gtggctacag tatctctgag cttcaccctc tggtcagaca gctgaacaaa 240
 ctgctgactt tcagttctta cgatagtctc aaggctgtgt attacaagta ttctcaccg 300

<210> 2469
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2469
 gaaagcagtg gacccatta ataactctgg ccaactctcg tagtggaact aatatgggag 60
 aagggtgtt gggagaattt aggatcttgt tgaatccagt ccaggtaact aaagaaaaaa 120
 actttttata ttaatgtttt cattttcccc aaaatgcaat gattattaat gcttcaagtc 180
 actaatcacc tgatcatagg aaagaataat aattacaaaa agatcagcca tttaaataatg 240
 tggataaaca ggcactcttg tgggaatata aaatggtaca acctctttag aagacatctt 300

<210> 2470
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2470
 gagagtctca ctctgttgct caggttgagg tgcaggcatg tgatcatagc tcaccgaagc 60
 ctcaacctcc tgagctcaag tgatcctctt gccttaacct cccaagtagc taggaccaca 120
 ggtgggcatg accacacctg gctaagtttt aaaatttttc tgtagagggtg gtgtctcact 180
 atgttgacca gactggcttc agatgcctgg gctcagcagt cctcctgcct caacctccca 240
 aagtgtctgta tgattgtttt aaataggaaa aaatttagaa ttttataata tcaaggcact 300

<210> 2471
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2471
 ttctacttgt ggactaattt tgggtgacct ctttctgtct ctgcagtctc ttaagcagat 60
 tgactatgat gcatgtcaca taaaacagtt ttctttctgt tctattgtgg agtttttctg 120
 gggctggaga acattctttt gttatttcca aacactgtct ataattacca gacatgatat 180
 aaacacataa ggtgccaaact ggaatttact ctagagggga ctttcctctc cagacttcca 240
 gtcaactcac acttgtgcaa caaagtgcac gctgtcccct aaatatgcaa gcagaactgt 300

<210> 2472
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

<400> 2472
 gctttaattt gtgttatttc tttattgacg ggaagaggta catctttttt tccttactga 60
 aaacaaatat ggattaattg cctcaaattt gcatanntga ttggctanng attcttgcnt 120
 gcaganngtg nagnngtana gacnctatcn gnngcangcc gntnctnnnc naccataaga 180
 tcgtgcatta tcctatgaca agatgaagcc cacagatatg cccgagnnnc agancacttc 240
 ctgnnccccct gcgnaancng annnagncct gngcgtmann ctggcntccc tacgcgacac 300

<210> 2473
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2473
 aagaccaagc gcatgcgaac ctctttcaag catcaccagc tccggaccat gaaatcctac 60
 tttgccatca accacaaccc ggatgccaaag gacctcaagc agcttgccca gaaaacaggt 120
 ctgacaaaaa gagttttgca gggagaacaa atcttggggc attacagcca aacatcccga 180
 cgtttgaaaa ttccctaaag tattaaaaga aggggaaaag tttgatcgga aatccactgc 240
 agtgaagaca aagacactat taggttatga taatcataca ttaaaaaatt tattaagcca 300

<210> 2474
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2474
 catcgatctt ctggtggcag tcctccttga agaggttgct gatgatgttg ctgcccagg 60

gacacaaatt	gttcttgagc	actgaggtgg	tcaaagcagt	cagtgttctt	gagcactgag	120
gtgggtcaaag	cagtcagtg	gctggagcca	cagcagtc	ggcctctaga	actatagtga	180
gtcgtattac	gtagatccag	acatgataag	atacattgat	gagtttggac	aaaccacaac	240
tagaatgcag	tgaaaaaaat	gctttatttg	tgaaatttgt	gatgctattg	ctttatttgt	300

<210> 2475
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

<400> 2475						
ttcaggagtt	ggacgactgc	tctttggccg	gattgcagat	tatgtgcctg	gtgtgaagaa	60
ggtttatcta	caggtactct	cccttttctt	cattggctctg	atgcccatga	tgattcctct	120
gtgtagcatc	tttggggccc	tcattgctgt	gtgcctcatc	atgggtctct	tcgatggatg	180
cttcatttcc	attatggctc	ccatagcctt	tgagatagtt	ggtgcccang	atgtctncca	240
ngcaatngna	nttctgctcg	gattcatgcc	tatacccatg	actgttgnc	cacccattgc	300

<210> 2476
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2476						
gtgtgggtca	cagacatcaa	gtactttaca	aggtaataga	atatcacaag	gcaagtggag	60
gcaggggtgag	atcacgggac	cagggcgaaa	ttaaaattgc	taaatgaagt	ttcgggcacc	120
attgtcattg	ataacatctt	atcaggagac	agggttttga	gatcaaccag	tctgacccaa	180
atttattagg	cggaatttc	ctcttcctaa	taagcctggg	agcgctatgg	gagactgggg	240
tctatttcac	ccctgcagtt	tcgacagtaa	gagacggcca	cgcccagggg	gccagttaag	300

<210> 2477
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2477						
gacaaagcaa	aacatcaaca	ttaagtcata	ggctaggatt	atacaaatga	gaacccccac	60
cttatatact	acttaataata	agttaactac	aaagagcctc	tccacttaca	tttttatcat	120
gcattcttaca	ttttaatgtc	cttattcttt	tatagaaaag	gtcataatac	ccaataaaaa	180
agaatctgta	atatccctga	tcgagcaaca	attgatcaca	tgctttcaca	tgtgaccaca	240
ataggaataa	aataacagcg	taaagaaatt	tgaaagttgt	attacatcat	tattcactgg	300

<210> 2478
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2478						
catccatgta	acgttgatat	taaggccagc	atctgggccc	ctgtgtcaga	ttaacaagat	60
tttcttggag	tattaactaa	cactttaatt	taaaaaattg	taaaatatta	taaaaaagtt	120
tatagaaatt	atatgttata	gtcaagtgat	taaaatttaa	tagatttggt	tataagattt	180
gtgagacatt	taattggcct	catgctgtct	ttatcagggc	ttattgtttg	gggaagtaag	240
tctcctctct	caaagaataa	aggtttttgc	cttttttttg	aaatcttcga	gttatcactt	300

<210> 2479
 <211> 300
 <212> DNA

<213> Homo sapiens

<400> 2479

ttcaggagtt	ggacgactgc	tcttttgccg	gattgcagat	tatgtgcctg	gtgtgaagaa	60
ggttttatcta	cagggtactct	cctttttctt	cattggctctg	atgtccatga	tgattcctct	120
gtgtagcatc	tttggggccc	tcattgctgt	gtgcctcatc	atgggtctct	tcgatggatg	180
cttcatttcc	attatggctc	ccatagcctt	tgagttagtt	ggtgcccagg	atgtctccca	240
agcaattgga	tttctgctcg	gattcatgtc	tatacccatg	actggtggcc	caccattgac	300

<210> 2480

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2480

ctgtgaagac	ctggaaacag	acaaaaaaga	gcttgccaag	ctccagactg	tccagctgga	60
tgaagatatg	caagacttat	gaactttatt	tcctcctcac	ctcttttttg	catcagcggc	120
aaatcttttc	atgaagcccc	aaggacacaa	aacattttcc	catttaaagg	aaaacactct	180
agttttgcaa	gtatatgcat	acaagagact	ttagattgat	ctgcatgaag	atcacagtta	240
agtatacagg	agtagaactg	cattattgca	gcctttttgt	tcacttataa	atttctcttt	300

<210> 2481

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2481

gtacccatat	acacatatat	acatatgtgt	acccatatat	acatatatac	atatgtgtac	60
ccatatatac	atatacacat	atgtgtaccc	atatacacat	atacacatat	gtgtacccat	120
atacacatat	acacatatgt	gtacccatat	acacatatat	acatgtgtac	ccatatatac	180
atatacacat	gtgtacccat	atacacatat	acacatgtgt	acccatatat	acatatatac	240
atgtgtaccc	atatacacat	atacgcatat	gtgtacccat	atacgcatat	gtgtacccat	300

<210> 2482

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2482

ggggcaaaaa	aaagaagcaa	gttctgaagt	tcactcttga	ttgcacccac	cctgtagaag	60
atggaatcat	ggatgctgcc	aatttttgagc	agtttttgca	agaaaggatc	aaagtgaacg	120
gaaaagctgg	gaaccttggt	ggaggggtgg	tgaccatcga	aaggagcaag	agcagctttt	180
ccagcgcgct	cgtcatttcc	ggactctctg	ctgcggaggg	gggcaatacc	agtgacaccc	240
agtcattccag	cagcgtcaac	atcgtgatgg	gcccctcagc	cagggtgcc	agccaggcca	300

<210> 2483

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2483

aattccgttg	ctgtcgctca	gcccgcctgc	accaggtga	aatagacagc	catgttgctc	60
acacaaagcc	tgtttgctgg	tctcttcaca	ctgactcgag	tgaaatttgg	tgccgtgact	120
aggatcgggg	gacctccctt	gggatgcaa	tccccgtcc	tcctacactt	tgctctgtga	180
gaaagatcca	cctacaacct	caggtcctca	gaccaaccag	cccaagaaac	atctcaccaa	240
tttcaaattc	gtgatagatc	acaacaagag	attatgaaga	gggcatggcc	gccatgtcat	300

<210> 2484

<211> 288

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(288)
 <223> n = A,T,C or G

<400> 2484
 cccagctaca tgggaggctg aggcaggaga atcacttgaa cctgggaggt ggaggttgca 60
 gtgagccaag attgcgccac tgcactgcag cctgggcaac ggacagtgc tccatgtcaa 120
 aaaaaaaaaa ttaattaatt gcctntggnt taaacgtaaa ancntttntt ggancagcnt 180
 aaangcntaa aatctgtttt tgttccaggn ggttgtaaac aggactcatt ttttnggnct 240
 ttganaggat cccggttact caacanaant gaaggaggaa tntgtaaa 288

<210> 2485
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2485
 gtcagttgag agctgttcac ggggccctgt ccaagtgtca gtagaatccc acagttcctc 60
 acacagttcc agagtcagtc ctaggggaaa agaggctccc tgcttgagga tgtttcctcc 120
 ttgcacttcc cggagaggat gttcctgcat aaaccatttc cattttatta tggaactatt 180
 ctgggcgctg ccatcccat ttgaatgttt ctctgacatc atgtgagaaa gcatgggtat 240
 ttcaggtgtc aagatcattt tatgtccttc agtcattagg gatagtttca gttaatgtcc 300

<210> 2486
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2486
 ggcagatgtc cttggagttc taccagaaga agaagtctcg ctggccattc tcagacgagt 60
 gcatcccatg ggaagtgtgg acggtcaagg tgcattgtgt agccctggcc acggagcagg 120
 agcgcagat ctgccgggag aaggtgggtg agaaactctg cgagaagatc atcaacatcg 180
 tggaggtgat gaatcggcat gagtacttgc ccaagatgcc cacacagtcg gaggtggata 240
 acgcgtttga cacaggcttg cgggacgtgc agccctacct gtacaagatc tccttcaga 300

<210> 2487
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2487
 gaagaactaa tacagagaga tattgtatac attttaccta gtttccctca attataacat 60
 ctttgcaaac tacaatacca tatcacaacc aggatactga cattgatacc taagacaaag 120
 aagataaact gatagatttt taagtaactt ttgtcttctt tgtcagtgat tgtcaattag 180
 agagagtcag gctatgagag gtaggctacc tgagtgtcag aatgaggtaa taagaataat 240
 gtttctcctc atctctacta aaaatacaaa attagctggg tgtggtagcg catgcctgta 300

<210> 2488
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2488
 ggacagcatg agcggcgggt ggatggcgca ggttgagcgc tgacgaacag gggctctggg 60
 cctggcgctg ctgctgctgc tcggcctcgg actattcctg gaggccgccg cgagcccgcg 120
 ttccaccccg acctctgccc aggccgcagg cccagctca ggctcgtgcc caccaccaa 180
 gttccagtgc cgacacagtg gcttatgcgt gcccctcacc tggcgctgcg acagggactt 240
 ggactgcagc gatggcagcg atgaggagga gtgcaggatt gagccatgta ccagaaaagg 300

<210> 2489
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

<400> 2489
 gactagaaag aggccctgcc ctctagaaag ctccagatctt ggcttctgtt actcatactc 60
 ggggtgggctc cttagtcaga tgcctaaaac attttgccta aagctcgatg ggttctggag 120
 gacagtgtgg cttgtcacag gcctagagtc tgagggaggg gagtgggagt cttancnntn 180
 tcttgntcta ggnttnatgg naaccanttn ttcaentttt tannatncct tgnnttatnn 240
 cagtttnttt ngctctgttn ngagtntgtn tgtctatatt ttattttctt tttntgtttt 300

<210> 2490
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

<400> 2490
 aggaagatta gacactgtgg ccgagggcac gtctagaatc gaggaggcaa gcctgtgccc 60
 gaccgacaac gcggagactc ttctgatcca accgctagaa ccgcgttggg atacagcctg 120
 aactctgctg cagtgttcag antgtcacac agcccaactt tagcccgcat ctncanacag 180
 gctttctacc ataccancc cacagcatct ggtatgacag actcccgggt tagctnacac 240
 ctaactccat tgcctattgn tacttgnent ttgencatnc atccnaacct tnanggtcca 300

<210> 2491
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2491
 gaaagagatc tgacctaac aactttatct tgccttaact tccaaactgc ccttagtcat 60
 tgatgggcat gggccaagct aacattggga gaaatttatt tcatagttaa aatgataata 120
 gccctttcaa aaactaaatg tcttttgta aattaatgaa aagccaccag atggggagga 180
 tgacaggggc ctgaattctg ctaagatgta ggcatagtta aatgattacc agtcattatt 240
 ctggagggtc caatatttgc aatttcccca attacttctg taaataacat cattattata 300

<210> 2492
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2492
 ctcaactttg tacctgtgtg gtcctcttgg ttagtgcaat gttgactgtt gaaaaagcag 60
 cagtatgctt acaggtttgc ttagtttggg gacaccgtta ccaccagaat ggctgctctg 120
 acaatatgcc tagggacttt ctcatggctt ttatttaata aggaggctgg gcaccctata 180
 aagcctcatg cattcacacc tttgcagcat ggtttatgcc tcagtgttat gtgcactgga 240
 atgttttcca cttcacattt ccaagtagaa atattagtgt tacggaagtg cctaatatcc 300

<210> 2493
 <211> 300
 <212> DNA

<213> Homo sapiens

<400> 2493

ggaaaaagttc	caggaccctg	agacatcttg	ggattcctgt	ggtttaggaa	agacctttaa	60
ctaccagctg	gtagttgtct	cagcattctt	caaatagtc	ggctctgttt	aatattatta	120
ttattattgt	tatttaattt	tattttattg	caactgtact	tagagaatag	tctggctctg	180
agaccttttc	actgtggctc	gttctggtgt	acggctccca	ccagtgtgaa	gcagaaggat	240
gactttgctc	tgttgtcagg	acaaccttga	aggaaggagc	caaatgtgtg	gaggtctgtg	300

<210> 2494

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2494

attcctatta	cagaccgaag	aagtactttt	caggcacact	tggtccagtc	ggtttgctcc	60
aaacaggtga	aaatgggtct	ttccaaattg	tatgagaata	agaaaatagc	tagtgccacc	120
cacaacatct	atgcctacag	aatatattgt	gaggataaac	agaccttctt	acaggattgt	180
gaggatgatg	gggaaacagc	agctgggtgg	cgtcttcttc	atctcatgga	gattttgaat	240
gtgaagaatg	tcatgggtgt	agtatcacgc	tggtatggag	ggattctgct	aggaccagat	300

<210> 2495

<211> 238

<212> DNA

<213> Homo sapiens

<400> 2495

aattcaaggc	ctctcgagcc	tctagaacta	tagtgagtcg	tattacgtag	atccagacat	60
gataagatac	attgatgagt	ttggacaaac	cacaactaga	atgcagtgaa	aaaaatgctt	120
tatttgtaga	atttgtagtg	ctattgcttt	atttgtaacc	attataagct	gcaataaaca	180
agttaacaac	aacaattgca	ttcattttat	gtttcaggtt	caggggaggt	gtggggagg	238

<210> 2496

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2496

cgcgacgggg	gttcagggaa	tatttactgg	gcctctccgc	tccctctgct	cttgagggtg	60
ccatgaggtc	agttagctac	gtgcagcgcg	tggcgctgga	gttcagcggg	agcctcttcc	120
cgcacgcaat	ctgcctcgga	gacgttgata	acgatacgtt	aatgaactg	gtgggtgggag	180
acaccagcgg	gaaggtgtct	gtgtataaaa	atgatgacag	tcggccatgg	ctcacctggt	240
cctgccaggg	aatgctgact	tgcggtgggg	ttggagacgt	gtgtaataaa	ggaaagaacc	300

<210> 2497

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2497

atcaggtcct	cagtcctctc	tgacaccaga	tggtaaacgg	aatcccaaag	gcattaagaa	60
gttctgggga	aaaatccgaa	gaactcagtc	aggaaatttc	tacactgaca	cgctggggat	120
ggcagagtgt	cgacgaggtg	ggctccgggc	aaccgcaggg	ccaagactct	ctaggaccag	180
ggactccaag	ggacagaaaa	gtgacgccaa	tgcccccttt	gccagtgga	gcacagagcg	240
tgtgtgtgca	tggttgaggg	actttggcct	ggctcagtat	gtgatctttg	ccaggcagtg	300

<210> 2498

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2498
acaaggacaa gaaagaaagt acggttgcaa cggctggctc gcatgcatgc cgacatgatg 60
gaggatgttg aggaagtata tgccggagac atctgtgcat tgtttggcat tgactgtgct 120
agtggagaca cattcacaga caaagccaac agcggccttt ctatggagtc aattcatggt 180
cctgatcctg tcatttcaat agcaatgaag ccttctaaca agaacgatct ggaaaaattt 240
tcaaaaggta ttggcaggtt tacaagagaa gatcccatat ttaaagtata ctttgacact 300

<210> 2499
<211> 300
<212> DNA
<213> Homo sapiens

<400> 2499
ccgagctgac aagtcaactc taagcactta tctagaagac tgtaaatttg acagagagcg 60
aatagaactg ttttgacagg aatatcagaa taataagaat tccctagaaa tcctactggg 120
aagtataggc agatctctcc ctcatataac ggatgtttct tggcgcttgg aatatcagat 180
aaagaccaat caacttcata ggatgtacag acctgcatat ttggtgacct taagtgtaca 240
gaacactgat tccccatcct atccagagat tagttttagt tgcagcatgg aacaattaca 300

<210> 2500
<211> 300
<212> DNA
<213> Homo sapiens

<400> 2500
taaagacata agtaccacat taaatgctga tgaagctggt gcaagaggat gtgcgttaca 60
gtgtgcgatt ctctcaccag catttaaagt gcgtgaattt tccataacag accttggtcc 120
ctattcaatc acattaaggt ggaagacctc ttttgaagat ggaagtgggg aatgtgaagt 180
tttctgtaag aaccatcctg ccccatctc aaaagtcatt actttccaca agaaggaacc 240
atttgaacta gaagcatttt atactaattt acatgaagtg ccttatcctg atgcaagaat 300

<210> 2501
<211> 300
<212> DNA
<213> Homo sapiens

<400> 2501
agcatgccct aaagagggac cagctgtagt aggtcagttt attcaagatg tcaagaactc 60
aaggctctaca gattccattc gtctcttagc tctactttct cttggagaag ttgggcatca 120
tattgactta agtggacagt tggaactaaa atctgtaata ctagaagctt tctcatctcc 180
tagtgaagaa gtcaaactcag ctgcatccta tgcattaggc agcattagtg tgggcaacct 240
tcctgaatat ctgccgtttg tcctgcaaga aataactagt caacccaaaa ggcagtatct 300

<210> 2502
<211> 300
<212> DNA
<213> Homo sapiens

<400> 2502
gacacattaa aagagagata tcaaaaaatt ggtgacacca aaaggaatac tcccattgaa 60
gctctctgtg agaactttcc agaggagatg gcaacctacc ttcgatatgt caggcgactg 120
gacttctttg aaaaacctga ttatgagtat ttacggacct tcttcacaga cctctttgaa 180
aagaaaggct acacctttga ctatgcctat gattgggttg ggagacctat tcctactcca 240
gtagggtcag ttcacgtaga ttctggtgca tctgcaataa ctcgagaaag ccacacacat 300

<210> 2503
<211> 759
<212> DNA
<213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(759)
 <223> n = A,T,C or G

<400> 2503
 aggntnnnttc naanagccag gctcttggtc tttttgcagg atcccatcga ttcggctgac 60
 tacttggaag cttgtgtagt atctgtgttg cagatccatg tgaccagcc ccctggggat 120
 atcctggtgt tcctgacagg acaggaggag attgaggctg cctgtgagat gctccaggat 180
 cgctgccgcc gcctgggctc caaaatccgg gagctcctgg tgctgcccatt ttatgccaat 240
 ctgccctctg acatgcaggc ccgtatcttc cagccacac cacctggggc acgaaaggtg 300
 gttgtggcaa cgaacattgc tgagacatca ctcaccattg agggcatcat ttatgtgctg 360
 gatccagggt tctgtaagca gaagagctac aacccccgca caggcatgga atcgctcact 420
 gtcacacctc gcagcaaggc ctcagccaat cagcgagctg gcagggcang tcgggtggct 480
 gcaggggaant gcttnccgct gtataccgcc tgggcctatc aacacgagct tgaggaaacc 540
 acagtgcctg agatccagan gaccaacttg ggcaatgtcg tgttgctgct caagaactta 600
 nggatccatg acctaatagca ctttgatttc ctggaccctt caccatatga gaacacttgt 660
 tgctggcttt tggancaact tgtatgctct nggaaccctt taancacctt ggggagctta 720
 ccacgtntgg tccaaaagat ggcanaactt gccggtgga 759

<210> 2504
 <211> 725
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(725)
 <223> n = A,T,C or G

<400> 2504
 gnaggnnnnn tttnnngggn tntatgcagc tcttgtcttn tgcaggatcc ctcgattcgt 60
 ttgaatatgg actatagttt agataatagt cttaggtaat agttaaatgt cctgggtttg 120
 attattgtgg ttatatgggg gaatgtcctt gtactcagaa gacatatgct gaagtacagt 180
 atttagagat aaaagtgtca tgtttgcaac taactttcaa atagttcaga aaaaaaata 240
 tgtatatatg tgtctgtgcc tgtatatgaa agagagaaca caaatgtggc aaaatattaa 300
 caattggtgg gccaggatg gnggggtggct catgcctgta atcccagccc tntgggaggc 360
 tgaggaggta ggattccttg agcccagcag tttgagacca gcctgggaaa catagggaga 420
 cgctgtctct ataaaaaata ataattcaat ttanaaaaaa ttgatgaana taggtgaagg 480
 gtatatgacc tttcactaca ctatncttga aatntctctg aangtttgaa atttatcaaa 540
 atataaaaat tgagaaaaaa ttttcaaact gccacagtca ataattgaat ttctcagcct 600
 gcacagtggc tcatgcctgt aatcccgcac ttttgggag ccaaggcggg cagatcactt 660
 gaggtcagga attcaagacc agcctggcca acatggcgaa ccctgctntc caaaacccaa 720
 aaatt 725

<210> 2505
 <211> 742
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(742)
 <223> n = A,T,C or G

<400> 2505
 tttnaatata ggctacttgt tctttttgca ggatccctcg attcgctgaa ttgtatcctt 60
 gaaaaatgct atgttggaat cttaatcccc aggacctcag aatgtgacct tacttattaa 120
 aaacagggtc tttacagagg tgttgagatt acagtaaggc cattagggtg ggccctaatac 180
 cagcatgact gatgtcctta aaagggggac tttggagaga aaaacatgct caaggaagag 240
 gatgtgaagg ctacgtgaag agactggagt gatgtgtctg caagccaaag aacacaaaaa 300
 atcgtcagcc accacctgaa gctggaagag gaaaggaaag atcttcctta gggccttcag 360

agggaacacg	gccttgatct	cagacttccc	ctctaagaac	tgtgggagaa	tcagcatctt	420
ttgtttaagc	ctcccatggt	gtggctctta	ttgtggcagc	ctgagcaaac	acagtggcta	480
aggaactaa	tttcaatcag	agacaatatt	caaaattcag	cactggatat	tggcaggact	540
aggcaactaac	cagtgcagaag	agatgacagc	tttgaactac	tcacacaggt	gggccactgt	600
ggggcacaga	gatgatgtat	tggnaaccag	gagtcacata	ggacgatggc	tcaatgacat	660
gagaaaacag	ggttggaagg	aaggaactta	agaatgctca	ataccttgna	aatgggnaca	720
aaagaaagat	tanttagatc	cn				742

<210> 2506
 <211> 752
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(752)
 <223> n = A,T,C or G

<400> 2506	
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gcacgagcct	gcctcccatt
atctaattgc	ctcctttgga
ctcacctacc	tgtgacctgg
gaaccaatgt	tcattcttaca
accaagctgt	gccctgacca
caggcatgca	gcctcaacct
gatattcagg	gttcacagta
ttatcacagt	gagaaaataa
cctttagctt	tcaagctgct
tcatttagtt	gatagtttaa
tactgagaga	ccaccaggct
aaaaacaatt	gtgangcggt
ctttttgcag	gatccctcga
tcacccctcc	gtgcactgag
agaaactcaa	aataatgcaa
tctgcttgag	ttgtcctgct
gtctccctaa	aatgtataaa
gacctcctga	ggctgtgcca
attgactgag	accagtctca
tgaaaccgcc	tttgcaaaaa
tctagccaac	ctccctcttg
agccaagcta	catgtgggag
aaacttaacc	acccttgtaa
aattctgcta	aggggtagac
cc	

<210> 2507
 <211> 733
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(733)
 <223> n = A,T,C or G

<400> 2507	
nnngggnggt	tttanatcag
aagaggaagg	taagtagata
cgagagaata	ggtatcagat
caaagcagcc	acaataatat
tctcatcatg	ttgaatttct
cttttatttt	tcagaatgat
catctaaatt	atacttgagg
gagctataca	cagcagatcc
cttttatgaa	ctccttttaa
cactccacct	ggatgacaga
cagataaacc	ccgcggggcc
gagtttatgc	atcacagtna
gctgnctcgt	gag
tgccggacct	cgattcgaat
ttaaccaggt	ttctaattca
aaaatgtagc	atgggtacta
cccgaacaaa	ccttgatgta
ataaagtatt	gtttgatctt
gttttgggga	ttcactgtaa
taatttaaac	aacttcatag
gttttattat	tcagaacatg
gccttgcagt	gagctgagat
gtctccagaa	aaaaaaaatg
accttctgcc	ttactcccat
cccggcccat	ccgtcacctt

<210> 2508
 <211> 750
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(750)

<223> n = A,T,C or G

<400> 2508

gnngnggntt	naaatanaca	ngctacttgg	ctttttgcag	gatcccatcg	attcgaattc	60
ggcacgagct	ggtcaggggt	tgactcagga	agctgagttc	cagcttggtt	ccttggcagc	120
actgccaaag	agttagacca	agctgcagct	tttgagggtga	aaggggatgg	aagaaagtac	180
tgttactttt	ccacttagaa	tttttggaact	ttgttcttaa	tgaatagggt	cattttcaat	240
ttcaaagcaa	agtgttaaca	tttttgaaat	ttgtctcaat	tctaaaggcc	aaacttaaat	300
atgtctcctc	ctactggggc	atggagcaag	ttattcatca	aatacagatt	ctcgcatgga	360
aaagaaagct	aggatagtgt	gtcgctgctg	ctctgtggca	agaacagct	cctttctaag	420
caacagcctc	actctactag	aataggctctg	agcgcgccca	ttcatggctg	attgcaactt	480
ccactgggtg	ggatttcaga	tctagaatct	gttttcagat	gccttaaaga	gaagacatag	540
aaacacattc	ttaacagttt	caggggagat	agttgggata	gtttgtagtt	ttgcttaagt	600
tatatgtgtc	tgntttctgc	ttttgggtgt	aacngactaa	cccttaattt	gggtgggttag	660
agaantgatg	ggaagacctn	aagaaagctc	anatgacatt	tggccttgct	ttaaattgtgt	720
agttttctct	cacaaggcta	gtcagaaaat				750

<210> 2509

<211> 745

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(745)

<223> n = A,T,C or G

<400> 2509

gnngggtnnt	tanancagn	ctctgttctt	ttgcaggatc	cctcgattcg	aattcggcac	60
gaggtggcat	ttgatgctgt	gggttgagc	ccagcttttg	ggtcagacac	acctgggttt	120
gaatcacatt	gctgccctt	ccaggctcac	atcattttat	ttcttttttc	tttttcttn	180
tttttttttt	tttgaggcag	gagaattgct	tgaacccaag	aggcggaggt	tgtggtgagc	240
cgagattgca	cctttgtctc	cagcctgggc	aacgagcaaa	aaactctgtc	tcaaaaaaaaa	300
aaaannnaag	aaaaagaaaa	atggcttcca	ggacagagca	tgctcatttg	ctggcggaca	360
gttccagaaa	cagaccctgt	tagtccttct	acttacctgc	tggatttttc	aagccctaaa	420
tttataactt	tttgaaacaa	aataatgngt	aattttccat	ttggggggcaa	actctattct	480
tgngagcatt	attaaaatct	tggttggtaa	atatattggc	tttctcttaa	tattgctctg	540
ggtcaggaag	aagctgttca	cggtgtgata	atactcttta	gatgggcttt	cattattata	600
gatgcatcat	gtcttctgct	ttcacgtgtc	tggggatggg	gtcaaaaatg	catccttcag	660
ctgacagaaa	aatccaggat	gagatccgaa	ggatactggg	gtttctgact	tttccaaaat	720
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<210> 2510

<211> 745

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(745)

<223> n = A,T,C or G

<400> 2510

cttggttttt	tgcaggatcc	catcgattcg	aattcggcac	gagcagagct	tagacatcca	60
aaactaatca	atgctgaggt	ggctaaatac	ctagcctttt	acatgtaaac	ctgtctgcaa	120
aattagcttt	tttaaaaaaa	aaaaaaattg	gggggggttaa	tttatcattc	agaaatcttg	180

catttttcaaa	aattcagtcg	aagcgccagg	cgatttgtgt	ctaaggatac	gatttttgaac	240
catatgggca	gtgtcaaaat	atgaaacaac	tgtttccaca	cttgcacctg	atcaagagca	300
gtgcttctcc	atgtgttttg	cagagaaatg	tttttcattt	cccgtgtgtt	tccatttcct	360
tctgaaattc	tgattttatc	cattttttta	ggctcctctt	tatctccttt	cttaaggcac	420
tggtgctatg	gcacttttct	ataacctttt	cattcctgtg	tacagtagct	taaaattgca	480
gtgattgagc	ataacctact	tgtttgnata	aattattgaa	atccatttgc	accctgtaag	540
aatggactta	aaagtactgc	tggaacaggc	tggtgtgctc	aaggacattg	attgctcaaa	600
ttttaaggaa	atgggnccaa	tgaaccgtng	gttggtggga	aggggaaaga	ngaaaccnga	660
gcttggtcan	aatgtggaaa	tnggatctgg	tggnataaaa	catgtttaaa	accaanccnn	720
nnnnanaaaa	aaaagncctt	tttta				745

<210> 2511

<211> 775

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(775)

<223> n = A,T,C or G

<400> 2511

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ggtaaaacat	gtaatttgga	catgcaagac	aatgctgctg	ccaactaaca	ttgcattgat	120
tcattaagat	gttatttttg	agggtttcct	ggctctttcac	tgacaattcc	aacattcctt	180
acttacagtg	gaccaatgga	taagtctatg	catctataat	aaactataaa	aaatgggagt	240
acccatggtt	aggatatagc	tatgccttta	tggttaagat	tagaatatat	gatccataaa	300
aattttaaagt	gagaggcatg	gttagtgtgt	gatacaataa	aaagtaattg	tttggtagtt	360
gtaactgcta	ataaaaccag	tgactagaat	ataagggagg	taaaaaggac	aagatagatt	420
aatagcctaa	ataaagagaa	aagcctgatg	cctttaaaaa	aaatgaaaca	ctttggatgt	480
attacttagg	ccaaaatctg	gcctggatgt	atgctataat	atataatttc	atgttaagtt	540
gtatattttt	cagaaattat	aaatattatt	aattttaaatt	ttgaatttgt	gttgacttaa	600
caacctcgat	gggatcttct	tcaaccttcc	attaagatcc	ctgcagnaag	aaaatnggaa	660
aatattcaaa	tanttgcaaa	ggtggttaaat	tgnggaagac	caacttaatt	attaataccg	720
tggttnaagg	tttcttactt	gggaccccca	ttggnaaatg	gganttaaag	aaaaa	775

<210> 2512

<211> 821

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(821)

<223> n = A,T,C or G

<400> 2512

ggtangnatg	gggtttttnc	agcacttggt	agttttgcag	gatcccttga	ttcgaattcg	60
gcacgagcct	gcatgcnntg	ntgcnnagtg	nntgangnct	gaaactcngg	tatnnncnat	120
angnctgtga	ncantgatca	ntagggacnt	aagatncata	tnntgctgct	ngnnactgaa	180
nnnctgtgg	ngntntagng	nngntgtatn	cctcngngga	nantntccan	ncatngtggc	240
aggcacctnt	agtccagct	actcgggagg	catnaggcaa	nagantggcg	tgaacctggg	300
agggtggagc	tnagtgaag	ccaagatcnt	gccactgcac	ttcagcctgg	gtgcagatga	360
gactccgnct	taaaaanaaa	cagaaaatac	gctcaatnan	taatacattt	ctgcccaaga	420
taagagnctt	cccttttgtg	gaatggntat	gaaaaatatt	ttnaagannn	ttttttaatt	480
aaccaatant	gtcttgatta	cttnnncctt	tcatttgcct	ggatcatcat	ntnaatngnc	540
cttgggaaat	gtgatgaaaa	anggtaancc	ctttggntat	ggaatantng	cntagatgan	600
cattngaatt	ttaggggana	agactattgn	ttngggaaan	cttgtaacct	ncttttttgg	660
cntnnaaaaa	ttgtcnnagg	gttttanaaa	aaaaantttt	ggattggntt	ccgttgngtn	720
attactngna	aatnctanna	acttttcgnt	agggccann	tttaatgaat	ttttntanc	780
ccctntannt	ttcntaanct	aanncttgct	aaanaanan	t		821

<210> 2513
 <211> 821
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(821)
 <223> n = A,T,C or G

<400> 2513
 ggtangnatg ggggtttttnc agcacttggg agttttgcag gatcccttga ttcgaattcg 60
 gcacgagcct gcatgcnmtg ntgcnnagtg nntgangnct gaaactcngg tatnncncat 120
 angnctgtga ncantgatca ntagggacnt aagatncata tnntgctgct ngnnactgaa 180
 nnnctgtgg ngntntagn ngngtgtatn cctcngngga nantntccan ncatngtggc 240
 aggcacctnt agtcccagct actcgggagg catnaggcaa nagantggcg tgaacctggn 300
 aggtggagct tgnagtgaag ccaagatcnt gccactgcac ttcagcctgg gtgcagatga 360
 gactccgntc taaaaanaaa cagaaaatac gctcaatnan taatacattt ctgcccaga 420
 taagagnctt cccttttgtg gaatggntat gaaaaatatt tttnaagannn ttttttaatt 480
 aaccaatant gtcttgatta cttnnncctt tcatttgcct ggatcatcat ntnaatngnc 540
 cttgggaaat gtgatgaaaa anggtaancc ctttggntat ggaatantng cntagatgan 600
 cattngaatt ttaggggana agactattgn ttngggaaan cttgtaactt ncttttttgg 660
 cntnnaaaaa ttgtcnnagg gttttanaaa aaaaantttt ggattggntt ccgttgngtt 720
 attactngna aatnctanna actttcggnt agggcccan tttaatgaat tttttntanc 780
 ccctntannt ttcntaanct aanncttgc aanaaanan t 821

<210> 2514
 <211> 747
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(747)
 <223> n = A,T,C or G

<400> 2514
 nggtttttaga tcagctactt gttctttttg caggatccca tcgattcgtc caaccctggc 60
 gatgtcacca gcatggtggc tcaggttaga gctctctgag gaccagcat agagcactgg 120
 tgccaggagc caaactgaga cccaccacc gtcacataca cttacatacc ataaaggctc 180
 tcagagtgcc ttggccctag acctccctc attcctttga gagatggaat ctaagaatga 240
 aacatctcca ctcatgctg caaatatgga agttcttgag ataccttttt ttggtagata 300
 cttgtgctgg tattctgaga gtcactttac tctgatggtt tgcaagattc ctaaaatcaa 360
 ctccagagct tacaagacag gtttgagaga gggagaaagg aaaaccaact tactggcccc 420
 catgccatct tttcccgttt agccattggg aggtctgggt gcacctctgt caagtgtcct 480
 catggtattc tctctgttcc tctcctcagg ccatgggtgt atatggagcc ctcacaaaaa 540
 gccccagtgc cagggaactnc agactcactc ttcagtggga gcagcagaga tgtccagggt 600
 acagatgcaa gtcttgatga ggaacttgat cgagtcaaga tgagttantg gaactgggct 660
 tggccaggga gtctggggac aaggaagcag atttctctgat tctggctcta ctttctctgcc 720
 aagatttggg ttttaattttt aattgga 747

<210> 2515
 <211> 746
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(746)
 <223> n = A,T,C or G

```

<400> 2515
gntnggttaa nccagctctt gtgctttgca ggatcccatc gttcgaatnc gnctngagag      60
acagantnct gantggaggg gntgaaactt cnnaggggnc cagagctgtn cnāgnccctgn      120
gngctgcnta tgagcactgg gttcccnag anaagatcct cncnactaat actgggtctt      180
cagagctttg caanttgcn ncaantgctt ttcttgccca nagaataanc agcatnaact      240
ccatangnc tctgngtgaa gcancangag ctgatgtata ncangtagcn ncagcnattg      300
gaatggacca tanaatngga aacaagtttc taaanccann gtagggntag gtgggagctg      360
ttancnaacg gatgntctga attaggatna tctntgtgan gctctgaatt gccanaatnc      420
nctcgttatt ggcancaggt natagacatg antgactacc ataggangag gttcgcttnc      480
cggatcatag atagcctgtc taatacctaa ctgattanaa gatcctatct tgggattngc      540
attcaaaann gacactggtg attcaagaga atcttctagt atatatctta gcacatattn      600
cgatggatga aggtgcacat tnacntatnt atgaatccan aagtnccctan ggāacaantn      660
gtngnggatc ttgnctatca agtggttttag aggatgacca attntnccgg cttggngacc      720
atctcnaagn ntctttttga agcnng                                         746

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```

<210> 2516
<211> 761
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(761)
<223> n = A,T,C or G

```

```

<400> 2516
gntnggntcn agancagcta cttgttcttt tgcaggatcc ctcgattcga attcggcacg      60
agcctgcagc cactaatgca ttgtgtatga taacaaaaac tctggtatga cacattttct      120
gtgatcattg ttaattagt acatagtaac atctgtagca gctgggttagt aaacctcatg      180
tggtgggtgg gtgggggtgt attccttggg ggatggtttg ggccgaatgg ggagtggaat      240
atttgacatt tttcctgttt taaattctag gatagatttt aacatccttt gcgggtcccag      300
tccaaggtag gctggtgtca tagtcttctc actcctaate catgaccact gtttttttcc      360
tatttatatc accaggtagc cactgagttt aatatttaag ttgtcaatag ataagtgtcc      420
ctgttttgtg gcataatata actgaatttc atgagaagat ttattccacc aggggtattt      480
cagctttgaa accaaatctg tgtatctaact actaaccaat ctgttggtatg tgggttttaa      540
aaaaatgttg ctaactaccc aagtnagatt tactggatta aatggccctt cgggtctgaa      600
aaagcttttt taacttcttn gcttaaaatg ccgtttaatt ttgataagat ncttnaaatn      660
gcctccaaaa gtgttananc caatcatttn aaataaacn ggntgtatat tgcattatgt      720
gtacatgcnt atncccttct ggttaaaact naaaaaaaaaa t                                         761

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```

<210> 2517
<211> 750
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(750)
<223> n = A,T,C or G

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```

<400> 2517
nggntctata gcangctact tgttcttttt gcaggatccc atcgattcga attcggcacg      60
agctgggggt cctgcagtgc ccgccttctt agctcagggc ctttgcata gctgttcttc      120
tgctgggttg ctttctctgc tacttcccgt ggctgcattt gcttaactta ctcttctgat      180
ttcagtctca atgtgcttct cttagggtga agccttctct gaccctacat tctgtagaga      240
taccgccatt ctgccattct ctcttttgtg gcctgggttt cacttgtaac taagtcatta      300
tccctgtatt tggtttgctt agtacatgtc tgtcctcaag caggggctgg cttcaggctg      360
ctgaccctgc tactgtctcc ttctcaccgg ctcttggttg tggcttctcc tcgaggctgg      420
tgctgcacgg ggcgggcagt gcatggccat gtctccttgt cagcgtccta cttacaagtt      480
gaggaagccc acagccagga agtgacttgt ccagggtcac aggaatgtg gagagagaat      540

```

aagaaggctc	tggtttctan	ggganggang	cttataactc	tacactttcc	tggccaggat	600
caccagggtc	tggtggggaa	cacataagtc	cctgcctgga	tggtaacctt	tttgccttct	660
tccaaatgtn	caatgcctgg	aanacggtgg	cctgccgggg	gaccaaggac	caacttttta	720
tgcaggaaaa	anccccggaa	cttctgggcc				750

<210> 2518
 <211> 749
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(749)
 <223> n = A,T,C or G

<400> 2518	
ggngngntcn	aaagccangc
agctacccta	cagatattga
atztatcaag	cagtacatga
caaatttgta	actttataaa
aatggaaact	ttttgaagta
gctctttcaa	gcagaagcct
atttacacaa	ctttaaaggg
tattgaaagg	aaaaggaaaa
aaggcaatga	aaaataaatt
acttctgcat	tatttagaaa
gcaatagtga	ctccgtttta
taaaatattc	ttagactcga
ttttgnctct	naacttttat
	tgaagtttt
	60
	120
	180
	240
	300
	360
	420
	480
	540
	600
	660
	720
	749

<210> 2519
 <211> 796
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(796)
 <223> n = A,T,C or G

<400> 2519	
gngtggnnnn	nmntttctnaa
tcggcagcag	gaaggggttt
gtctgaatgt	cttggtgtga
tgtcatcttg	acttcagctg
gaggagtctg	caactccatc
agcaagtacg	taattagata
aaactaaggg	tttcaaagta
aaattgcatt	ttgagggttg
tagtaagact	ttataacatc
aagcatttaa	atgtggccaa
naatgacttt	ttttgggcaac
gttaanncna	cccccaaccc
aangngggaa	accttggggg
cccantnaaa	ttgggc
	60
	120
	180
	240
	300
	360
	420
	480
	540
	600
	660
	720
	780
	796

<210> 2520
 <211> 979
 <212> DNA
 <213> Homo sapiens

```

<220>
<221> misc_feature
<222> (1)...(979)
<223> n = A,T,C or G

```

```

<400> 2520
gngnagnnnn nttnnnnngnn gcgngggnnnn ngnnngnttt ttngatcagc tcttggtctt 60
tttgaggat cccatcgatt cgcacactcc aggctgagaa aagagtaatt aggaggcctg 120
aggaggggcc cgaggaaagg ctggtggggt gtgctggggt tggtagccga gcgccttccc 180
ctcacctcaa ccagagaaga gcntccggtt gctttttaa gcttttagcc tgccctanca 240
aggacaaagc atgttagatt agagatgctt ctgctgatcg caggggttct tatttgaaaa 300
catctatgat gggggtgggg tggaggaac aggttggtgt tntgcaggaa annntgnnct 360
aaaaattntg antnngnggg tnaggnnnnn natnnnnnnn nnnnnnnnnn nnnnnnnnnn 420
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 480
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnngnnnnn nnnnnnnnnn nnnnnnnnnn 540
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 600
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 660
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 720
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 780
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 840
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 900
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 960
nnnnnnnnnn nnnnnnnnnn

```

```

<210> 2521
<211> 715
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(715)
<223> n = A,T,C or G

```

```

<400> 2521
gcggtcnatg ctgctcttgt tctttntgca ggatccctcg attcgaattc ggcacgaggt 60
gtgagttgca tataacatat ataaaagctg taacctggga aaaagttatt atctggaagc 120
tttagaaatt aatgttattc tttcttaagt atcatcagga aattaatcaa aatggccacc 180
ttgataccaa aaataagggt ttggggcata acatccttat gaattcaa atgtagtcatt 240
tcacatatct tccactttat ttcattaagt ccttcctagt agacactgtt caaacattat 300
tcaccattta ctaatgctgt tacaacatta ttttagaaga tggatatgga tagctgttct 360
agctttttaa gttttcagtg taaagcacca tgtgctaaac attggccagg atattctgta 420
tgaaatggct ttagttacag gcctgtctga caacagtttt catcagaaaa gtatgcttat 480
tttcttttct tttgaaaaat ttggctgaaa gcaatttttg caaagtcagc atagccttaa 540
gtgtcacatg agaaagatgg aattgaagtg gctgttaggt agacctgacc tgggtatggt 600
gactgtggtg acatgagtc tttggaggac acagcgtctc tncagcatct ctcttctgag 660
ggtcactctc ttttgtaggg gcttaccctc ttgncaatgc tacacacaaa aaaaa 715

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```

<210> 2522
<211> 726
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(726)
<223> n = A,T,C or G

```

```

<400> 2522
gnggtttnt cttgngcagg atccctcgat tcgaattcgg cagcagcccc tctccacatt 60
gacctctaga agtgggcctg tccaactcct aagtccanct ttcccacacc gggcagaaag 120

```

ctttttactg	gccccgttgc	tcccgggtga	ggcctaaaca	cttgatgatg	atgaagatga	180
atatngatg	atggtagcca	tcaacacagn	tttcccntgt	aacctncga	acaacctgc	240
anggcaaata	gtntcaccat	cctcnttttg	caaataaaaa	gctgatggct	canagaantt	300
aatgacttg	cccaagggtga	ctgagccant	angccacana	caggctccaa	atcccantct	360
ggaccgattg	gatgggcatt	cctgggtggg	ccggctccct	ctctggcaag	gctgtcatgc	420
tccccagtg	ccctggcttc	agctntggct	ggatcagtaa	aganccaagt	cgaagatcaa	480
gtcaggga	actcatgttt	tgnggctaag	aantattgct	acccttaatc	tcttcacttt	540
ctcttnagct	ncatgaagga	gcatttaact	tttngaagga	gtcattttcc	acaaggaaa	600
cagttcttaa	aaatnctgng	gggttgggct	ctctggctna	cacctggatt	tccagcactt	660
caggangcca	agatgcagat	ctctcgagcc	ttaanaagtt	caagaacagn	cccgggtaac	720
gtggca						726

<210> 2523

<211> 868

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(868)

<223> n = A,T,C or G

<400> 2523

ggcnggtctt	gcctttttgc	aggatcccat	cgattcgaat	tcggcacgag	ggccagtagg	60
tgctaagggtg	gacaccacc	cttctccct	ntncagacc	atcccaccac	cgtggntttg	120
ncnttccna	gctgcntaat	cactggacca	cctggnatta	cnngngtgan	ccancacaac	180
ngtctgttac	ncatgntgg	atnctantt	agatntcctg	nctntntgga	tannnnanna	240
cntnancaga	cnatgaacng	tntgnacata	ttatatnaca	tgngatgg	ttgtganacn	300
nttngtacng	tagaagtgc	tcttctgagc	ccattgnntc	nttccnagat	atanntngga	360
cntgattttg	acttgcattc	agcattntan	aanactttta	cagttgatgn	nactnattac	420
cnancgnact	gctnnttcat	tncaaatnat	tattcagggt	accnaagggt	atttttctaa	480
accattgtan	tttataaatc	caaggggaaa	tttcccntt	ccctnnntnt	tnttngaaat	540
nttggnggcc	nanngaaant	tttnanaana	aaccaatggg	ctttaaaaaa	aatggggccn	600
ttaaggatta	ttanccgng	nttnattttc	caancagnag	ggaataaaaa	ctgcanatg	660
nggcccaatn	nanaccntg	atnaaagggt	ggtangtatg	cctnggggat	tnaggaggga	720
tttaanttcc	ctttgttttn	ccaccncttn	ttggnaaacc	cnncgggta	aananggnnt	780
tannttgggg	tnnnnggntt	annnccttt	tnaacntnna	ntnnnnggct	ncttcccgtn	840
gnatcctnan	cttgatnnga	ncccatc				868

<210> 2524

<211> 737

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(737)

<223> n = A,T,C or G

<400> 2524

gnagnnnnnn	nttttnnagg	ngcgtctctg	tctttntgca	ggatccctcg	attcgaattc	60
ggcacgaggt	ttctaagcac	ttcctgtatt	gcatatcaac	tcatttaatc	ctcacagcaa	120
tgtagagatac	atactatcct	ccccatttta	taattgaggg	aactgaagca	tagacaggtt	180
acatagctgg	tgactggcag	atgaattgac	ttagccgtgg	tcctgcaggt	gatgagtggc	240
agcactgtgc	tcttatcacc	agctcttgag	cgtgctgcat	cctctcattt	gtcgttggtc	300
tcccctagtg	ttcagtactg	tgcttgcac	gtgtttatac	tcagtagctt	ttgaatgaca	360
gacttacatt	gcaaatacaa	cagatttcca	tgtcttatta	gaaactgctt	ttcttgaatt	420
actacatgta	acttgaagga	ttggtgaata	tttacagttg	ttgaaataca	aaaacaggtg	480
gctgaactta	gaaaccacca	agtggcaggt	gactttgcct	gacatccgtg	ttcacagacc	540
tnacagccc	ctggtgaaaa	ccacttcttc	atgtccacg	tccatcta	tacatgtgtt	600
attttttgnc	atttgcagag	tcaacggtg	caggaaagtt	tgaagaaag	tgaattacat	660

caaaatcttg gnatagtata taagtcacatc gggtttcaaaa tataactttt tttgaacctc	720
agcaactttg aatggat	737

<210> 2525
 <211> 835
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(835)
 <223> n = A,T,C or G

<400> 2525	
aggnntntga nccagctctg ttctttgcgg atccctcggt cgaattcggc acgagaataa	60
gcttttcttt aaattaatta gaaattactt gtaggaaatg tatagaataa caatgatcat	120
tttttttaac taaatgattt acaatagtga gaaagttgac cttgagttac atgttgaaag	180
aatagtatgt aagctggcaa cagaaattga aattgagaca gatttcagca ccaactgttg	240
taacaggctc ttattccaga ggaaacatgt cagtttttta ttagtgagta aaggatttct	300
gcgaagcttt aagaatatct catgttgagt attgacatgt attttgaatg atgattttat	360
gaaataacac ttgggattat ttttcttatt ctgnatcccc caaattacct taaaaactta	420
catcttttgt ttggggaggg atccttttagc aaatatgcct tttgtatggg aaagatcctt	480
ttatgaaagg tatacctatt aaatatttta gtttctantt accaatatca cntattccga	540
aggatanttt antaaaaaat tggccaaagg tccaggacct cnttttaaaa accaaaacct	600
tttaatttta aaangaatat tnccaaggga ttacccttag gaatttaatt cccaaggaaa	660
aatcctcaat tttccantcn atgggttttg gccattttnc ttctttttaa aaanccaatn	720
gggttnaatg gcccttggtt aatttgggta ataatngccn tanctggagt ggacctggta	780
ggnccttggg aantnccgga tctnggggtt acctttggna tggactggga taacc	835

<210> 2526
 <211> 740
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(740)
 <223> n = A,T,C or G

<400> 2526	
gngtgtgnnn nnntttntta aatgcggctc tngccttttt gcaggatccc atcgattcgt	60
gcacactaac atggcacctg cntaaaaanc acagacnggt aactttaggg acttcacagt	120
ggactcaagc agactgatcc cagattgtag gtagaagtgt gtttgcaaag gccagaggag	180
ctgttaggac ataatgcgat ggagacaatt tgcaacaatc actgantcca cgtttctgct	240
gtttaagggt ggctgaaagg atggaggtnt agcttgtaat gcaaaatata cgcagagggt	300
catagtgaag ctgaggagga gggccttcaa aagttaagt ggagatgttt aggtcagtag	360
caaatgggcc cagtgggaga gagtatgcc agagtttggg gagggtcang gtgtcnggtg	420
ctgggatgag ggcttcatgt ttggaagacg caaggtagag agccangaga ggaggaaagg	480
tagaacagga tgganggcaa gacctgtgta agaagaagtc ttaaactgtc aaccacaac	540
aggcatgctc ataaggaaag gttaaaaaaa aaaaanaaaa aactcgacct ntanactata	600
gtgagtcgta ttacgtagat ccagacatga taagatncat tgatgaattt ggacaaccac	660
actagaatgc agtgaaaaaa atgcctttatt tgtgaaattt gngatgctat tgcttttatt	720
gtaacctttt taacctgcat	740

<210> 2527
 <211> 752
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1)...(752)
 <223> n = A,T,C or G

<400> 2527
 nnngaggntn nanancagct cttgttcttn gggcaggatc cctcgattcn aattcggcac 60
 gaggctagtt cgagtttttt tttttttttt tttttttttt ttttttaaat aaggggcaag 120
 ttcccaaaga tcagtgtgga gtgctacaga aataattata ggagaggaaa tcataatcac 180
 agaaggnta atgcttggtt gaggtccgg aataagaact aaaaaaaaaa caaaaacac 240
 tggtttcatg cttacggggt acacactttg gngcatcccg tgaacacaaa ttttaatacc 300
 aaacaatcct tgatgcttca cctggggctg ccaagcagtt tgtaaaacag aggaaaacat 360
 ttagtgagtt ctgtattatc cttttccaac ttttctgttt gtgcaagttt ttgaanattc 420
 attggccaaa caatgaacaa caaaggnttt ctgagagaag acaagggtga cttttcattt 480
 tgtagtaaaa taccagtggc actgttgaac gaaacaaata cttttatctc agtctttcaa 540
 atcagtatta atgtctgngt ttccttccac tgacagctct tcttctagtt tcaactgaaa 600
 aagggtgtta gtatttttat cttggcactc tnttccaaat ccttnagcag ctccctcttct 660
 ttatatctcg ccacatngac ctntnaaccg gaattgncct ttantttgcc gnggngcttt 720
 gaaaaatccc gtngttctta aaaacttggt ga 752

<210> 2528
 <211> 734
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(734)
 <223> n = A,T,C or G

<400> 2528
 ggggnnnnnn ttcttaatag tgccctngtct ttgcaggatc cctcgattcg aattcggcac 60
 gaggcaggta ttatattatg aactactagc aattcgagag cctgcatcag tttggagaaa 120
 gactatcaac ctggaataac ctacattgta gttcagaaga gacatcacac tcgattattt 180
 tgtgctgata ggacagaaaag ggttggaaga agtggcaata tcccagctgg aacaacagtt 240
 gatacagaca ttacacaccc atatgagttc gatttttacc tctgtagcca tgctggaata 300
 cagggtacca gtgctccttc acactatcat gttttatggg atgataactg ctttactgca 360
 gatgaacttc agctgctaac ttaccagctc tgccacactt acgtacgctg tacacgatct 420
 gtttctatac ctgcaccagc gtattatgct cacctggtag catttagagc cagatatcat 480
 cttgtggaca aagaacatga cagtgtgaa ggaagtcacg tttcaggaca aagcaatggg 540
 gcgagatcca caagctcttg ccaaggcttg tacagattca ccaagatacc ttacgcacaa 600
 tgtacttcgc ttaaatagtc caagtatatt ctctgagang aagtactgaa agatgaattg 660
 acatacaacg tatgtttcca gtgaaagtca attgagtaag gacaccttca gccatacaga 720
 aaccaacact gtgg 734

<210> 2529
 <211> 682
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(682)
 <223> n = A,T,C or G

<400> 2529
 gnnctnntna gtgncatccg ttcnatcgga cnaggaaaa caagnatact aggcttgtca 60
 ggttttagccc natgtttgcn agctagctgc tggtycagaa atacaagaca taaatattat 120
 ttcgtagaca gttattattt cttactgtg aatttagcag aatttataga agtcttttgg 180
 gtagtaaagc tttggttaaa ttatttgttt ttaaaaaatc gcagttcatg aaacatttct 240
 acttattaaa tacaatgtga atactatata tattcttgct actgggtcat aattgttagc 300
 cctctcccat gcctcttctc ctcccctgaa tataacatgc gtattagaag gtttctttgt 360
 gttggatgct gctcatgaac catatgttaa gaggttgtca tattcatgta ttaaagcccc 420

attgtgtgtt	gtgatttcat	gacttttata	tctaaaaaaa	ccatattgta	gatgttcttt	480
agcttgaaac	acgagtgcct	tgaaattttc	cctttacctt	tctatttggg	cattcagtaa	540
atctacacat	ctgntttang	ctctagtgtt	aatagatgat	gtgatgcatt	tctgngatgg	600
nctggttgct	gatttttttg	gtaatgggtt	taatagttaa	atttctgggt	catgcttacc	660
tggtgagttg	gtaagtcgtt	at				682

<210> 2530
 <211> 714
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(714)
 <223> n = A,T,C or G

<400> 2530	
gggnnttgt	ctaagtcagg
ttgattttta	aagctgcctt
gtaaaaataa	atggtaactt
aatgaacatt	tatgcgncg
agaaatttag	aaacctattt
cagatatttg	cttctcctta
aaggctttga	ttggcattag
acataattat	tttatggacc
atatatgaat	aattaaggaa
gcactcaata	agtatttggt
acagggaaac	tttttctact
atcatgaaaa	tacttggaaa
	ctgacacca
	agagaatcat
	gtttngggca
	cagt
	60
	120
	180
	240
	300
	360
	420
	480
	540
	600
	660
	714

<210> 2531
 <211> 740
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(740)
 <223> n = A,T,C or G

<400> 2531	
tggggttntt	taganccagc
aattttcctt	atatgttctt
aatacttaca	ggtttaaaaa
agcacgacca	tcgtggcatt
aatatatata	tagggctggg
tgagggtggg	gaatcacctg
ccccatccct	acaaaaaatg
cttcaggggg	ccgatgtggg
atgatcatgc	cactgtctcc
aanaataaaa	tatgagaaag
tgatagctag	tgtttaactc
anaactatag	ngagtcgtnt
caacccaact	tgaatgcagg
	gaggatccct
	cgattcgaat
	tcggcacgag
	aatgtatttn
	ttaatttcta
	ttcatcagaa
	ctatcatgat
	caatttaaaa
	tttgggaggg
	tgacacacac
	ctatcagtta
	ggtcgaggct
	gcagtgcgtc
	aaaggaaaaa
	gccccaaagta
	aaatgtaaaa
	tcgagcctct
	ggatnecatgn
	tgagtttggg
	60
	120
	180
	240
	300
	360
	420
	480
	540
	600
	660
	720
	740

<210> 2532
 <211> 745
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(745)
 <223> n = A,T,C or G

```
<400> 2532
gngngtnttt taacccttgc tcttgtcttt gcggtatccct cgatttcgaaa aaaaattgtg      60
gtgattcaca cctgtaatca cagcactttg ggaagccgaa gcgggagggg cctttgaggg      120
caagagttca aggccagcct gggcagtata atgagaccct gtctctacaa aaaatTTTTa      180
aaagtaaaga aattttaaga taactaaata ctacatagtc atatatTTTa aatatttatt      240
acataaaggt aaaccaaata gaagaggaaa taatgttatg ccctacttca tatgaccaa      300
aactggaaga tagtgtctga aaatgaaaat gattgtattg ggaaggtaga attgtggcct      360
TTTTTTTTTT TTTTCTCag TTTTCTTctC attacatttt caatttagtc tttgtatata      420
gattttgggt tattggagaa tatataatgt gctctattaa tgtttaagtc ataaaaatat      480
aaatttcaag taatttaagc tccaatagtt atctaacctg ccttctaata aatgggaaat      540
aaatatTTac TTTTgtttt gataaacata tatttgttgg caactagcac atgattttaa      600
aagtatagtg gaactataca tttatgtctt aaaattaaaa ctataaagtt atgtgactgg      660
gaaaggaaaa ataattcatt caggattatc tgacatctta gtattatagt agtggttaata      720
ctacnttttn gggaaatgng tatcc                                          745
```

<210> 2533
 <211> 748
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(748)
 <223> n = A,T,C or G

```
<400> 2533
gntnggnttt ttananannca ggctacttgt cttttgcagg atccctcgat tcgaattcgg      60
cacgagaatc cttcttgagg aacatgttat tgtcctcatt gtccagatta gaaaactgag      120
tgtaaagtaa gttaaattat agtcctaagg ttgaatgcta ataaagacag aatacaagtc      180
caatatattg gactcaaaag ccctcactta actatggtct ccatgggctt cccttggtctc      240
tctctgcctt tttttatttt ttcttattgc ttgaggccct ttctggaagg taagtctgga      300
ttatctactt cacactgttt tagagaagac ttgtggtttc catttacccc ttactccctc      360
cgctccatgg cctttcaggg agaacactgt gggatatcatg ctgggtggcc tggagggtcc      420
aagtaacagg aatctanaag gatggaccag atgtgaacaa aagaaagcct gagtaggaca      480
caaaacagag aagtggggct gtaacatctc taagatatta cagcttgcta cttccactct      540
ctttgcaaat gtggtgaaac ccangctgga gtcataaaat aatagcatag gatcattaac      600
taaagtttgt ctagtgcttc cttgtgttca cacattatct cattgaacct ctgacgatgc      660
taggaggagg taaatagggt ttctctttac cttgggtgaa ctgagtcttc tgactaagtc      720
tcaggtcctt tctaccattg ngctgcan                                          748
```

<210> 2534
 <211> 737
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(737)
 <223> n = A,T,C or G

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<400> 2534
gngngngnnn nntttttnaa nncgctcttg tcttttgcag gatccatcga ttcgaattcg      60
gcacgaggca gaagctgccc gtgggcacca cggccacact gtacttcgga gacctggggg      120
ccagatcag ctgggtgacg gtcttcttaa cagagtacgc ggggccccctt ttcattctacc      180
tgctcttcta cttccgagtg cccttcatct atggccacaa atatgacttt acgtccagtc      240
ggcatacagt ggggtgcacct cgctgcatc tgtcactcat tccactacat caagcaccgg      300
gaataaagcc cgctgcccc agtcggaaaa aaaaaaanna nnnnnnnnnn nnnnnnaaaaa      360
```

aaaaaaaaact	cgagcctnta	naactatagt	gagtcgtatt	acgtagatcc	agacatgata	420
agatacattg	atgagtttgg	acaaaccaca	ctagaatgca	gtgaaaaaaaa	tgctttattt	480
gtgaaatttg	ngatgctatt	gctttatttg	taaccattat	aagctgcaat	aaacaagtta	540
acaacaacaa	ttgcattcat	tttatgtttc	aggttcangg	ggaggtgtgg	gagggttttt	600
aattccggcc	gcggggccaa	tgcatgtggc	ccgnnaccca	gctttgggcc	ctttantgag	660
ggttaattgc	ccncttgggg	gaaatcatgg	gcataactgg	ttcctgnnng	aaaatggtat	720
ccggttanaa	ttncacn					737

<210> 2535
 <211> 753
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(753)
 <223> n = A,T,C or G

<400> 2535						
agnaggnnnn	nnnnnggna	gnnnnnnnnn	gnnngnnttn	taatcggnat	ttctaagtct	60
nggctctngt	tctttttgca	gatcccatcg	attcgaattc	ggcacgagcc	ttcccacctt	120
gtgagttctc	ccagcagttc	ctggattccc	ctgccaaagg	actggccaaa	tctgaagaag	180
attacctgg	catgatcatt	gtccgtgggt	ttggttttca	gataggagtt	aggtatgaga	240
ncaagaagag	agaaaaacttg	ggctgaccct	gttatagtgg	ttatagtgg	gtccctaaag	300
ggaggaaatg	atctcancaa	aactggttga	acagcggatg	aagatatgga	attcaaagct	360
ctaattggacc	tttttgaaga	agaagttgtg	gcttatgtgg	gagttacatg	ggcctctgat	420
ggaagaaact	aatctgttaa	gtatttgtgc	atcttactaa	aatggcagct	ttaaagttgtg	480
tatctgctat	tgtgatgcc	atgcccgggtg	ttttaagtgg	aaaaaaaaat	gacctctttg	540
atctgtgctg	ngtacacaag	aatttctggg	aaaagtaaag	aaaaaccctt	ttttatggct	600
cacacactta	agantagctg	ctcttaaacg	tgcgctcaca	gttgaactgc	tttgggtaat	660
tctaaataaa	tngttctttg	aggaaaaaaa	naaaaaaaa	ctcgacctnt	anacctatgg	720
gagtcntatt	accgtnatcc	anacttataa	nan			753

<210> 2536
 <211> 779
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(779)
 <223> n = A,T,C or G

<400> 2536						
gagnagnnnn	nttttngaaa	gccnnnnnna	ggnagnnttn	nagaggnntt	tgaagccctn	60
ctacttggtc	tttttgcagg	atcccatcga	ttcgaattcg	gcacgaggcc	acttgacaca	120
gtgagtggcc	tcttaaatct	ctcgttactc	taccatgtct	ggctgtgtgg	tgtctttctc	180
ctgacgactt	ggtatgtctc	atggatactc	ttcaaaatct	atgccacaga	ggctcatgtg	240
tttctgtgtc	aaccaccatt	tgcaagaagg	tcagatgagt	gccttccaaa	agtgtttaat	300
agcaatcctc	ccccatcat	aaagtattta	gccttgccag	acctgatgtt	gctttctcaa	360
tattctcctt	cacgaagaca	agaagttttc	agcctcagcc	aaccaggtgg	acatccccac	420
aattggacag	ccatttcaag	ggagtgtttg	aatcttttaa	atggtatgac	tcagaaactg	480
attctctatc	aagaagctgc	tgctacgaat	gggagagtgt	cttcatctta	cccagtgga	540
cctaagaaaa	ttaaattctc	cagaagaaac	tgcttttcag	acacaaaaat	ctagccagat	600
gcctcgccct	tcaatgcccc	cattagttaa	aacattactg	gtttcttcaa	aattatctac	660
acctgatgt	ttgtgaaccc	cattttggga	ccccatttg	gcttntantg	gtaatggaat	720
cggattggct	tggaattttt	ggntgtnaac	acctggctat	tgggcacccg	caaaagtct	779

<210> 2537
 <211> 769
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(769)

<223> n = A,T,C or G

<400> 2537

gagnaggnnn	nttttngaa	agccnnnnnn	nnggnagntt	tnaagagncc	ttgaagccat	60
tgctacttgt	tctttttgca	ggatcccatc	gattcgaatt	cggcacgagg	gggcagtaaa	120
taataatagg	gaggatagaa	aagtcagcat	ggcattccag	atgagaaaac	tgaagcaagt	180
taaactttct	acatggtaac	cgtgattatg	tagttgatat	acaaagtaat	gactgtgggc	240
cttcaagaag	aggtaaaata	cattcattat	attaacgagt	gcatcttaga	aagatttctt	300
tcaaaaagta	gttgaagttt	ttttgcttta	aggagtaa	ctcaatcatc	tggaaattta	360
acttctgtgg	aatacctctt	tacatcttaa	aggaaatggt	aatgcattat	attgagggtta	420
ttattgcaat	ggaattttca	aaaatgtgag	tgtgctcttt	ntgtttctag	aatctataag	480
acacatatct	ggtctaagta	tagtgtctac	taagacaatt	tcacaatcca	naaaatagtt	540
ggtttagcaa	ggatatcaag	ttcaacccca	gagactagcc	aaagagggaa	ggctatgaaa	600
taaaaagctt	atagatggct	agnctcatat	ctnnggcttt	atncctataa	aaggatctca	660
ngaaatatgn	aatcanaaat	atnggtattt	aatctcctcc	ttttttggnc	catngcctct	720
ttagggccaa	nggtttttgg	gngaaatcat	tggtnggcc	attngggtt		769

<210> 2538

<211> 754

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(754)

<223> n = A,T,C or G

<400> 2538

gnnnnnnnnn	gnnnaggttn	nnagnnnnnt	ttctaatacn	aggctacttg	ttctttttgc	60
aggatcccat	cgattcgggtg	gtcctcactg	aagaaagaaa	cattcttcct	aaaagacttt	120
ttttctcag	agttggagcc	cacagcgtgg	tcaggaaaga	gaagtagcca	ctggtggctc	180
ctggcatcct	cctgctgggc	agcccttctt	caaagtgtga	ggggctccct	tgtgtacaag	240
caggaagctc	tgagaaagtc	aggtttgctc	ctaccacagg	ataattccga	tgaacctgaa	300
aagcgggttt	tggcttggtg	gcagggactc	tggtggaaga	aagggtgaca	gcacctgcct	360
gggcatgaca	caagtttaga	cccgtaccaa	gaggccctgg	aattgagggg	gggggttgct	420
gtggactctt	tctccctctt	aggaaactct	attgggtctc	catctgtcac	agaagcagta	480
aatgatgtag	gggctgccag	gtatagggtc	ctgtggggat	gctggaacat	gccgangcag	540
gacgtgccag	ccaccctctg	cccatatgtg	cacanggcca	cagatgtgct	tgtcggtagg	600
agagaccaag	ctgtctgtgt	gcccattgtc	tgacacctga	gacttcaggt	tcaccccatc	660
ctggttctgc	catttccatt	tgcaaggtgg	ctttcccttc	cttttgggga	ctctttaacg	720
cctttgggnc	tgtttaaaaa	aaaaaaaaaa	aaaa			754

<210> 2539

<211> 742

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(742)

<223> n = A,T,C or G

<400> 2539

gnnnnnnnnn	ggnnngnnnn	nnnnngnnnn	tttnaatnga	cnggctactt	gttctttttg	60
cagggatccc	atcgattcga	gtgcatccat	gcgttttcac	ttgttcttag	gctacttcat	120
ccaataatat	atttgagtag	ttctgaacag	gaacacaagt	aaggagaatt	tttttttttt	180

tttctgatac	agggtcttgc	tgtgtcaccc	aggatggagt	gcagtgggtg	gatcttgggt	240
cactgaaacc	tcaacttctg	tggctcaagc	catcctccc	ctcaagcctc	cgagtagctg	300
ggactacagg	cttgaccac	cacgcctggc	taatTTTTgt	atttttagta	gagatgggat	360
tttgccacgt	tggccaggct	ggTTTTgaac	tcctggcctc	aagtgatcca	cctgccttgg	420
cctcccaaag	tgctgggatg	acaggtgtga	gccactgggc	ccacgtgagc	agcatatTTT	480
taaaagctcc	cctgatgatt	ctagtggacg	agaaccacca	gtctatgtaa	ttatttgtct	540
gtttagtgtc	tgtctgtccc	gaaggtttag	aagttacaca	aggggaggga	ctgtaaatac	600
ttgttgaatg	aaaaatgaat	gcattgggaat	gaggatattt	ctttgcaata	ctgattttat	660
ttccttatac	accataaaat	gggaatgctg	gatcatatgg	agctctattt	ttaatgtttt	720
gaggaccctn	catactgctt	cc				742

<210> 2540
 <211> 892
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(892)
 <223> n = A,T,C or G

<400> 2540	
gctagttinga	agaggtgttt ctaangnntn ggaatcgaca tctnnnnagg cngncentgc 60
gattcgcttt	gctctctcca ttccaagttg ttctctgttc tagaaagcng atgnngggnt 120
acatctactg	ttttgccta aacagaatcc cttntcctt tttttgttaa aaggctcatn 180
cctaataatta	cattgctctg gaacgantga caataccana actcagcacc ntgatcggac 240
cgggacaatc	agattatcta attcctcagc aaacggagat cgatccgaaa agtggaaata 300
tganctcntn	ctttgtgntg gcatatggac cctgagagaa agaaacttta atcttttact 360
cttggactgc	aatnaagtnt agctgcctaa aaatcnnttt cntgacactt ngnaggtttg 420
tccacaatcg	ggngaaatta nngggtninga cntaancact ggatgaaaaa aaatnccgnt 480
tantnttatt	ncnnttccan ncttntnaaa tanananttt ntcanccctn nntaatacta 540
ttanntatat	ntntnnncc cnatnnncc ttcttntctc tacnncnntn cnatntnnnn 600
nnangntcnn	cnannnnntt tnttatttct annatatntc ntancnttna ctaaaacctc 660
cnctcgttna	nattcnnta taatattntc tctaganmtt ntntntnttt gnnncttaaa 720
anctcntcta	ttccctantat nantnattct taccatnaaa tacactanaa gtnntntcac 780
gagacncgnt	atgttantnc anactataat cgcttncatn tanntatatn taaaantgct 840
atncagnnag	nngntnttat atntttanct ngnnaggnta tcctcnatan cc 892

<210> 2541
 <211> 749
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(749)
 <223> n = A,T,C or G

<400> 2541	
gnanaggtct	atgtggctct ngttagtgtg gcaggatccc tcgattcgaa ttcggcacga 60
ggatctactg	ccttagcaaa tgcatatat atgattacaa gattattaac tatagtcacc 120
atgctgtacc	ttggaaaaga aaacctactt ttcttgctta agtaaaactt ttacctttt 180
caaggactgg	gggaccttga gtatgtgcag attttggtac acgcangggg tcctagcacc 240
aatctcctgc	gtgtaccaag ggatgaccgt gtgtatagaa aatcacatgt ttattaccca 300
tgtatttgtt	gttggatgct tagtctgttt ccatactctt ctattgtaaa tagtgccgca 360
gntacatga	gtgtgcagat aactnttaac aatactgatt tcaatccctt tgtggagtgt 420
ctggatcgta	ttaattntgg ggggaacctn cgtctgtttt ccataatggc tgtaccaatt 480
tacattccca	ccaacantgt acaaagatgn ccatttttnc atgtctcact agcactcggg 540
tgtntttttg	gtaatagccc ttctaacagg tntcaggtga tacccttatac naggttttga 600
gtcaaatTTT	ccanatgatt taagaagttg acaantnttc atatcctgtc aancgtnagc 660
gatgnttttt	ttttatagnn agacaggntt tnntctgttg tgcagantgg tttaagatgg 720

tgcgancatg gntcanttnn tcctttnc

749

<210> 2542
<211> 722
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(722)
<223> n = A,T,C or G

<400> 2542
gnnagnnnnn nngnngnnntt tnagatacag ctcttgttct ttttgcagga tcccatcgat 60
tcgatcagta tgaactctta aaacatgcag aagcaactct aggaagtggg aatctgagac 120
aagctgttat gttgctgag ggagaggatc tcaatgaatg gattgctgtg aacactgtgg 180
atttctttaa ccagatcaac atgttatatg gaactattac agaattctgc actgaagcaa 240
gctgtcccag tcatgtctgc aggtcccag atatgaatat cactgggcag atgggtcta 300
attaaaaagc caatcaaatg ttctgcacca aaatacatng actatttgat gacttgnngt 360
caagatcagc ttgatgatga aactcttttt ncttctaaga ttggtgtnc atttnccana 420
aactttatgt ctgtggcaaa gactatncta aagcgtctgt tcanggttta tgcccatatt 480
tatcaccagc actttgatc tgtgatgcaa ctgcaanagg aggccacct taacacctcc 540
tttaagcact ttattttctt tggtcaggag tttaatctga ttgataggcg tgaactggca 600
cctcttcaag aattaataga gaaacttga tcaaaagaca gataaatggg tcttcttaga 660
cacagtccc ccttgcttca tctattgcta gaactatctc attgctatct ggtataacta 720
gt 722

<210> 2543
<211> 764
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(764)
<223> n = A,T,C or G

<400> 2543
gnnngnnnnn nngnnggatt nnancgantt tgcnaatnna nagctacttg ttctttttgc 60
aggatcccat cgattcgaat tcggcacgag gcggttgagg ctggacacgg gaccccagag 120
cctgtctggg aagtcgacac cccagccacc atcaggcaag acaacaccca acagcggcga 180
cgtgcagggt actgaggatg ccgtgcgcg ctacctgaca cggaagccca tgaccactaa 240
ggacctgtg aaaaagttcc agaccaagaa gacagggtg agcagcgagc agacagtga 300
cgtgttggcc cagatcctca agcgactcaa ccccgagcgc aagatgatca acgacaaaat 360
gcacttctcc ctcaaggagt gaggttggg ccaatacatg gctctgcccc ccagaactta 420
aggctctact gccccttcgc catcctagan tgaggctctg tccaatacat ggctctgcct 480
ccagaacttc agctctcagt gacccttcga catcctgctt gctcctgact tccaaggccc 540
cgtagttagc aattctggaa aagttaagcc atctncttcc tctggnctt tccttctggg 600
aatcttcaaa atgcctgtta nggncctten ttattggccc tccntccttc cttggcttcg 660
ggccttcnt taaaacttga ccaaaggggc cttgttgctt ggcccaactg gggtaaactt 720
ttttacaagg ttctttccct ttccacttt cccctnaaag tntt 764

<210> 2544
<211> 764
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(764)
<223> n = A,T,C or G

```

<400> 2544
gnngnnnnnt ttttnnaagac cangcctctn gnnctttttg gcangcagtn cntaganctt      60
ngtgcaggat cccatcgatt cggaaaacat gagacataga aatcattgag attcatcaag      120
aaaaagttaa attataatga gcatgaagtt agtaaaaggt ggacatttga agaagggtatt      180
aaaagacctt actttcatgt gaaacctttg gaaaaggcac aactaaaaaa ctggaaagaa      240
tacttagaat ttgaaattga aaatgggact catgaacgag ttgtggttct ctttgaaaga      300
tgtgtcatat catgtgccct ctatgaggag ttttgatta agtatgccaa gtacatggaa      360
aaccatagca ttgaaggagt gaggcagtgc ttcagcagag cttgtactat acatctccca      420
aagaaacca tgggtgcatat gctttgggca gcttttgagg aacagcaggg taatattaat      480
gaagccagga atatcttgaa aacatttgaa gaatgtgttc taggattggc aatgggtcgt      540
ttacgaagag taagttaga acgacggcat ggaaatctgg aagaactgaa catttgcttc      600
aggatgccat taagaatgcc aaatcaaata atgaatcttc attttatgct gtcaactacc      660
cggcatcttt tcaaaatnca gaaaaacctt ncaaaatcaa gaaangngct ttttgggaagc      720
aatcgaaaga gncaaggaga acacaagntn tncctcaatt tact                          764

```

```

<210> 2545
<211> 800
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(800)
<223> n = A,T,C or G

```

```

<400> 2545
gnagnnnnnn ttttnnaang tccngncnnn gnnngnnttt nnagagnnnt ttnaancnnc      60
ntgttcagg atcccatcga ttcgaattcg gcacgagaac atctcctctt gtcattccta      120
ggacatagac ggtagggaa actctcatct ttccttcacc acctcatgag tctaaaaaca      180
atgataaacc caggaagct tgctgaaaag catcctccat ttggttatng ctctttgtct      240
agggaaatca gnactcagct gtgaatngtg gaccaagtgg tgcagaactc attactttga      300
acaatgcctc ctggccttg gaagcatgtn ctctcttcta ctagcagggg cttattccag      360
gctggctttg gtcacaagga aaatcattta gacacagttc agtggtttct tattctgtct      420
cctccttacc ctgccctgca cccctgtcct taagagggaa aagggtgnag gtgctgtctg      480
gtatcattgc tgcctcgcca gtaganggtt gcccgtgtg caagggtaac tgcccgcctg      540
ctcccttctt gacctccctt ggaccccgaa gatcacttac ctctgggtcat tcangcctnt      600
gggggtacaa tcttgataa agtcgngtca aaaactggcc aaatttcaag gacttgaaaa      660
tgnggttttt taaaaaaacc aaatccctta tnaacntcca ctttggnacc tttaanattt      720
taaaaactgg ggnaaaaat ggngaanaatt cctttgggac ccactttttt taaattnaat      780
ttaagccctt naatggaaan                                          800

```

```

<210> 2546
<211> 852
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(852)
<223> n = A,T,C or G

```

```

<400> 2546
gnagnnnnnt tttngaaag cnnnnnnnnn gnnngntttt atagatcant tnacttgctc      60
tttttcagg gatcccatcg attcgaattc ggcacgagca cattttcctg ttttcttcca      120
agccctccac agtgttccaa cctctgccgg ttaccattt ccaaagtcac ttccacattt      180
tcgggtatcc ttatagcagc accccactct accagtccaa tttactgtat taagtccatt      240
ctcatgctgc tataaagaac tgctcaagac ttgggtaaat tattaaaggg aaggagggtt      300
taaattgacc cacagttcct cagggttcgc aagggcctca ggaaacctac aattatggtg      360
gaagggggaa gcaaatgccc tacttcacat ggtggcagga aggagaagaa tgagaaccaa      420
atgagggaga agcccttat aaaacatca gatcttgtga gaacttacta tcatgagaat      480

```


agcatggggg	aaactgccct	gtgattcaat	tacttccact	aggctactcc	accatacatg	540
gagattatag	gaactacaat	ttaggatgag	aatttgggtg	gggaacacag	nccaaacat	600
atcaaggtnt	taaccagcag	gaatttaacc	caagcctgag	ggaaaagact	tttcaagaag	660
cttcaaaaga	ctgggttctt	nccaaaaatt	ccaggttagg	acccaaaaaa	tttaaanann	720
annnnnnaaa	aaaaaaaaac	nttgaagcc	cctttttaga	aaactttttt	ngtggaagtt	780
cccnantttt	accggttnnn	aattcccnag	nacccttgga	attangggaa	tncccaattt	840
gggttnгнаa	gn					852

<210> 2547

<211> 852

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(852)

<223> n = A,T,C or G

<400> 2547

gnagnnnnt	tttnngaaag	cnnnnnnnn	gnnnngntttt	atagatcant	tnacttgctc	60
tttttgcagg	gatcccatcg	attcgaattc	ggcacgagca	cattttcctg	ttttcttcca	120
agccctccac	agtgttccaa	cctctgccgg	ttaccattt	ccaaagtcac	ttccacattt	180
tcgggtatcc	ttatagcagc	acccactct	accagtccaa	tttactgtat	taagtccatt	240
ctcatgctgc	tataaagaac	tgctcaagac	ttgggtaaat	tattaaagg	aaggagggtt	300
taaattgacc	cacagttcct	cagggttcgc	aagggcctca	ggaaacctac	aattatggtg	360
gaagggggaa	gcaaatgccc	tacttcacat	ggtggcagga	aggagaagaa	tgagaaccaa	420
atgagggaga	agcccttat	aaaaccatca	gatcttgtga	gaacttacta	tcatgagaat	480
agcatggggg	aaactgccct	gtgattcaat	tacttccact	aggctactcc	accatacatg	540
gagattatag	gaactacaat	ttaggatgag	aatttgggtg	gggaacacag	nccaaacat	600
atcaaggtnt	taaccagcag	gaatttaacc	caagcctgag	ggaaaagact	tttcaagaag	660
cttcaaaaga	ctgggttctt	nccaaaaatt	ccaggttagg	acccaaaaaa	tttaaanann	720
annnnnnaaa	aaaaaaaaac	nttgaagcc	cctttttaga	aaactttttt	ngtggaagtt	780
cccnantttt	accggttnnn	aattcccnag	nacccttgga	attangggaa	tncccaattt	840
gggttnгнаa	gn					852

<210> 2548

<211> 879

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(879)

<223> n = A,T,C or G

<400> 2548

gngngnnnn	ttnnnnnagn	nnnnnnngnn	nggtttngat	cagctcttgt	cttttgcagg	60
atcccatcga	ttcgaattcg	gcacgaggtt	gtattggaaa	gcagtagtgt	ggacgaattg	120
cgagagaact	tagtggaat	cagtgggatt	cctttggatg	atattgaatt	tgctaagggt	180
agaggancat	ttccctgtgg	atattctggt	ccttngntnt	tcatccanga	atttaanaac	240
tggaattcc	taaaagtgtt	cttaccctt	gaaatggctn	tgggccctc	tttttaataa	300
tctgtgtgga	atggaatggg	tgcccgggt	ccantaattt	tttaattang	ggggatttaa	360
aaaaccaaga	aangnaaatt	ttaaatnggg	aaaatttggg	accaggaatg	gaagcccaaa	420
angaaaaatt	ggaaacctgg	gattgnaaaa	aaaanggaaa	aagnccagtt	ccgaactttc	480
ccagaaaaga	acntggggac	canttcgggg	gttaaccant	accttcaacc	ntcgggttaa	540
aggaggaaaa	ggccacctta	aaaaaantat	tantcttggg	attggaagcc	accccaaant	600
taaaggaaatc	tggacntcaa	ggactggacc	tctggatagg	tggttagccat	tttnccctgg	660
ggggaagttt	ttggttttaa	ttagatggnt	cacttccact	gggtagtgcc	attttggnc	720
ggacatggtt	ggggtaccca	tgaccacac	tgatggactg	cctaccatc	agaactcatg	780
cccaatggcc	ctggtttgac	tcggatcatg	ttggcctata	gtcaaatgtc	tgtaagtga	840
anggatgtgc	aaaaataaaa	aaaccccaaa	aagctccna			879

<210> 2549
 <211> 797
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(797)
 <223> n = A,T,C or G

<400> 2549
 attttnnaan ctttatnnc ttttgctact tgttcttttt gcaggatccc atcgattcgc 60
 acactccagg ctgagaaaaga gtaattagga ggcctgagga ggggccgagg aaaggctgtt 120
 ggggtgtgct ggggttggtta cccgagcgcc ttcccctcac ctcaaccana gaagagcatn 180
 cggttgcttt ttaaagcttt tancctgccc tagcaaggac aaagcatgtt anattagaga 240
 tgcttctgct gatcgcanng gttcttattt gaaaacatct atnatgggtt ggggtgggag 300
 gagacagggt gtggttatgc angaaaatct tgtcctaaaa atatatgact tngggggtaa 360
 ggggtgggat agccaagcaa aatcactnat tattntaaaa tgaacatatg tnttttnatt 420
 aacttnnagt taaatacaga ttttacaact aggtcagcat angcctnaat ctatatagag 480
 ggctaactca ggcattgtct ngtttatttg gtagactgga ttcaaaacaa cctgtcctgt 540
 tttgtcagnt cccagcttnt tcnttttagaa taaattanac caaaagnaac aaactgtgct 600
 cgctcttgta taccgcgaga atgaactact gttgtaaaac tggatttttt cattatacta 660
 ngttncgaaa agcnagatgc ttggtanatg tacaatacca ngatcctttt taaattgaat 720
 ggggtgcatt taaaaatcct cncttaacat ttctaagaaa gaattgtttc aataaaataa 780
 ntggaatctt canangg 797

<210> 2550
 <211> 724
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(724)
 <223> n = A,T,C or G

<400> 2550
 ggnagnnnnn nngggnnttt cnacgtgaan nccttggttct ttttgnagga tcccatcgat 60
 tcgcacagat ccaggaaaaa tcaaacgtat tagaggaatg gcgtactctg tacgtgtgtc 120
 acctcagatg gcgaaccgga ttgtggattc tgcaaggagc atcctcaaca agttcatacc 180
 tgatatctat atttacacag atnacatgaa aggagtcaac tctgggaagt cnnngggctt 240
 tgggttgctca ctggttgctg agaccaccan tggcaccttc tcagngctga actgnggctt 300
 caacccccag gcccagggan cancagtact tncanangac cttgncntga actgtgcccg 360
 gctgctgntg gatgaaatct acaggggtgg atgcgttnac tnnaccancc aangcctggc 420
 gctactactc atgacccttg nacagacgat gtntacaaag tctgctagg ccctntntct 480
 cctacacgat agaattttgc ggcatttgaa gagctnttnc cacattatgt ttaaaattga 540
 aaccaagcca tgtngtgaan aactcaaggt ggggataaaa gtgctgatga ccctgtgtgg 600
 cattggnctc tncaacctta gcaagaccct caaagtgata accatnacao agataaggnc 660
 ccattgccta cngacaaagc aanagcttgc canggnccca atggggacca agtncaattg 720
 gttt 724

<210> 2551
 <211> 721
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(721)
 <223> n = A,T,C or G

```

<400> 2551
tatatatata gctcttgttc tttttgcagg atcccatcga ttcgaattcg gcacgagctg      60
ggtctcaggc ctttgaactc aaactggaac tacatcactg gcgctcctgg tctccagctt      120
gctgactgca gaccttgaaa cttctcgggc tccattaacc tcttttatat atagagagag      180
atacatacac acacacacac acaaacatac acacacacac acattgggtg tatatctgga      240
gaatcctgat taatataccc gataaattca aaacaaaaca aaacttgaaa aaaaaatttt      300
tcagggtgaat atttgttttt tagcatctga gtttcagtcc aaacagggaa ggaaagagag      360
gaagtgtcctt caaaaaatat agacaccccc caaaaatata ttaaatcaat aataatttag      420
atccaagatg ttattgatgg ttggagtata gaccactacc catacaaaaa gcaactgtagg      480
aaatggagtt cttcagagag tagaattgtg gttccaangg ctaggcagga aggcagattg      540
ggaagatgtg gcaaaggatt caaaatttca gttagagang agttaagtgt gaagagctct      600
attataccaa aatggtggac ctatgggtta ataaccaatg ganttaatat ncctcgaaat      660
attgcttgaa aagtaggttt tnaagtattc ttggccccaa antaaaaaaa aactggggtc      720
t                                                                                   721

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```

<210> 2552
<211> 781
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(781)
<223> n = A,T,C or G

```

```

<400> 2552
agngttttta naccgcctct tggtcttttt gcaggatccc tcgattcgaa ttcggcacga      60
gaaacaatat aactcaaatg cctttctaca ggactacaaa ctgtctgtat caggttatgg      120
ggttaaatca taatttctgg atcatgatct taaaccttta attgggtcca tttctacttt      180
actctttact aacaagtatc ctgatggcct gaaaatccat gttgaaattt gaagtttgaa      240
ttttccagat caaatatgaa atttattttc attttttaaa gtacaaaata tcagttgtat      300
aatcatggta aaacataaaa ttttgctata aaagattttt aaaggctatt tgattaaaca      360
tttatttact taaactcttt gctagaattt tttttagaat tcagcatcgg aggaggaatg      420
tgacataata atgatcgaaa gccgaaagt taaaagttgt gatgccctca catgggttga      480
gggttattct agcttctaen ggactgaatg ttgtccacaa gaagtgtcat cagggtcata      540
aattggtaag gacttaaatg gcttaagaat tttatggat tatacctgaa ggttattggn      600
atttgaggaa tgaaatatat aatggaacca aaaatggagn ccccatattg gggttaagaa      660
gttttaggta ntttaaaatt ttttaggttt aaaaaccttn gggaaatttt tnaaaatacc      720
tttggaagt tattgttaaa gccctttttc gaaaagtcct cntttgnang gccttgaaaa      780
g                                                                                   781

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```

<210> 2553
<211> 755
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(755)
<223> n = A,T,C or G

```

```

<400> 2553
gtngnggntt aatancagct cttgttggtg gggaggatcc cttgattcgn attcggcacg      60
aggattttcg aaactcttca gctacttgcc cttttttatc tgaaccatc ataccttctg      120
aaagaaaaaa gcatatcttc attgacataa cagaagtggag atggcccagc cttgatacag      180
atggtaccat gatatatatg gagagtggca ttgtgaagat aacatcttta gatggtcag      240
catacctctg cctgcccaga tctcagcatg aatttacagt acattttttg tgtaaagtta      300
gccagaagtc agactcatct gcagngttgt cagaaacaaa taatanagcc ccaaaagata      360
aactagttga aaaaactggc aaaatctgta tacgtggaaa ttaccagga cagagactga      420
agaataaaga aaatgagttt cattgccaga tcatgaaatc caaagaaact ttaagaaga      480

```

tgagttgtgt	aaatggaact	gaagggaggg	aagagctgcc	ttcgcttggg	acaaagcaca	540
catgtgtata	cacatgggtc	aancagtgtc	ggnctgtggc	tgctgtcca	gaggaatgga	600
aatatccttt	ggctttagca	cttcattttt	taataaaaatc	ancantatgt	cttnaaaaaa	660
naatttaaaa	naaaaaactn	ancctntana	actttangtg	ngtcgtttta	cntanatnca	720
ccttgataag	accattgatg	agtttggaca	acccn			755

<210> 2554
 <211> 749
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(749)
 <223> n = A,T,C or G

<400> 2554						
nnngngnttn	anancagctc	ttgttggtn	ggcggatccc	tcgattcgct	catttgtttc	60
attcacattc	ctcacgtgca	acaacataat	tatatattta	gaaaatgtaa	ctttgttaca	120
tcaaaaatag	ttgtctagta	aaaagtgtat	attcagtaga	acaaggatca	tgtaaataaa	180
catctatttc	acatgtaccc	aaaagcattt	aaaaagcaga	atccaggggc	cagagcatga	240
gccaggagg	aggatgtttt	tcttcttttc	tctatttttc	cctaaattgt	gcaaacatag	300
gtgagtctct	taacctttct	gtgcctcagt	ttttctacct	ctaaaggggt	gggatgggtc	360
ttcaaatgt	ttctaaaaca	ccggcacttt	cagcagtgtt	ctggtggcct	gagatgagag	420
caccgtgttc	agaagtgcct	gggagtggca	cagtggaaac	tccgcttgca	cggaccatgg	480
agtctgctca	ggaccatgct	gtaggacaca	cagcctcatg	cgctgagaaa	gcaaagggaag	540
tgctgggtgt	aaagtgtgca	tgattccatg	aagctttagt	tttctttttt	ttggtttaaa	600
agaaagggtt	ttatatgttc	tattgtaaaa	tatggaaatt	aaacaggggc	ttcagaaagc	660
cgacagaaag	atcaccttct	gatgggtgtg	tgtgctcctg	acattcnggc	cgaggctgta	720
ttctgaaaaa	gattaatggn	ctgtgaaan				749

<210> 2555
 <211> 750
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(750)
 <223> n = A,T,C or G

<400> 2555						
gnagagggtt	nttcnntan	nctgctggtg	gncangatcc	cattganncg	ctttgccatt	60
gtggctgtgc	gagctcagcc	tcctggaaac	ccgccctgag	cttggttaac	agcattcact	120
ccaggtttag	cccagctcca	ggttatcgca	ggcaggactc	ccgagaacag	gttcatgttt	180
gctttttggg	agggtgctgc	ctaaagtgga	aaaccaccct	gggccgagtg	ggacctcccc	240
agctgggcgg	ctgttaacca	gccaggatgt	ctgaccctga	gaagtcaccg	tgactcttg	300
ggactcattc	ttctcatcag	caggatgggg	tgatggagcg	ggccttactg	ggtgctgggg	360
atgatataaa	gaggtggcgt	gtgcatgtgt	gtgtgtctgt	gtgtgggcga	acatgttttg	420
taagtgatag	gctctgcaca	cgtgcacggc	accatcatgg	ttccctccct	gcagcacttg	480
gcacgcagtg	ggggctcaaa	gcacaggccg	actgatggcc	tggggttgca	gccctgctcc	540
gtgtgtccct	gggcacttgc	ttactgacca	ccccacaggt	gaacacgggc	aggtgggtgt	600
ttggaggtgt	gaggctgaag	aaggtctgga	tcttgcaant	cttgcncttg	gatagttatg	660
gggtctggaa	ggggctttta	ttgcgcctgg	tgctttctgc	taaggccaaa	tttgggcttg	720
cctgaccttn	gggttttggg	gccctcttan				750

<210> 2556
 <211> 747
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(747)
 <223> n = A,T,C or G

<400> 2556
 ntctatagca gctcttggtc tttttgcagg atccctcgat tcgaattcgg cacgaggcca 60
 cggcgctcgg cctgaatttt ttttaatact taatttagat caataacttc gactgggtact 120
 gaaatttgca ctacttttca gcttacagtt tgggtaggac tgctagacct agttcttttg 180
 tcatctcatt cttagagagc tcttgaaaac caaagtattt aaaaccctgc aagtttctgt 240
 gcagatgagt gcaaatttcc acccagcatt gggtcctgag taattagagg aaggaagcca 300
 tgcaaaagct gctattgccc aggtccaga aaaacatcat gtaaggtttg attccatact 360
 aattgttcaa agtgtaaaag aaagctgact gtggcagttt ttacctcctt ttcttttttt 420
 tccttttaaa aataatccag agacattaag cccaacagtt tctctttgct tttttccctc 480
 tctagcacat tttcttgatg agtctaaggt gtgacctcta ctgaaatggc tcccaccac 540
 cttctnctat ggaagtggat ccccgagccc atctncttgg acctcgtggc tgtgtttaga 600
 aaattagcat cagcctaagc caggggcatc agcatggagc cccctggtca ttgggtgatt 660
 gccacctnt ntctggtgga agcccgacta gggantggtg ggangtcaac ctaaagttaa 720
 ngcaacctga tgaatggtta ttgactn 747

<210> 2557
 <211> 751
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(751)
 <223> n = A,T,C or G

<400> 2557
 gngnnnnnnn nnnttnnnag nnnnnnnnnn gnnnnnnnnn nngnnnnnnn nnnnnnnnnn 60
 ntttttnnat acagctattg ttctttttgc ngatcccatc gattcggcca catcgggggc 120
 accaccctcc atgcctttgc aggcacgcgc tcaggccagg ctctcttagc ccagtgtgtg 180
 gccctggccc aaaggccaagg cgtgcggcag ggctggctga actgccagcg gttggtcatt 240
 gacgagatct caatggtgga ggcagacctg tttgccagt ggcaggccta tgtggccctt 300
 tctcggggcc gcagcctgca gggcctacgt gtgctggact ttgaccccat ggcgggttcgc 360
 tgtgaccccc gtgtgctgca cttctatgcc accctgcggc ggggcaggag cctcagtctg 420
 gagtccccag atgatgatga ggcagcctca gaccaggaga acatggacct aatcctctga 480
 gcctcaccca caaagaggag acaaagggtg gcctgtggcc tncccgctctn ctgctcctag 540
 tggcccaagg ccccgaggaa taactggagt aggcaggcaa gtgtccctt ctgnattttt 600
 tanggactct aaccttctgc aggggttaaan ggagagtact ttaaaccat atccactgtg 660
 cttnatttct ctnccttgcc tggtaactgc tgtagggtag aagtacctt ctgtgccagt 720
 ganaatgacc tgtgtggtac tgatgtaaaa n 751

<210> 2558
 <211> 751
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(751)
 <223> n = A,T,C or G

<400> 2558
 gnnnnnnnt ttnnaagacc nnnnnngnng nnttnagnnn nnntnnnnnn cnntggctct 60
 ggttcttttt gcaggatccc atcgattcgg gaaaattgta attctgaagt ctgggtgaac 120
 ctagcttgca cctacttctt tcttgggatg tataaacaag ctgaagcagc tggatttaaa 180
 gcttcaaaaa gccgactcca aaaccgcctc ctcttccact tggctcacia gtttaatgat 240
 gagaaaaaat tgatgagctt tcatcaaaat cttcaggatg tcacagaaga tcaactcagt 300

ttggctcaat	ccactatatg	cgatctcact	accaagaagc	tatagatata	tataagcgaa	360
tactgctaga	taacagggaa	taccttgccc	ttaatgttta	tgtggccctc	tgctactaca	420
agttggatta	ctatgatgtg	tctcaagaag	ttttggctgt	ttaccttcag	caaattcctg	480
atagtacat	cgcactcaat	cttaaagcct	gtaaccattt	tcgcctttac	aatggcagag	540
canctgaggt	attgatggaa	gtgtgttttt	aatgtacttc	attccaattt	gaattacttt	600
atctttccaa	gttattcatg	aaactctggt	atctgtactc	ttgatnatat	ccctttatca	660
ttgncactgn	gatctataag	acctaattat	atgttatcag	gtattctnaa	aagaatgttg	720
acttctgaat	taaaaaaaaa	aaaaaaaaana	a			751

<210> 2559
 <211> 765
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(765)
 <223> n = A,T,C or G

<400> 2559						60
gnagnnnnnn	nnnnggnagn	nnnnnnnnng	nnngnnnnnn	nagagnnnnt	tnnnnnccnt	
ttgtaannnn	acagctactt	gttctttttg	caggatccca	tcgattcggg	gattttacttt	120
ctcattcaaa	atacatattg	gatattgtat	ctaattttgt	attggtaatt	ttgggttatg	180
aaaccccaga	tttgaagccc	caaattgtat	agggttcaat	gcccataaaa	cccagatctg	240
cccttgctta	gaggccggcc	cctctaggag	acagcatgtg	gggccacca	gagatgcagg	300
actcttctgt	tctgccctat	cgcagcagag	aggccatccc	tggagctgga	aggtgcagac	360
tgggaattgc	tccttctctg	aattgctagc	tcctgcta	gcctgcattg	ctgctgcaaa	420
ggatattcag	aaaaagttgc	tcgtcagaaa	agaattcat	gctagctctg	gccctgctgc	480
tgatgcattg	tgtgaaaccc	ttgagtact	tcacctctg	gaactcagtt	ttcccatttg	540
taaagtata	tcaatacttc	cgggtgtggc	tcangtttgg	gccctgtgaa	ttgtaaagct	600
ctatgccatg	ggaggatgta	tgattataag	ttgngttgct	attacttgna	ttgctaaaat	660
cttgctatta	ttgaaaaatg	cccaaaccct	acatttcagt	gactaaagag	caaaaccagt	720
gttcactctg	acatagnttt	tttaaatttt	cattcattca	ctcat		765

<210> 2560
 <211> 763
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(763)
 <223> n = A,T,C or G

<400> 2560						60
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ncnaatgcna	ggctcttggt	ctttttgcag	gntcccatcg	attcgaattc	ggcacgaggt	120
agagacgggg	tttcaccatg	ttggccagga	tggtctcaat	ctcttgacct	cgtgatctgc	180
ctgccttgcc	ctcccaaagt	gctgggatta	caggtgtgag	ccaccacgcc	tggccggctt	240
atTTTTatcc	acagtaaate	ttcagcaact	cattgtctcc	accagatagt	atttttctgt	300
aaatgaaatg	ctgacttcgc	ctcttctctg	tgtatgctca	tccctgcact	gagcacagat	360
atgacaagca	gtagccatgg	gggangtggg	tgacaaagat	aggaccccg	gagggggcgc	420
aggtagcatg	tagtttcaat	taccacagta	ttctagagac	nggttgcaat	gacaaggggg	480
gcaaatgaaa	tcaatgcaag	atTTcttaat	aatgggcaga	cagaaaaatg	taaaaccaca	540
caaaacggac	tgctgataat	atTTtaaaat	atacttattt	gncttctttt	tgattgtgta	600
aaaaacaaaa	taaattttgt	gtgataatTT	tgatgatgaa	aggtggaaaag	ttctacctan	660
atTTgaatga	ntgttttttt	aanggggaatg	aaaatgtcat	ggtgctnaac	cttgccaatt	720
agaagaatca	ttgaaaatgc	tgaaaaatTT	nacagtcttn	tta		763

<210> 2561
 <211> 706

<212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(706)
 <223> n = A,T,C or G

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<400> 2561
tatatatata agctacttgt tcttttttgc ggateccatc gattcgctcc agcctggggc      60
gacagagcaa gactctgtct caaatagata aataaataaa aatacaaaaa aaagaaactc      120
aaggtacagt ggtgggagtc aaaaaagcat aaggggagaaa accaagactg aaaactgtta      180
ttgagcttag tctgtgccta gttcagtcct tagcatttta caagttttct ctgagttaac      240
aaacttgtgg gggaaactga ggctttcaga tgttgaataa cttgtgtaag ttgtagagca      300
ggttcttttc catagtcccg cattttttac ctgcaatata gcaatgcggt tgcccaggcc      360
cctcccagga gagttgcagc ttccccggag gccacacttc ttcaaacact ttgcctaaa      420
ggctcttttt ccctaaaggc tcaactcatc ccttgcaaaa taccctaaagc caaatgagtc      480
taganggtaa accagccatg taggatgtgg acctttacaa ctgaaggaaa ctgaggtatt      540
tcaatatgat gaaatactct gtagtcatta aaatgataga tgtgaatgtg tagaaatatg      600
aaaaagtgtt gggaaaaagt tgcacatata tgaagaaacc aattgaaagc aatgggcatt      660
tattaattta ttttggttnt ggtttttttt tgagaacaag cccnct                          706
```

<210> 2562
 <211> 749
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(749)
 <223> n = A,T,C or G

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<400> 2562
gnaagnnnnn nnnngnnnng nnnnnnagag gnnnttgaaa ncnnttgana atgcnaggct      60
acttgttctt tttgcaggat cccatcgatt cgctgaataa caacctact actaccctc      120
aacctcacc ccccccagg aaaagtaagt ctttttctaa cgatccacca gattaggggt      180
acatttaaca gtaactagaa aggttaattn taaccttaat cagaaagatt aatttctgtc      240
ctttcagtc tctttctgtg ctcataaata agcattgntt cttttaatca acctgggcag      300
tatctttctc attttaacag ttgtctagag ctgagttgtc ccagcattta ttctactggt      360
ccctgatgga tggagggtgg tgttgcttca gtgtttgggc agtgcagacg atgttgagat      420
tcacattcgg tctcgtctct ttgttggtat aggataagtt ctcaaagggt ggattcctag      480
atccaaggct tctgacacac aactgctga ttgaacctca gtggcagtg ttgagtgac      540
ctgttcctca ctccatttc acctttattc acatgttgat tcaactagca tttaatgagt      600
gcctattatg tgccaggcct tccttcagtg ctggggccct tcancaatca aggcagataa      660
agattgctgt tgtgagccat gtgtggtagt gtgcacctgt agtcttagct acttgggaag      720
ctgaagtggg aggattgcgt gatccccgg                          749
```

<210> 2563
 <211> 701
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(701)
 <223> n = A,T,C or G

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<400> 2563
aaatngctag gctacttggt ctttttgcag gatcccatcg attcgaattc ggcacgagg      60
ggccatagcc tctattcctg cccagctgtg gatcctcagc ttgccatggt aggtacactg      120
gaccagcttg tggagccata gcccaggagc tcagggacat tgagtgcagg tttcttactc      180
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ctacctgctg	gccctgtggc	tgtccctggt	ggccagccca	gctgcagcaa	aacctacaaa	240
gcctccagcc	atggtaggcg	tcttggacct	gccccagtc	gctggggctt	gggctgctag	300
gggttttggc	acacgtccat	gtttggcgga	gggtgtgcct	tcaaaccctg	aagggcctaa	360
tttcaccatt	ctttctggct	gcccgaaggga	acttccttgc	ttttctccct	tgctgttggc	420
tggataaaac	tggcaatcag	aaagtcaaga	gctacagctg	atggtcacgg	tggtcccaga	480
gagtcaggaa	tatccatgga	agctgagcag	atgcctctgt	gctctcccat	ctcagctctt	540
tgattctgag	accatcatcc	gctcattgac	ctttgatcac	aaaactttga	acttctgaat	600
tctgctccaa	atccctngct	ccttttttnc	ctatccctgt	gccaaccagg	aagtttcttc	660
tatttncang	cctcctggca	naagcaggct	tccggtgtgt	t		701

<210> 2564

<211> 697

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(697)

<223> n = A,T,C or G

<400> 2564

aaatagctag	ctcttgttct	ttttgcagga	tccctcgatt	cgaattcggc	acgagattaa	60
attcattagt	gtgaaagagg	tgggagttag	gttttctggc	ctgaagcagt	ctgcactgaa	120
aggtacccaa	gtggcctgaa	acagtgtagg	gaaagacctg	ggaaacactg	gaccaaââââ	180
gcctgatctc	atggagacct	gcatggccct	gttagagatg	gcgtagaagt	gaaagtctta	240
aaggagcat	tagagatcct	tttaatacac	gactgagtgc	cagcttattt	gtgatgcccc	300
ttcccagacc	aggttaggat	tccctgggaag	gcccgcggat	tccggccctg	gaagaggcag	360
gatectggag	cagttttgtg	aggcttttgt	gtccccatac	gcccccttgt	ggtgagtgt	420
aagaagactt	tgcctctcac	aactacatgt	atgtgtggca	tttttgtag	agatgagaaa	480
aggattgaga	aggataaact	ggaatcctgg	taagaacctt	tatgccaccc	gacacctgct	540
gtaattgggg	tgcatgagct	atggagttag	atagttgttg	gganggggan	gacaagaagt	600
ctattgtttg	gactgtgttt	gtcacaaatc	accacaaaat	aaaatgtnga	aaatgaaaaa	660
aaaaannnaa	aaaaaaact	cgagccttta	aactttt			697

<210> 2565

<211> 757

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(757)

<223> n = A,T,C or G

<400> 2565

gnnnnnnnnn	nnnngagnna	ntcnannnnn	nttttatnna	tacangctac	ttgttctttt	60
tgcaggatcc	catcgattcg	aattcggcac	gagctcattt	tattttgcat	atattaaatt	120
gagtaggttc	agctctaaca	taccttaaga	aaaatgcata	tccgtgcact	gtatgtattt	180
caaaatgcct	ttcctatgat	tgctcatgtc	tcccttaagg	cttttccctc	aaatttatta	240
caaatttagt	attttttagt	cttgatgact	ctaattacat	gaatgcacct	ggaatgacat	300
ttgtaacaga	agacagtctg	acttgctttc	agtattcaca	agttctttcc	agtttccaag	360
tcttttcta	gcagtaattt	aggggagaca	gaggagtttc	atgtaaagag	catgcagttt	420
ggagtcagaa	cctgggtatg	actctgtggc	cttgatgaag	caagttactt	aaactcttga	480
gttttagctt	tctcctttac	aatgcatgaa	tgctatccc	cctacaaaac	aaagattaaa	540
tgtgatgatg	tatgccaagg	ggctttgnat	attgtaaaag	tgctatataa	ttattaagat	600
ggtctaaatt	ttcaagggat	ctaaaaccan	gggattggca	aaccgttttt	ncaggggagt	660
aatatttttt	aacgcttttg	catatattaa	attaatggaa	ggtggttgaa	aagggattng	720
antnngacca	ctttgaaagt	acctcangga	taggggc			757

<210> 2566

<211> 751

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(751)
<223> n = A,T,C or G

<400> 2566
gnnnaggttn tagancagct cttgttcntt gngcaggatc cctcgattcg aattcggcac 60
gagagtgtca gttttcctaa tctcagtcga ggtaggaatt aagaaatata tcaagtgttg 120
atgctatcca agcatgttgg ggtggaaggg aattggtgcc cagaaaatgg gactggagtg 180
aggaatatct tttcttttga gagtaccccc agttttatttc tactgtgctt tattgctact 240
gttcttttatt gtgaatgttg taacatttta aaaatgtttt gccatagctt tttaggactt 300
ggtgtttaaag gagccagtgg tctctctggg tgggtactat aatgagttat tgtgaccac 360
agctgtgtgg gaccacatca cttgttaata acacaacctt taaagtaacc catcttccag 420
gggggttcct tcatgttgcc actccttttt aaggacaaac tcaggcaagg agcatgtttt 480
tttgntattt acaaaatcta gcagactgtg ggtatccata ttttaattgt cgggtgacac 540
atgttcttgg taactaaact caaatatgtc ttttctcata tatgttgctg atggttttaa 600
taaagtcaaa agttctcctg ttaaaaaaaa aaaaaaaaaa actcgancct ntanactata 660
gtgagtcntt attacgtaga tccagacatg atnagatcat tgatgaattt ggaccaaccc 720
aactagaatg cagtgaaaaa aatgcttttn t 751

<210> 2567
<211> 756
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(756)
<223> n = A,T,C or G

<400> 2567
gngnngnnnn nnnnnnngnn agnnnnnnnn nngnnngnnn nnnagngnnn nnnnnnnnnn 60
nttttnanna tacagctctt gttctttttg caggatccca tcgattcgaa ttcggcacga 120
gggtagaaga agaaatgatt acgaaaatcc tggataagcc agctcccttt caaggggatc 180
agtgtcctca gtccccacc cccacctaaa aagcaggtcc cattcagccc agccagctca 240
tccctgcagt tccatccagg acctacaggt gtcgcctccc gcatggcgag gcccggaagg 300
gcagctggct gcaggaggca gaggagtctg gaccgctaac ctgagcatgt ggaataata 360
tatgtcttca agtgaactgt ctggtcctgg agaaataaaa taggacattc ataagcagtt 420
caccatctgt ctttatacca tcatcatcaa cagcaagang aaaaatagct ctttaaatg 480
gatgaaagcc caagctgcag taaccggaaa actgtgagct ctgaatacca ataaaggtag 540
agaaatgatt aaaaaacaga gatgcaaact gaaaatttgt ctggacagct cangccacg 600
atgctttgca ggcanggtgt gtttatttgt tccgaaagca taaagcaagc tgnttaccac 660
gagccagcct ggggaaggct tggctcctcg ncctggaaca cgtnggaacc agggcaaat 720
ancttccgct ttgaacaaaa tctggtccca ccttac 756

<210> 2568
<211> 740
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(740)
<223> n = A,T,C or G

<400> 2568
ggngngnnnn nnnnnnnntn ttntananac angctacttg ttctttttgc aggatcccat 60
cgattcgcca ggtctctcca ctgtcaagtt actattattc cctttataat ttgcagttta 120

agatgaaatg	cactagtttt	agtgcctcat	ctgtaaaact	acttttttat	gtgaatttat	180
tttttaaaaa	atgtctgtca	ctaaagagaa	aatcatcatc	gcttggcatg	gataaaaaca	240
ctaactgcc	aagtcattaa	cttttggcca	aataccaaag	ccagctaaag	tcacagggcc	300
ttggcctgta	ttctttgtta	aaaagagatt	aacaactgtc	gggtgataaa	cataagatat	360
accagacca	aactgaactt	tctcctctaa	ataatcataa	ggattgacca	aaaactgaaa	420
agcaaatg	ttgctcacta	tatgtgattc	cttggtactt	agggtcacct	ccgtataccc	480
tctaaaattg	ttacttacat	gctttgcagt	tggacataatt	ttggtttaaa	tcccagctcc	540
accaacacct	cagacttcat	ctcctaagcc	tcggtttcc	tctctgtaaa	acagggataa	600
tagtagcacc	tgccctaaggg	cttgtgcaaa	ttagattggg	atagtgaatg	atgtatagtt	660
ggtgcttgct	taatgaatga	cgtggtcagt	gtcaatggcg	tgtcagaccc	tgaaggggct	720
ctagcccagg	aagccttccc					740

<210> 2569
 <211> 738
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(738)
 <223> n = A,T,C or G

<400> 2569						
gnnnngnnnn	nnnnntnntn	ntgncgttct	aatgctngct	actcgttctt	tttgcaggat	60
cccacgatt	cgaattcggc	acgagattac	aggtgtggcg	tgagccaccg	tgcccggcca	120
agctcctggc	cttcttattc	acttgacagt	tttgagaatc	tttgatttca	gggatgttga	180
gagctgctcc	tgtcatctgg	agttgagtct	cacccatggg	ctacagtgtg	cacaggagtg	240
ggaccttctg	ttcttgaact	taggctgtgg	tgtgatcacc	cttttctctg	catccacctg	300
acaggctggg	acttgggcta	tgtcttgac	aaggctggct	ggtgcaatga	tgccctctag	360
aggatggatc	aggcccgatc	accacctcag	attcagtgcc	tgtctgtcct	cctctttcca	420
cttggccctg	gtgacagaca	gatagaggcc	cagctgacgt	gtctatcgga	acgactttat	480
ttcagtacac	tgggcccccac	caggcaatgt	ggtttgtgcg	agctgtgcga	gggacangct	540
tgggctaaga	gaagggaggt	gaagttgnt	aaacgcactg	cantccgcgg	gcgctacgtt	600
gctttcacac	atacctgctt	cttgtggccc	acacctggca	ngggcctttg	gcataggacg	660
gcntggggga	naatcttgtg	tgaagtctgg	gattgggggtg	gggtcttgggt	gtncagggtga	720
nggtgccgggt	gaaaaaac					738

<210> 2570
 <211> 733
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(733)
 <223> n = A,T,C or G

<400> 2570						
ngaaancagc	tttgtncatt	tgcaggatcc	ctcgattcga	attcggcacg	agcccagagg	60
ccaccaatgg	caatagtagc	cgaagcgtac	ctgtagttca	gcttttgaca	tgtgtgtaaa	120
acatgtccat	taacatgtgc	ttaatctggt	ctgtgaaagt	attttcagaa	atgataaaaa	180
gtaatgatgg	ttacatctga	atataagtta	gatcatgaca	ctcactcctt	ttttcagaaa	240
ctaccagtgg	catcacatct	tactcagagt	aaaaaccaca	gtgggcttac	tgtgggctgc	300
aaggcctcgt	aggatttgcc	ccccatgact	ttctgacttc	atctcttgct	acacatctcc	360
ttattcgctc	cacgcgaagc	acagtggctt	tttactgat	tcttaacat	gccagggtaca	420
ctggcctcag	agcctttgca	ctggcttttc	caggcactgg	cttttcactc	tgccctggaaa	480
gctctttcgc	cagatatttg	catggctagc	tccctcacat	tctcctgggtg	tttactcaaa	540
agtcatgtgc	tcagtggagg	cttgtatcac	caccctaact	aaaattatac	ccattttattc	600
cttgncttac	atcttctctg	ttatttggtc	ttagcattca	ccattttctt	atgtgcaacg	660
tgtttgtgat	ggttatatca	tttatttctg	nctttccaat	tgggaatgta	agcatcagga	720
atcagatttt	gcc					733

<210> 2571
 <211> 745
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(745)
 <223> n = A,T,C or G

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<400> 2571
ggngatagca ggctcttgtn ctttcngcan gatccatcga ttcgaattcg gcacgagact      60
ccatctcaaa gaagaagaaa gaaaatgaaa aatggntgag aaaagttaag taacgtntctg      120
aggctggagg ggccccgctc ctccctcacct tggggagaa gacagcgtga ggctagcctg      180
ccctacactg ggtggccccct tcccctggcc tgaagttgca gcacctgcag gctaaaccag      240
cacatgcatg agggctgctg ggccggggct tngggagcag ccgatgcttc taaaaccctg      300
ctctgggtgg actctagggg tgcagtttgg gtctgtgtct ggggctggca gacaagccca      360
cgtgcccacc tctgcagaat gagaagtaag ggtgggcacc aggccctgcc cctcacgttc      420
tgctctttct ctaagaactg cagaaccttg gcaagccctt tgcctctgcy tggggtgcc      480
gtgtgccccct catgaggata agcccttcgc ccctgcgtgg ggtgcctgtg tgcccctcat      540
gaggataagc nctttgnccc tgcgtggggt gcccgtgtgc ccctcatgag gataagccct      600
tcgcntgcyg tggaatgcct gtgtccccct catgangata anccctttgg ctttgggtgg      660
antgcctgtg tgcccctatg angataaacc cttttgcctt ctgcntggaa tgnctgtgtg      720
ccccttnggt taagccccaa tgnaa                                           745

```

<210> 2572
 <211> 733
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(733)
 <223> n = A,T,C or G

```

<400> 2572
gtgnnannca gctctngtnt gttnngcgacn cgatcgattc gctcagctga aaattctttt      60
ccctatctag ttttgtaag gaattcaaca catgccagtt aagctgtcag aaatgaaata      120
atctacctcg aggctgtatt ttaacagatt attatatcga aagaaaaaaa tgaatgttta      180
taaaataaca tttctttttt tttttttttg agacagggtc tcaattggct cactgcagtc      240
ttgacctcca ggctcaagtg atcctccac ctcagccttc cgagtagctg ggactacaag      300
tgtgccacca tgcctagcta atgtttgtaa tttttttttt ttttttttgt aaagatgtgg      360
ggttttgcca cgttgccag gctggtctca aactcctggg ctcaagctat ctgcctgcct      420
tggtctccca aaatacttct gtaaagttaa gaaaagggga ataataagat aatagagacc      480
tctgatgatt ctcatctt gnttttgnaa taagatctta aaaaagaatg tgtggcaaac      540
aaagggaaat accagttcta ctaaataaat gtctgtcttc cctgaactct nccatctttt      600
aaacatgaat ctggattttc tgnanggtc tcttncctta tccaccact taaaaaaaaa      660
aaaaaaactc gagcctntaa actatgggga gtcgnttacg tgatcngaca tgataagatc      720
nttgatgagt tcg                                                         733

```

<210> 2573
 <211> 719
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(719)
 <223> n = A,T,C or G

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<400> 2573
ttcnaatagc nagctcttgt tctttttgca ggatccctcg attcgaattc ggcacgagag      60
agggttggtg aaaattcaga cagaatgtaa cttgacaaag agaagacagc aacaactgta      120
acaattatct tatgaatatt tgcgaactca aagggatctg attggtgacc tctgggcttt      180
atcaaatata catcacaact tctagaagaa agtcaacctt catcttttac aatagaaatc      240
atatgttttg ctaaccattt cctatttagg ctgaaaacaa ttaagagtta tgggtactta      300
aaaaaatcat tatgtttata aaattagtga tagaaggagc atagtgttca tacagtcaca      360
cacatacact tccttatttc ttttatttaa actttgagta acatagcagt ctatgttttg      420
gtcagttttc ccttttttgt aattacattc agtgggtttt gtaacttcat tattttattg      480
gaattaagtg atttagtcag tgggagtttt gtaaaactta agattttggg catttttccc      540
cctcctcctg gataaccagt taaccaata atggcttggc ccgatggaag ggtaaaatga      600
ggacagttat attttttaa tgctattact gncaccaaat cacacatata attttctaag      660
ataaggaaat tccaccattt tttcaagttg caaaaaagta ctctggcttg caggttata      719

```

<210> 2574

<211> 743

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(743)

<223> n = A,T,C or G

```

<400> 2574
gnngttaatc agctcttgtc tttttgcagg atccctcgat tcgaattcgg cacgaggctc      60
ctggcgtgaa gaagatcaag ttagacactc cagaggaaaa ttgcacggtg gagggaagaa      120
agaaggaaaa actatccaac tctggccaat attgaaagga agaagaagtt aaaacttgaa      180
aaggagaaga gaggagcagt attgacaaca acacaatatg gcaagatgaa ggggatgtcc      240
agacattcac aaatggcaaa gatcagaagt cctggcaaga atcacaaatg gaaaaacgac      300
aattctagac agagagcagt cactggatca ggcagtcact tgtgtgattt gaagctagaa      360
ggtccaccgg aggcaaatgc agatcctctt ggtgttttga taaacagtga ttctgagtct      420
gataaggagg agaaaccaca acattctgtg atacccaagg aagtgcacac agccctatgc      480
tcactaatga gtagctatgg cagtctttca gggtcagaga gtgagccaga agaaactccc      540
atcaagactg aagcagacgt tttggcagaa aaccaggttc ttgatagcag tgctcctaag      600
agtccaagtc aagatgttaa agcaactgtt agaaattttt cagaagccaa gagtgagaac      660
ccgaaagaaa agctttgaaa aaacaaaccc ttaagaggaa aaaagattat cccactatca      720
aacgttattc gaccagnaca cac                                     743

```

<210> 2575

<211> 731

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(731)

<223> n = A,T,C or G

```

<400> 2575
ggnnngnnnn nnnnnntttc aaatagnnag ctacttggtc tttttgcagg natcccatcg      60
attcgaattc ggcacgagca aaggtgatct caggaaaggt ctaagctagt ttacagtatg      120
cccatttcct gtgtaaacca ttttaatttaa atgactctgc ttgtctcact gttatgataa      180
atttgtgtgg tagatcgtag cctgttagct attactggaa gttttctgct tttattacag      240
gcctctcaaa taggtaggtt ttaacatttt attggacccc ctgccccttc ccaatttcaa      300
ctattaaatc cttaaatttg ttgttttggg tatgcagaag ttagttatca ggttatatgg      360
ttcccaatga gtgaggaaat tgggaaggtt ttgtgttttt tttgtcttgt taactagaaa      420
tgggttttgg agtttagctt aagggcccca acagcttggt tgagaagaca gctatggaac      480
ttgagctggt tacatgtttt ttaatactgc gagtgtatta ggaaaattgt acaagtcctt      540
ctcttgggtc ttaggactta agtgagttta aagagatgac aacatgtggt ttccccaggt      600
aagctttctt tgaggatttg nctttctttt aaaaaaggt gcttgggcac ggtgggctnac      660

```

acctataatc cccactttt gggaactgan gtgggaggat acttgancct anggagtcn	720
aaccagcctg g	731

<210> 2576
 <211> 745
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(745)
 <223> n = A,T,C or G

<400> 2576						
gnnnngttaga tcagctcttg ttctttttgc aggatccctc gattcgctga cctcctcctc	60					
agagaaagca ctggccaacc agttcctggc ccctggccgt gtgccaacca cagccagaga	120					
gcgagtgcc gccacaaaga cgggtgcatct gcagtcacgg gcgcggtaca ccagcgagat	180					
gcggagtggag ctactaggca cggactctgc aggtgagtc ccatgaacac aacaggactt	240					
gagggccagc tgactaggac aagacatgta tccttgctgc cccggggcct ccatgccgag	300					
actccatgcc ctgactccaa caggagcatc accaaactac acctggagga agagccagga	360					
cagaggaaat ggccccgaga ggaaacaaag ctaggcacag tggctcacac ctgtaatttc	420					
ggaggctgag gcaggtggat cacctgaggt caggagtttg agaccaacct ggccaacatg	480					
acaaaacat gtctctacta aaaatacaaa acttagccgg atgcagtgcc acgtgtctgt	540					
agtcccagct actcgggagg ctgaggcagg agaattgctt gaaccagga ggtggangtt	600					
gcaatgagct gagatcacac cactgcactt caaccgggg cgacagagca agactccgtc	660					
tcaaaaaaaa aaaagcnaaa aaaattacca ggcgttggtg accacacctg tagtccagca	720					
tacttgggan gctgangcag gaaga	745					

<210> 2577
 <211> 731
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(731)
 <223> n = A,T,C or G

<400> 2577						
gtgngggnnn nnnnnnnnttt naaatagana gctacttggt ctttttgag gatcccatcg	60					
attcgaattc ggcacgaggc agcagcagcc cgaggcctga ggagaggaga ccggcggcgg	120					
cgggcaatgc tggagaccct tcgcgagcgg ctgctgagcg tgcagcagga ttccacctcc	180					
gggtgaaga cttaagtga caagtcaaga gaagcaaaag tgaaaagcaa acccaggact	240					
gttccatttt tgccaaagta ctctgctgga ttagaattac ttagcaggta tgaggataca	300					
tgggctgcac ttacagaag agccaaagac tgtgcaagt ctggagagct ggtggatagc	360					
gangtggtca tgctttctgc gcaactggag aagaaaaaga caagcctcgt ggagctgcaa	420					
gagcagcttc agcagctncc agctttaatc gcagacttag aatccatgac agcaaactctg	480					
actcatttag aggcgagttt tgaggaggta gagaacaacc tgctgcatct ggaagactta	540					
tgtgggcagt gtgaattaga aagatgcaaa catatgcagt cccagcaact ggagaattca	600					
agaaaaataa gangaaggac ttgaaacctt caaagctgaa ctagatgcag agcacgcca	660					
gaagtcctgg aatggacaca cccacaaatg aactgaagga ccgcagaagt tttttgagga	720					
accttccacn g	731					

<210> 2578
 <211> 801
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(801)

<223> n = A,T,C or G

<400> 2578

gtgnggnnnn	nnnnnntttc	aaatagnnan	gctacttggt	ctttttgcag	gatcccatcg	60
attcgaattc	ggcacgagga	ggaaagcggg	gcgtgaggcg	ggcggccagg	gcacgacttt	120
gaagattatc	caatgagaat	tttatatgac	cttcattcag	aagttcagac	tctaaaggat	180
gatgttaata	ttcttcttga	taaagcaaga	ttggaaaatc	aagaagcatt	gatttcataa	240
aggcaacaaa	agtactaatg	gaaaaaaatt	caatggatat	tatgaaaata	agagagtatt	300
tccagaagta	tggatatagt	ccacgtgtca	agaaaaattc	agtacacgag	caagaagcca	360
ttaactctga	cccagagttg	tctaattgtg	aaaattttca	gaagactgat	gtgaaagatg	420
atctgtctga	tcctctgtgt	gcaagcagtt	gtatttctga	gaagtctcca	cgtagtccac	480
aactttcaga	ttttggactt	gagccggtca	tcgtatccca	agttctacca	aacccttcac	540
angcagtga	caacttttaa	gggaagagcc	cgtaattgta	acccacacctt	accaaaccâa	600
tcacttagtn	aaaagttcct	aaaaaacttc	caaaaatggt	gccacttaaa	aaatgggatt	660
gnatttttgg	aaatggtggt	aaacttnctt	aaaanttagg	aaccaccttt	tnnggnattc	720
ttctggnaat	tattncctaa	tgggggnttt	naaaatgga	agaantttcc	ccccaattgg	780
gggacctttn	aaaaaaatgc	c				801

<210> 2579

<211> 841

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(841)

<223> n = A,T,C or G

<400> 2579

ttnttantg	gggtnttcng	gctttcnaat	ngcttggtta	ctcgnnctct	nngcaggcat	60
cccatcgatt	cgcgccgggc	tgcccagcct	ggctctgtct	acactggcgc	agtctctggg	120
tctgtctaca	ctggccgagt	ctccgactgt	ctgtgctttc	acttacactc	ctcttgccac	180
ccnccatncc	tgttacttta	gacctcacc	ggctccggac	ccggtacggg	cagtctgngg	240
cancangaat	gaanggcgcn	ccgnnccctn	cttcatagga	ggctctgggt	gggggcctgc	300
tncccatacc	cacaagctca	cccagcantc	tcattgctgc	tgtnganttc	agctttacca	360
gcctcagtgt	ngangcttca	tncnagcnca	cangcctnng	gcttgncang	ggccnancgt	420
gggctnngcc	cctgggtntt	gaganactcg	ctggcaccac	agtgggcccc	tggaccccg	480
ccgnncanct	ggtngactgn	aggggcttnt	gactgngcac	aggngctncc	caacttttgt	540
tcnacnngca	ataaagaatg	ggcntgacct	tggtnattat	atacttgggn	ncntaanggn	600
ggctaaaggc	ccccccatta	aaatgcgcct	aaactttnaa	nggntttgna	nggnaantaa	660
antgcttgna	taatttaatn	ttaaaactnt	ggncnanngg	aanttnacct	cntnancgaa	720
taaaacctgg	gcaacnnaaa	nttanttgga	cccnnnataa	tttttgntaa	aaccccttt	780
ataaaacttn	gggatntctt	tttgggtaaa	nnnnanctgg	ccctnnggan	tcttaaaacc	840
g						841

<210> 2580

<211> 1191

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1191)

<223> n = A,T,C or G

<400> 2580

aggtggttnn	gangncattc	naatnganag	ctacttggtc	tttttgccag	atcccatcga	60
ttcgaattcg	gcacgaggac	ccaccctctc	caggcctcag	tcttatctct	gaaatggggg	120
gggtgttgag	aggtggcttc	taagatcttt	ctacttccca	aacttggaat	tctcttttta	180
ggagcatctg	cgtgcccaga	tgtatgttgg	agcccatggt	gtatgggggt	gggggtgggg	240
gaagggntnn	gtnnccnaat	ncactgtggc	cttnntcgn	ngtganatan	nnnttnannt	300

ntnnacntca	tctntntnnn	gtttgncn	tnnnanacnn	tcttnnnnt	nnnttattat	360
ggannnttct	ncanntntat	nttanatnna	cntnnnttca	tnnnnattnn	tnggnnattn	420
tccnnnnngnt	nnnanatnnn	tnaantncnt	angnntnctn	tntntntat	nnntgnantt	480
nananatnnn	nnmntntann	atnnntatnn	nnnttnnnnt	nnatntntng	gnmntnnnnn	540
annncnnttn	gnnnnnnnnt	nnnnntntn	nnnnnnnnn	ntnccnnnnn	ntnnnnnnnn	600
nnntnctgnn	tntntntaan	nnntntgtna	nnntnnnnna	nnntnngntn	nnnnnctnnn	660
nccnntnnng	ntnnanattn	ntntannnnn	angtcnntt	nnncnnanac	tntntnnnaa	720
ntgnntnnnn	cnaannaatt	nnnnntntcn	aanannngn	cnntattntn	ctannntatn	780
ngnnngntntt	ttannnnnnn	nnnnnnntat	tntattngt	ntnnttnt	ntatnnnnnn	840
ngntntatnt	ttncnctnn	ntgntctnat	ncttnnngna	ntnnnnnant	tnntatctna	900
tntgtcnntn	atntntatn	acactntna	tattnnngcn	nnntaannn	nnatatnnnn	960
taatgtncn	nnntnnctnc	atntttctta	nnntnnnnn	ntntntttt	ncntntatcn	1020
tnntgtcctn	ttncntann	ntnamntntn	nttaaannat	ntcntntnnn	ntnntntnnn	1080
antccnntnn	tnntnnntat	nnnnntnnna	ntnnntntt	nncactntnt	anantnactt	1140
ntnnannata	nnnnnnnact	annatnantn	gcncnnantn	tatatccnc	c	1191

<210> 2581

<211> 767

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(767)

<223> n = A,T,C or G

<400> 2581

gggnttanta	ncagctctng	tnggtggggc	aggatcccat	tgnnaatntc	agctacttgt	60
tctttttgca	ggatcccatc	gattcgaatt	cggcacgagt	gagacagagc	agccccagaa	120
cacacaccgg	ggagtacagg	agcctaggcc	acgtacccaa	cattgcaggc	agagaaaaaa	180
gaaagtgtat	tccatgtaag	caaagtgtat	ttggaccttt	ctctctgtct	gacctaatca	240
tggctcacag	aaagtaatca	tactccta	aatacatcaa	cttatctgat	ttatccacac	300
aatcacgtag	attaatgtat	gcttctattt	cctggctcgt	ttagcataat	attgatcata	360
aattgataaa	taggaataaa	acaatataat	tagattaatt	tacaatacgg	tatagttgac	420
taataacatt	ttcacgattt	acatactaag	aataaataca	tttttaataca	aatgtctccc	480
ctaggtggtg	cattccaggc	cttagaataa	aattaaagg	gaaatcaatg	aagacacatc	540
cactggtcac	actctcatct	tcaatgtttg	accagtggct	gaactgtttg	gagttgcaga	600
atggatattt	ctcttttata	gttttagggt	gcttggaat	tgctctttta	atgctcatgg	660
ttactcttat	tctggngggc	ctttaactca	ttaaagacag	ttttccattg	agaaaaaaa	720
nnnnnnnnnn	nnnnnnnnna	aaaaaaaaa	gncttttaga	actnttn		767

<210> 2582

<211> 753

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(753)

<223> n = A,T,C or G

<400> 2582

tggnggnttt	taaaanncag	gcncnngggn	nngannnttg	ntataganag	ctacttggtt	60
ctttntgcag	gatcccatcg	attcgaattc	ggcacgagg	gattacaggc	gtgagccacc	120
gcgcccagcc	tcatatcccc	catttcaaac	acgctgtaaa	caatgctcaa	ttactttcct	180
cttaagttga	aaccaccaat	tactggggaa	aggggcagtt	agattttatt	ggttgacttt	240
gtgtttttac	taatccttgt	tgaagtag	aggaattggt	ttagttgaga	aaacaaaata	300
ctaaaaaatc	tgccactaga	ctttttaagt	caagagtttg	tataaaatga	aacatatcta	360
ctatctaatac	tataaaattt	agaatctttt	taattctaaa	gttaacttaa	gtgtgatttt	420
tagtgctggt	gctgaggcca	gtgttgctta	aagcaggac	ttctacagta	attgacaaaa	480
cttgagtttt	tctgctctca	tttatccatc	cttcagaccc	ctcagatgtc	atctatttcc	540

tgaaatctga	cttctccagt	tttagtaatt	cttacaat	ttcaggattt	agatagtact	600
gtcagtttac	tgctatgtat	atgtcttta	tacttggtgn	tttcagatat	tacactaatg	660
nctcatctgt	agtataaatc	agactttctg	ncttctacca	gttacataat	ttatataatg	720
gtgcagtaca	tgtttggtga	ttactaggct	gga			753

<210> 2583
 <211> 803
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(803)
 <223> n = A,T,C or G

<400> 2583						
gggnttaanc	cntnnnnntn	nnagggggnn	nnnnnnnttn	tangantcag	ctcttggtct	60
ttttgcagga	cccatcgatt	cgaattcggc	acgagnaatg	cctctatgta	ggtgaagtgt	120
tctctctgca	tgcaacagta	aaaattaata	taatat	cccacaaaag	aaacacttaa	180
cagaggcaag	tgcaatttat	aaatttata	ctaaagggga	atcatgatta	taagtccttc	240
agcccttggc	tctaaattga	ggggattaaa	aagaatttaa	aataattttg	aacgaattta	300
ttttccctc	agtttttgag	ggcattaaaa	aggcattaaa	tcaagacaaa	tcatgtgctt	360
gagaaaaata	aaattaatga	aacacagcac	ttatgttgg	taactgcagc	ctccttgagg	420
gtagaattat	ttatttaaaa	ttactgggtg	atcaagaacc	catagggtgt	ccaaaaggct	480
tataaaatcg	cattttggag	ncaaagaggg	caggcaa	catgtcaca	gggtaaagct	540
tccaagttn	caaattgggg	aacgccaggg	gtgtagggat	ttaaaaaacc	ccactnttgg	600
agaaaaccaa	aatgtaata	gggggggctt	gaaaaacctt	gcatggggct	ttttaaaca	660
nttagccctt	tgngttaaca	aaaatttctt	ggngatttgg	cacgatcccc	taanngngc	720
ccattnggcc	cnaacaccaa	tttttggccc	cttatgggcn	ctttnaaaaa	ttttaatttn	780
aaaaatcccc	ctttttnccg	ggn				803

<210> 2584
 <211> 710
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(710)
 <223> n = A,T,C or G

<400> 2584						
tgggttnga	tcaanngtc	ttgttctttt	tgcaggatcc	catcgnttcg	aattcggcac	60
gaggcaacac	aaactgaatt	tccttattgc	tgatagctgc	ctgtagaggg	gtggtcaaag	120
agactctacc	tggaactc	ttacagaaaa	acattattga	ataccctctt	agtttcagag	180
tttcagctct	catttctcct	taaatctatt	cacaaaaaca	ccaccagttt	cccctaccac	240
aaacacacac	ataagtacac	actcacctat	tttcaccttc	tcttccactt	ccaccttgg	300
gttgaacctg	attaaactct	gatactttta	actccaaaat	atgctatgct	cttattaaca	360
actggatctt	agtagtttgc	aaatgtttat	ttctcgttta	tatgcagttc	attgtgagca	420
ggtggatggt	ctgctccata	cccactgcag	tccgagatct	agacagaaaa	gtagcttttc	480
tctagaatat	tgnggggtcc	ataccagaca	ggaaaaatga	aattacacag	tggcttatat	540
aatttttgc	tgacttttca	cccacatttc	attgcaaaag	caagtcacat	agccaaggtt	600
attgggttta	ngaggggtct	ctgaaaatgg	ccagtagggg	agacaaaggg	gatatttgtg	660
aacaatattg	caatctatcc	tatatgtcat	tctttaaggt	ttaacacagn		710

<210> 2585
 <211> 781
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(781)
 <223> n = A,T,C or G

<400> 2585
 agttangtcg natcnggttc tttttgcgga tccctcgatt cgaattcggc acgaggaaga 60
 agctgcagaa gaaatgaaga aagtgatgat gatttagatt ttgatattga tttagaagac 120
 acaggaggag accatcaaat gaattaatat cactgtatta aaagtctgcc gggcacagtg 180
 gctcacgcct gtaatcccaa cactttggga ggccaaggag ggtggatcac ctgaggtcag 240
 gaggttcgaga ccagcctggc caacatggcg gaaccccatc tccactaaaa gtacaaaaaa 300
 ttagctgggc gtggtggctc atgcctgtaa tcccagctac tcaggaggct gaggcaggag 360
 gattgcttga accctggagg cggagattga agtgagctga gttcgtgcc ttacactcca 420
 gcctgggtga cagagtgaaga ctctgtctca aaaaaataa aataaaaagt caatttagaa 480
 tgtgaaattc tgaccacctt ttggctttga gtattttcca aaagatattt gaaatcctaa 540
 tgaggaaatc agaaaaagct atggaaaaat agacaaattt cataccttga acaatataaa 600
 ttgngtatat taccttaaca tcaaaactaa accaaggatt caagaattga tggttggatt 660
 aaagaaccta gcntcatgtt aaaaattaaa attaaccttt aattaccntt gncctcaaaa 720
 aaaaaaannn nnnnnnnnaa aaaaccttng aagccaangg gccctttttg gaggcctttt 780
 t 781

<210> 2586
 <211> 760
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(760)
 <223> n = A,T,C or G

<400> 2586
 nnnngttana ncagctcctt gttctttntg caggatccca tcgattcgct cgagtttttg 60
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 gtactttctg ttaaaatgca tgattgcaga attgtttaga ttttggtttt attcttgatg 180
 aaaagctttg tttgttcttg tttttaagtt tgcactcaaa tcttaagaaa taaatccacc 240
 catgttatca aaaaaaaaaa aaaaaaaact cgagcctcta gaactatagt gagtcgtatt 300
 acgtagatcc agacatgata agatacattg atgagtttgg acaaccaca actagaatgc 360
 agtgaaaaaa atgctttatt tgtgaaattt gtgatgctat tgctttattt gtaaccatta 420
 taagctgcaa taaacaagtt aacaacaaca attgcattca ttttatgttt caggttcagg 480
 gggaggtgtg ggaggttttt taattcgctg ccgcggcgcc aatgcattgg gcccggtccc 540
 agcttttgtt cccttttagtg agggttaatt gcgcgcttgg cgtaatcatg gtcataagctg 600
 tttcctgtgt gaaattgtta tcccgtcac aattccacac aacatacgag ccgggagcat 660
 taaagtgtaa aagccctggg ggtgccctaa tgagtgaacc taacttcaca ttnaattgag 720
 ttgcgctca ctggcccgct tttccantcc ggnaaacct 760

<210> 2587
 <211> 736
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(736)
 <223> n = A,T,C or G

<400> 2587
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 tgtgtgtgca caaagcccct aaggtttcat gtgtacacac cgggtgctaag tgttttttac 120
 acccttgtgc atctctcggc ctggggctcc tgtgcaggtt gccctgagag ttgggttttt 180
 agttcaaaaa gaaggaacac agatgactac tctgctggcg acacggccac tctgctggca 240
 cgcacatagc atggcgcctc cttttttggg ggactctcct tgggtggcatc tctggcaggc 300

tgtgtcctct	ccagctgcag	ttctggaccc	tgtctggggt	ggggaggggc	atttggctct	360
caggctgagc	ccacctggat	tccccaggcc	cttggtgagc	gccactctgg	ctgcaactcc	420
ccttgccctg	cccgctcctga	ggccccctctc	tcgtcctcag	tgggtggttct	ggcggggctg	480
ttcgtgatgg	tggtgatcct	cttcctggga	gcctccatgg	tctacctgat	ccgggtggca	540
cggaggaacc	aggagcgtgc	cctgcgcacc	gtctggagct	ccggagatga	caaggagcag	600
ctggtgaaga	acacatatgt	cctgtgaccg	ccctgtcgca	agangactgg	ggaagggang	660
ggagactatg	tgtgaacttt	ttttaaatag	aaggattgac	tcggatttga	ntgacattaa	720
ggctgagttc	gttctt					736

<210> 2588
 <211> 711
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(711)
 <223> n = A,T,C or G

<400> 2588						
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gagcacaggc	tttggttcag	aatataggtc	agccaaccca	ggggtctcct	cagcctgtag	120
gtcagcaggc	taacaatagc	ccaccagtgg	ctcaggcatc	agtagggcaa	cagacacagc	180
cattgcctcc	acctccacca	cagcctgccc	agctttcagt	ccagcaacag	gcagctcagc	240
caaccgcgtg	ggtagcacct	cggaaaccgtg	gcagtggggt	cggtcataat	ggggtggatg	300
gtaatggagt	aggacagtct	caggctgggt	ctggatctac	tccttcagaa	ccccaccag	360
tgttggagaa	gcttcgggtc	attaataact	ataaccccaa	agattttgac	tggaatctga	420
aacatggccg	ggttttcatc	attaagagct	actctgagga	cgatattcac	cgttccatta	480
agtataatat	ttggtgcaag	cacagagcat	ggtaacaaga	gactggatgc	tgcttatcgt	540
ccatgaacgg	gaaaggcccc	gtttacttac	ttttcagtg	caacggcatg	gacacttctg	600
tggcggtggc	gaaatgaaat	ctgctgngga	ctcacacatg	tgcagggtgtg	ttggtncag	660
gacaaatgga	agggccgttt	tgatgtcagg	tggattttgn	gaangacgtt	c	711

<210> 2589
 <211> 774
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(774)
 <223> n = A,T,C or G

<400> 2589						
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ngaagcaata	tataaagaac	gttggccaga	ttatgtaagg	gaactgcaaa	gaaggatttc	180
tgcaagtact	gtagatgtta	tagaaatgat	ggaggatgat	aaagttgatc	tgaatttgat	240
tggtgccctc	atccgataca	ttgttttggg	agaagaggat	ggtgcgatac	tggtctttct	300
gccaggctgg	gacaatatca	gcactttaca	tgatctcttg	atgtcacaag	taatgtttaa	360
atcagatnaa	tttttaatta	tacctttaca	ttcactgatg	cctacagtta	accagacaca	420
ngtgtttaa	agaaccctn	ctggtgttcg	ganaatagta	attgctacca	acattgccgg	480
agactagcat	taccatagat	gatgtcnctt	atgtgataga	tggcngaaan	ntngaanaga	540
cncatttnga	tactcagaac	caatatcctt	tacaatgtcc	ctcttnagtg	gggntagnna	600
aaagcnttaa	tgcccnaaac	catantaana	agggctcnctc	ctnggnaaaa	annttcaacc	660
cttgggncca	attcgcntat	ncaatctnng	cttaacnggg	nncntttang	acnccaannn	720
ntttncctt	angntngnnc	ctnttcnaac	ctggncccnn	aannnttttt	cncg	774

<210> 2590
 <211> 852
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(852)

<223> n = A,T,C or G

<400> 2590

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ttgcatagtt	gggaatcaag	ataatctgtt	tttaataata	caagaaacaa	aagcataact	120
atattattta	tattacaaaa	gcaatcttta	gaaaaactaa	aaggggtata	taagtattga	180
gaggagagga	aaaggaatga	tatggtatca	tgaggtaatt	tttgatcaat	tatagtagga	240
aatagacaat	atctaaaatg	gataaaggga	aaatggcaat	attatctttt	tattttatat	300
tattttaatt	ttttaagaca	agtgcctcgt	ctgtcgccca	tgctggagtg	caggggtaca	360
atcacagctc	actggagcct	tgacctcctg	ggctcaagtg	atcctccac	cacagcctcc	420
cgagtacctg	gtactacagg	catgccacca	caccggcta	attttgnat	tnnnnnnnan	480
ncnnnnnttt	nnnnntnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	540
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	600
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	660
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	720
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	780
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	840
nnnnnnnnnn	cc					852

<210> 2591

<211> 715

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(715)

<223> n = A,T,C or G

<400> 2591

ggnttnaaat	atcangctac	ttgttctttt	tgcaggatcc	catcgattcg	aattcggcac	60
gagaataaaa	ggttccaatt	tgagtttcat	ctgctcagct	gccagcagca	gtgattcccc	120
aatgactttt	gcttggaata	aagacaatga	actactgcat	gatgctgaaa	tggaaaatta	180
tgcacacctc	cgggcccaag	gtggcgaggt	gatggagtat	accaccatcc	ttcggctgcg	240
cgagggtgaa	tttgccagtg	aggggaaata	tcagtgtgtc	atctccaatc	actttggttc	300
atcctactct	gtcaaagcca	agcttacagt	aaatagtatg	tgatctgact	tttcctttag	360
catttaaaga	taccttttag	aaatagaaag	cacctgtttt	tctctcttaa	tcttaaccct	420
gtcttttctt	ctcacagttc	cccacctgac	tcttcttttc	octacctttc	attccacaaa	480
attaagattc	ttggttattt	gtatctaaac	ctgcaattat	gttgaagacg	acaccgtact	540
cagtgtgggtg	agtaacacag	agatgaacca	gacatgtttt	tgctctttnt	tttttctttt	600
tctttttttt	ttttgagacg	gaatcttgca	cttgtcacc	caaggnttgg	atgacatcct	660
gggttgcant	gagctgaaaa	tggtgccaat	gnacttccaa	cctgggtgac	aaaat	715

<210> 2592

<211> 762

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(762)

<223> n = A,T,C or G

<400> 2592

ntnagggggn	ttgaaggncn	ntttctanat	gctaggctac	tngttctntc	tgcaggatcc	60
catcgattcg	aattcggcac	gaggtcatga	tcaactcagt	ataggttttc	ttaaaaaatt	120

ttttcttaaa	atgttttttg	aacttcaa	aagtttggt	ggtgctacag	atttaa	atcg	180
acttgttgt	gaggataata	gaattctttt	tgctatgaac	ttatcagtc	gccagcgc		240
tgtgagacgg	tgctgcttg	catggtgcag	tccagagtg	atgttgcaa	cgtctagcac		300
tgcttttatg	taggacgcgt	gcttcgtttt	attggtctaa	aatttcccat	gtcataacac		360
tttgatcatg	ccttagagaa	gtcttacagc	ttattcagag	cactttggag	acattaacac		420
ccagcgtgca	aatgcgtctt	cttgcttagg	cgtcttggtc	cttggtgtca	gcatcagtc		480
ctaggcccg	ttggtgtggt	tctggaccan	agaaagtgc	ggtgagaaga	tattcctcan		540
cagtgttggg	agagcangcg	atggaccctg	ggtttgnttc	gatgtggttc	acgtgcggt		600
ctgtttctca	aaagtgggtca	tttgagtac	ttgatgtacc	tggatttttg	ctaacccttg		660
tnancntttg	ctgttcttta	tgtaaaatat	attcattttc	aaaggaaatg	gttgggccgg		720
acacagtggc	tnacgcctat	tatcccanca	ctttggggag	gc			762

<210> 2593
 <211> 702
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(702)
 <223> n = A,T,C or G

<400> 2593							
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aagaaaccag	tagctagctg	ctatttatat	ggtgagggg	tgctgcctg	taacagaata		120
gctccacacc	acagcttgag	atgttggtta	gtttcactgt	gtgagcttc	ataaagtctg		180
ttgccattcc	atctctgtgt	taacacttca	tatttttatg	aaattcagat	aatttgtgag		240
aggctggcat	ggatctaagg	atattattatt	tttattctag	tccatcagtt	cagtcgcagt		300
ttttatacta	ggactttagg	atgtacataa	atgtgtgact	gtttgtcttg	attaaaagtg		360
cactgtgccc	agcatggtgt	ttcttatatc	aggtgtttta	gggagctcgc	ttgcttattc		420
cattctttta	tccttacagt	gtgccacacg	tataaagttt	ataacgtatt	aatgatctca		480
ttacccaaaa	ccagaacata	atttcacaa	ggttcctact	tctgtattgn	tttattatct		540
caaaaattta	aataacatgt	tctgctgttt	attggtcttg	ntatccactg	nattagcacc		600
ttccctgatg	tgctttggag	gttgatcaat	gaattctgag	actttctgct	ggaattactt		660
taaggytgct	tattagatga	tgaaaaagtt	ggctgagacc	cn			702

<210> 2594
 <211> 708
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(708)
 <223> n = A,T,C or G

<400> 2594							
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ctttatctct	aaattagaat	cacaaatgcg	taatcttttc	agggtaaaa	tgtgtcatct		120
ttaaagtctg	tttcagatat	attttaaatt	actattttta	atgaattcat	atggaaaagt		180
cgtgggagct	taaggccttg	tttaaaagg	aaaaaacaac	tgagtctttt	tagattaatc		240
aaaaactatc	ctcttccttt	ggagaggaga	gagtgtttgt	cacacgcgga	atgaagtgcc		300
atgttctttg	aggcacgatt	tgtatgccat	ttggaggang	gagtcggttc	aagagaatgg		360
attccctgac	aagctacgtt	tgccagaata	ttccaagaca	tgtttttaga	gctacctatg		420
gcattaacat	cataacgcct	agagaggatg	aagatcccca	ccgacctcca	acatcngang		480
aactgttgac	agcttatgga	tacatgcgag	gattcatgac	agcgcagga	cagccagacc		540
agcctcgatc	tgcgcgctac	atcctgaagg	actatgtcag	tggtaagctg	ctgtactgcc		600
atcctnctnc	tggaagagat	cctgtntttt	tcagcatcaa	caccagcgac	tcctagagan		660
cnaaatgaac	agtgtatgaa	taaaaatgca	gctaggcaga	aataaaaa			708

<210> 2595

<211> 710
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(710)
 <223> n = A,T,C or G

```
<400> 2595
ggttnttagc ngctcttggt ctttttgtag gatcccatcg attcgaattc ggcacgaggt      60
ttaggggtcag atccatgtat ttgtagcttg gaggtgagcc caggggttca tacacaactt      120
tgctccctac tgtctgtgat ccctctgcca ctttctggtt ccttggagct ccctttcatg      180
atcctcctgt cagaatacca gggctttaat ttgccactc tctgccatgc acttctcatg      240
actgcatctg catccagggc caagcggtag gaggacagag ggagcctaaa taaacaatag      300
gatttgtttc acagtcttga agctacagct tctctggtca gagaaaagaa ttcaaagccc      360
tcagagtttt aggtacctgc tcaaattcta cctctgttgc ctaagggttag agagaacaaa      420
ataagaaaga aaaaaaaagc aggagatttc ccttattttc tctgaacttt tggcattcct      480
ttttctgttc tttggaccag aaaatgagtt gaagttcctc tgttcacacc tgggtgtttac      540
tttcatgttt caagctgctc ttaagtctag accaggtaat atctgagggg gaaaaaatgg      600
gacactcact actggcttgg tggtagttta aaccctggct ctttcccggg gtgctcatta      660
tcatttactt tcagagtttc cagaaagctg ctccatgcat tctatctaga      710
```

<210> 2596
 <211> 775
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(775)
 <223> n = A,T,C or G

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<400> 2596
tgttntaat gcnaggctct tgttcttttt gcaggatccc atcgattcga attcggcacg      60
aggcttagaa aattaacctt tttctattag gctgggtgcaa aagtaattgc gggttttttg      120
ncnttaaaag taatggcata aaccattact tctattaata aaacctcaa ttntcatttt      180
catagccttt cagaatggga gtaagctttg caatcaacct gtccttcat cttatctgta      240
cacttgataa atctgattca gtgggttgaa cggaatctgc ttttcctgta ttgggtacaa      300
gcaagcactt tgctgggtg agtgtagctg cagtatagca tagaattaag actacagttt      360
catagtcagc gcagcttgaa atgntggctc tatcatttac tagctgtgtg atcttgcaca      420
aaatcctnaa cttctctgcg cctgtttcct cacttaaatg gnantnecat tgttatctac      480
ctcatggagt ngntatgaag attaaataac ntgcatagna acntgcanaa gctncnnacn      540
nnnnnatatn ancctnanac canctctnnc ncctnctcn ctncnact aannaanacc      600
nnnnggtgng gngnaaattt cttctanaaa gaaaaatntc cttgaaancn ttttnaaann      660
nnactaantt tntcantna atctngtnna tnncanggnn naacctaaaa tccanncnnn      720
nnganacntn cccnntntat tntatantnn gncntannag ggcantanc ctncn      775
```

<210> 2597
 <211> 710
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(710)
 <223> n = A,T,C or G

```
<400> 2597
gnttttanat acagctactt gttctttntg caggatccca tcgattcgcc ccgaccccg      60
gccacctggg cccccgggtt ccgccggcac tctcgccacc accgcgtggg tctgacaaga      120
```

tgtaccaggt	cccactacca	ctggatcggg	atgggaccct	ggtacggctc	cgcttcacca	180
tggtggccct	ggtcacggtc	tgctgtccac	ttgtcgccct	cctcttctgc	atcctctggt	240
ccctgctctt	ccacttcaag	gagacaacgg	ccacacactg	tggggtgccc	aattacctgc	300
cctcggtagag	ctcagccatc	ggcggggagg	tgccccagcg	ctacgtgtgg	cgtttctgca	360
tcggcctgca	ctcggcgccct	cgcttcttgg	tggccttcgc	ctactggaac	cactacctca	420
gctgcacctn	cccggtgtcc	tgctatcgcc	cgctctgccc	cctcaacttc	ggcctcaatg	480
tcgtggagaa	cctcgcggtg	ctagtgtctca	cttatgtctc	ctcctccgag	gacttcacca	540
tccacgaaaa	tgctttcatt	gngttcattg	cctcatccct	cgggcacatg	ctcctcacct	600
gcattctctg	gcggttgacc	aagaagcaca	cagtaagtca	ngaggatcgc	aagtcctaca	660
gctggaaaca	gcggnctctc	atcatcaact	tcattctnctt	cttcttngng		710

<210> 2598
 <211> 722
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(722)
 <223> n = A,T,C or G

<400> 2598						
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cttctgggtc	actggtagcc	gcgggagccg	ggtggggcct	aggcgatgat	ccggcattaa	120
ggagctggga	tcatectccg	tctcaggtgg	tttggggaaa	gtgtaggggc	aaccaaagat	180
catcggttg	actaggccct	ttgccctgaa	cctcatgaag	aaatgatagg	aggcagacat	240
atgtgcctaa	aaagagcggt	gagctcagag	aagagcaact	cggagttttg	ggggtgtgct	300
ttgatttgtg	tacatcaatg	gcagaatcat	ccagcgaatc	agatcacttn	cgctgtcgtg	360
accgattgag	tccatgggct	gccagatcaa	cgcacagggg	aactcgaagt	cttcctacag	420
tagaagttac	cgagaaggtc	aacactataa	caagtacttt	acaggatacc	agtcggaacc	480
tgcgacaagt	ggaccagatg	cttggacgat	accgagaata	cagtaatgga	caggcgggtg	540
cgatagaaca	tgtgagaaac	tacatttgtt	tgcattttct	cctaccacc	ttttttgggg	600
aatgaantgt	tttggggaat	ggggcttgtg	aactaaaagg	aaaaaaacca	ttggtgaaag	660
tgcttttaga	attttaaaac	tnnatttaat	tattttatan	gtttnaaagt	ttaagggttag	720
ct						722

<210> 2599
 <211> 792
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(792)
 <223> n = A,T,C or G

<400> 2599						
agtgtctcta	ntnnattgct	acttgttctt	tttgcaggat	cccatcgatt	gcgaattcgg	60
cacgaggttg	atctctcatc	agtgtttgac	agttaatcac	tttttctctc	ttgaaatacc	120
gggggntgag	gcttncaaga	caccacacac	aactggttta	cctctctctg	nctctctctt	180
ttttgtttcc	tttgcgtgact	ctttctcagc	atttcngcta	gggttnagtc	catggcattt	240
cttnacattn	ntggctacct	ttctccctta	angtacntnt	ctagacttcn	aantccatnn	300
attcctagtt	tnaagatntc	cccttancaa	cttaattntca	tnnanntttt	nanacacagt	360
ccttgaanat	tnccnanagc	caaaacacgg	antcgtacnt	gaacccctnn	nnntctcat	420
atcacataca	cggtntgtca	tcanntcatg	atatncttcn	cnctttnttn	nanantnttn	480
ccnntntctt	atnaattcnt	ttngnanctn	ttcctnccnc	aatccaaang	annnttannt	540
gcttnmatta	aactatatnt	annggngntt	ttnttcnntc	tcngnganan	aaanatnttn	600
naaancccg	tnncttaa	ncaattntnt	gcncctttct	nnnaaatgnc	nanngncnt	660
taatcatcca	actnggtngg	ntccaggggn	ncanatggct	ntaccaatcc	ttgcnaaanc	720
cntcacgnnc	tttttggcnn	nnggccttn	tantnccggc	nanatctacc	ctcgtnnngg	780
aangccantt	nc					792

<210> 2600
 <211> 712
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(712)
 <223> n = A,T,C or G

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<400> 2600
ggcngntnta tgnagctctt gttcttttgc aggatccctc gattcgcaaa gccactttga      60
attctggaaa gttgacctga tggagaagaa ccaggaaaac caagaccagc atttgaggaa      120
agctggtttt gtcaacaaca aaatactgat ggaagacaga aatagtgttt taggagaaac      180
atttaataata aattcaaacc ttgttccaat gagaaaaata cctgataaat atgacttatg      240
tataatgaac gtgaattata tttcagaatt aattgttagt aatagaaact cctttggaag      300
gaagcttgat gagctcagtg cacatgcgaa attgctcctt catatgacat gagcatcctt      360
atgccagaga gaaacatttt gagtgtgata gaaatgagaa agccatctgt tagaatgagg      420
acttatttca gcatcaggat attcaaaact tgaagcaaat ttttgaatac cttgagtgtg      480
ggaaagcttt tcatgaggag gcagccttca gtacccataa gagagtgtgc ttcttgggag      540
aaaccttgtg aatataatga acaacttaag agccttttct gacaatncaa accttcttgg      600
tcatcagagt actcacagaa gggaaaatca ctacgagttt aattgctggt gggangaagt      660
ctgtngtgag aaatctntaa ttaacaccat ggaggaatca tggggaaaaa ta              712
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<210> 2601
 <211> 733
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(733)
 <223> n = A,T,C or G

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<400> 2601
ggngnntttt atagatacan gctacttggt ctttttgcag gatcccatcg attcgaaaca      60
acggagttct cttttctgaa tctgcaaaaa aggggtactca ctttgtccag ttatgctgcc      120
aaagaaatat tcctctgctg ttccttcaaa acattactgg atttatggtt ggtagagagt      180
atgaagctga aggaattgcc aaggatggtg ccaagatggt ggccgctgtg gcctgtgccc      240
aagtgcctaa gataaccctc atcattgggg gctcctatgg agccggaaac tatgggatgt      300
gtggcagagc gtatagccca agatttctct acatttggcc aaatgctcgt atctcagtga      360
tgggaggaga gcaggcagcc aatgtgttgg ccacgataac aaaggaccaa agagcccggg      420
aaggaaaagca gttctccagt gctgatgaag cggctttaa aaagcccatc attaagaagt      480
ttgaagagga aggaaaccct tactattcca gcgcaagggt atgggatgat gggatcattg      540
atccagcaga caccagactg gtcttgggtc tcagntttag tgcagnctc aacgcaccan      600
taganaaaga ctgactttcg gnatcttcag gatgtaactg ggaataaaa gatgttttct      660
gttgacatg tactggaaaa ttaacacatg tngtagcctt aaaaatttta gacttnttct      720
aacatgangn ttg              733
```

<210> 2602
 <211> 722
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(722)
 <223> n = A,T,C or G

<400> 2602

ngnggnnttt	tagatcagct	cttgttcttt	ttgcaggatc	ccatcgattc	gaattcgtca	60
cgagaactcc	tactgttgaa	tacatctgca	cccaacagaa	tattttgttc	atgttattga	120
aagggtatga	atctccagaa	atagctctaa	attgtggaat	aatgttaaga	gaatgcatca	180
gacatgaacc	acttgcaaaa	atcattttgt	ggtcggaaca	gttttatgat	ttcttcagat	240
atgtcgaaat	gtcaacattt	gacatagctt	cagatgcatt	tgccacattc	aaggatttac	300
ttacaagaca	taaattgctc	agtgcagaat	ttttggaaca	gcattatgat	agatttttca	360
gtgaatatga	gaagttactt	cattcagaaa	attatgtgac	aaaaagacag	tcactgaagc	420
ttctcgtgta	actactacta	gatagacaca	acttcacaat	tatgacaaaa	tacatcagta	480
aacctgagaa	cctcaaatta	atgatgaacc	tgctgcgaga	caaaagtcgc	aacatccagt	540
ttgaggcctt	tcacgttttt	aagggtgttg	tagccaatcc	taacaagacg	cagcccatcc	600
tagacatcct	cctcaagaac	caggccaaac	tcatagagtt	cctcagcaag	tttcagaacg	660
acaggacgga	ggatgagcag	tttaaccgac	gagaagacct	atttagttaa	acagatcagg	720
gn						722

<210> 2603
 <211> 761
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(761)
 <223> n = A,T,C or G

<400> 2603						
ggnggggtttc	taatagnnng	ctacttgctc	tttntgcagg	atcccatcga	ttcgaattcg	60
gcacgagaac	cagagctggg	cccaggccag	gaaacaggca	ccaattcccg	aggaaggctc	120
cctagcccca	ttgggggtggg	gtcagagatg	tgccgggagg	aagggggaga	gggcacgcca	180
gtgaagcagg	acttatctgc	tccccctggc	tacaccctca	ctgagaacgt	ggcccggatc	240
ctcaacaaga	agctgctgga	acatgcctta	aaggaggaga	ggaggcaggc	tgcccacggg	300
cccccggttc	tccacagtga	cagccactcg	ctgggggaca	cagccgagcc	agggccccatg	360
gaggaaactac	cttgttctgc	actagctcca	tccctagagc	cctgcttctt	caggccccgag	420
agaccagcaa	acccgtcgcc	cttcgtcccg	ttgggccccca	cattccccca	ctgcttacag	480
gcttagtcac	cccggagacc	cgacgtncct	ggangancat	ggtggcnaag	agcccccccc	540
aggagcance	acaccgagat	gcaaacttgc	attggattat	cacaagtnta	aattcacttg	600
gaattttgca	ttaacccccn	cccnttacc	ttgnaacaaa	aattttttgnc	caacagggag	660
gaanatctta	ntttttttca	anggncaaaa	naaatgtttt	tttnaaaaac	ccccaaanct	720
tgnttnaaat	gttnaaacct	tgggaaaact	tgggaatttt	t		761

<210> 2604
 <211> 799
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(799)
 <223> n = A,T,C or G

<400> 2604						
ggngnttttt	naccacgctc	ttgttctttt	tgccaggatcc	catcgattcg	aattcggcac	60
gagaacggtg	tctggtggag	aagagctgag	cttccttggc	cccttctgaa	atgggggtcag	120
gaaggggatc	angagggnna	ttntncatgg	tgttcctgcn	natangtatt	tctttnnctc	180
nctnatctct	ctnagtcatn	nctcagtcac	ccacatatat	taagacctat	gcacagaaca	240
attctattcc	tataaaattc	tataaaatgc	anactanncc	ataatgacaa	aaanaatatt	300
actggtttcc	tagggatggn	atgtnnngca	agagagacga	cagatgnang	nattaccaat	360
gagcacagn	ganacttntg	natgcangga	tatgctcatt	gtccttgact	gctgatgggt	420
tnacnagggtg	ggcccaaaaac	tatntcaaac	ttttcacttc	atctatatga	ccanctgtca	480
tatgccaat	atacctcaat	taatcctgat	taaanncatt	tannngntatc	tctactngta	540
aannttaaaa	ccntttttta	cnttaccncn	cctgtantca	ntcatgtngc	cnttccctnaa	600
aaacttccca	anngtatttc	tancnataaa	nnaggctttc	tnnntaaccn	anttnnacct	660

tcctntngnn natnctnnnn naccttattn cttaattctt ctgaaanaat tcaacntant	720
attataccta tttnaaancc ttctnccaac ttctttantn nnngcacctt tcttctcntt	780
ataatcccan cnanncneg	799

<210> 2605
 <211> 729
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(729)
 <223> n = A,T,C or G

<400> 2605	
gggggtntct aatgcnggct acttggttctt tttgcaggat cccatcgatt cgccgtcttc	60
gccaaggccc cgcccagacc tagttgttct cccctgaat gtgtagaacc ttcctttgaa	120
atcttctaatt cgggtgcattg aggtttccac atctttttcc aagcagtgcc ccacttcatg	180
gatttatagc tatagtctat gcagtcgtta cctctttttt tttttttaag aaaattgaag	240
attgggggtgg tggaggcagt agggagatgg gattgggcac ctcccccggtg ctggggcctg	300
gatttttgta aataaatttc ccaagcggtt ctttccacct ggaggggaaag ggggggacgc	360
ccccagtgg attcaaatca cgcattctcta ctctctgctg tgagtgcgtg tgtacatgtg	420
cactccccac cctgctccct tcccagaggg attgctgtga aatttttttg gtggcaaata	480
aagataaatt tcattctgtt caaaaaaaaa anaaaaaaaa actcgagcct ctagaactat	540
agtgagtcgc tattacgtag atccagacat gataagatca ttgatgaagt ttggacaac	600
cacaactaga atgcagtgaa aaaaatgctt tatttngaa aattggggat gctattgctt	660
taatttgnaa cccttntnag ctggaattaa ccaagttanc accaaccaat tgcnttcatt	720
tttatgggtt	729

<210> 2606
 <211> 763
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(763)
 <223> n = A,T,C or G

<400> 2606	
nnnagnggng gnnantnnnn nnntttttna aagncgttgc tacttggttct ttatgcagga	60
tcccatcgat tcgaattcgg cagcaggggtg aacaaaaatg gccagattc ttattcagaa	120
accaattcac attttaaaaa tatatactgt acactacccc atcctcttcc taatagctaa	180
agtgatctac cctaaaacac caagcagtc ttcttacagt ttgttccctc ctgacagttc	240
attgattaca atgtgaaagc accaacctga gctaaaatga aatgagaagc ctgatgttct	300
aggcaccaag tacttttaaa atgtctactg gctgtcctgc agcattttac ttaatcattt	360
tttagaggag ggatgaggac tgggttgggtg aaggaaatca tcaaatggag ccttaataaa	420
ctgattacaa aagctttttg taaaatcaca caaatatttc aagaataaat gcattccaga	480
gatacaaatc aggcacaaaag aaacaaaaat caatgaaatt ggcattacac ttgtaaaagg	540
ccaaatggac acaagccctc gagcctctag aactatagtg agtcgtatta cgtagatcca	600
gacatgataa gatacattga tgagtttga caaaccacaa ctagaatgca gtggaaaaaa	660
atgctttatt tgtgaaattg tgatgctatt gctttatttg gaccattata agctgcaata	720
aacaagggtta acaacaccaa tggcttcatt tatgtttcag gnt	763

<210> 2607
 <211> 740
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1)...(740)
 <223> n = A,T,C or G

<400> 2607
 aggggnnnnn nttntnagg gcagntttnt nnatacangc tacttggtct ttttgcagga 60
 tcccatcgat tcgaattcgg cagcaggctg tttgtgcaaa taccttgaaa actttgaaac 120
 ttgaccccg acaggcctgg tgccaggctc ttcccgactt ttgtgttttc tttccacctt 180
 tcactactga ctttgcctct ttcctaccag gaatggacag ggccgatgga ggtgaagcgg 240
 acagcagctg cactgccctg tagagattcc caggccctgc ccacttcaaa gcacacaagc 300
 ccacctcttc ctcatcacat ttccctttgc aaccaggga ggcactcacc aggatgctgc 360
 caagaaggaa acattttatt aacatgtttc tttgtttccg atgcacttaa aacacttggg 420
 cctcttgacc aagtctagtt ttaggacttc aaaggggctg tgaaagccac attttgatga 480
 ctttggtgta aaatgagtag ggcataatcg gatttaattt cccttgaaag ttgcacagac 540
 ttaaaaatta gcagaatagg ctagcagaat angccgatg ccgtggctca tatctgtaat 600
 ccagcacttt gggangccga ggcangcggg tcacctaaag caacagttnc anaccaagcc 660
 tggccaacat ggtgaaaccc cctcttacta aagatngaaa aaattaanct gggccgttgt 720
 ggtgcaacct gtaatcttac 740

<210> 2608
 <211> 718
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(718)
 <223> n = A,T,C or G

<400> 2608
 gcggnnnnntc ttcanatgnc ngctcttgtt cttntngcag gatcccatcg attcgaattc 60
 ggcacgagtt catttttaaa aagcttctcc ttattatgtt gttgtttaac aacttaaacg 120
 ctatctctag accaggaata attatttgc atattattaca gcaaaaaata tgtatgtata 180
 aatggactca ttcaaaatat ataaagaact cctattacaa agaaattgac aaacagccca 240
 gtatatcaat gaataataaa atttgagaag atattttcca taagaagata tctaaatgaa 300
 cattaggcat gagaaaacca aatttttagga tatcactaca cacctggcat agtttaaaag 360
 actgaaaata ttaagtgtgt gggaatgtag agcaactgga aatggcctac atctttcata 420
 gaaatgtaaa acaatacaaa tactttgcaa aactctgtcc aacattttct acccattcac 480
 caagcaactc catccctagc tatagatacc caggaaaata agtatgtatc ttcacagaaa 540
 taattgnatg agaattattca tagttcttat gcacagtagt tatcaagtaa acctgtctnc 600
 catcagaaaa atggatatca aatggggtga taatcatnca atcaatagga tattacttgg 660
 ccaaaccaaa tgaaacaagg gaaaaccaca tcaaccaa atagtgcntn tttncccc 718

<210> 2609
 <211> 715
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(715)
 <223> n = A,T,C or G

<400> 2609
 ggcagctctc taatgcnngc tacttggtct ttttgcagga tcccatcgat tcgaattcgg 60
 cagcagcaaa gtactgggat tacaggcatg agtcactgag ccagcctaa taaagaactt 120
 tctgacagtg aaaaatggtct gtgcatggtg tgggtggggt gaggggtgagg ccgggctggtg 180
 atggagcagc agggaggttg tagacaatgt ccagacatca gagagagggc tgggctctga 240
 tcctgtgcca ccctgaaagg ctttgatcct atggtttggt cagaaacaga gcctgtaaaa 300
 cccatgtatg cagctgttgc taagggaac cacaagatgc tcaaaggacc ttaaagatgt 360
 agatgcagtt agttacctga agaagtgaat gtagaagtga agtcttttct aaaagaaaaa 420
 ccacagacac aatggcaatc tggggagaaa gagagcctgg gattgggaga agatatccag 480

gcatttagct	ctctcttccc	cccatattta	gtgtgacata	tttattgtga	ctttataaat	540
tcttttttta	attttaattt	ttattttaat	gtttgtgggt	atgcagtagg	tgtatatatt	600
tatgggacac	atgagatatt	ttggtacagc	aggtgtttat	cttgaccgac	gtcttgnctc	660
tactgcctgt	cccgntctta	acatccttct	ctttctactc	cccttaccce	gtntt	715

<210> 2610
 <211> 723
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(723)
 <223> n = A,T,C or G

<400> 2610	
gcggnntnn	60
ggcagagat	120
actatttaac	180
gaaggttaa	240
taaagtgtt	300
aagtgaacct	360
gagatcttga	420
gaaaagctgt	480
aaaacaaaa	540
tattcttaat	600
atgaacaaag	660
gaaaatggtg	720
ttg	723

<210> 2611
 <211> 815
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(815)
 <223> n = A,T,C or G

<400> 2611	
ggggactctg	60
gancncagnc	120
agnnatthtc	180
ntncaacagg	240
gtctcttagc	300
gacgagcctt	360
actatgctct	420
aagcccgttg	480
tactgcagtc	540
aantantcnc	600
ttncnaggcc	660
atttcgggaa	720
ttgncnngga	780
cccaaggggn	815

<210> 2612
 <211> 742
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(742)
 <223> n = A,T,C or G

<400> 2612
 gngggnnnnn nnttttnnan ngcgtntata gcnggctctt gttctttttg caggatccca 60
 tgcattcgaa ttccggcacga ggccagcttg acctgggtgt gggcccgttg ggcgagaatg 120
 aagctncact gtgaggtgga ggtgatcagc cggcacttgc ccgccttggg gcttaggaac 180
 cggggcaagg gcgtccgagc cgtgttgagc ctctgtcagc agacttccag gagtcagccg 240
 ccggtccgag ccttctctgt catctccacc ctgaaggaca agcgcgggac ccgctatgag 300
 gtgcgtgaag tgggcaggcc ctgtcagtct cgcgttcttc ttggaagccg agacgcgggc 360
 caccctcggg cctcatgctc ccggtcgtc cctaggcgaa agcccgcctt ggggggttcct 420
 gaactcccag ccttgagacc taccatcagc ccgacccan ggtcctgtgc gtcttcttac 480
 ggaccgaaa gaagaaagct ttgagagtgt accttttcgc tatttttctt cccactttta 540
 cgactttgaa ttacagtgt tgctatttag tagtgatgg caatcccgc tggttcaagt 600
 ttctgaaatt ttgcgtgaaa caagcgcaaa tgaagcaact tgtccagttg gggaacagta 660
 aaataactgc agttcttgtt caatgaaaaa aaaaaaaaaa aaactcgagc ctntagaact 720
 atagtgaagtc gtattacgta na 742

<210> 2613
 <211> 721
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(721)
 <223> n = A,T,C or G

<400> 2613
 ggngcgtcta tggtgctctn gttcttttgc aggatcccat cgattcgctg gatccagtcc 60
 aggccagagc ctctcttgca gagaaggtac taggtgccca tgcacagggt gactgccagc 120
 ctctgtggag gggggcagtg gtgtccctgc gggcgggcct ggtcttctga ggccatgtca 180
 gtgccacccc agggccgccc tccatggcag tgtggggcca acaagcctgt ctcccatatt 240
 ttctgagaga ggctggaaat cctgttcttt ttatatataa agtgtttctt tttcaaaata 300
 ttggcaacta agtaaatcca aacaaagtat gggccaaatc atggcacact cctgccccac 360
 aggtggccct ccagctaaga gtcatgttta caattttaga ggtttggtgg gctccagtgg 420
 gaccacgcct gggggtggag tggctgtggg tgaaccgtgt ctccactccc acacctcgcc 480
 actgagaaga cagagcacgg gatcgtgaca gccgagctcc accgccttca ctagtcaactg 540
 tggcctgcag gggctgncag cctctgattc aagagccagt gggcgccgca ggacacactn 600
 ccttccttcc ctgcctgggg tcctgtgcnt ttgagctgaa actgttctng gccttttctg 660
 aaaaggatng tagaacccn gantggcatt ttantggtga atgggccttt gcaggaacac 720
 t 721

<210> 2614
 <211> 741
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(741)
 <223> n = A,T,C or G

<400> 2614
 ggngttttat agcngctctt gttctttttg caggatccct cgattcgaat tcggcacgag 60
 cctaggcttt accctcaata ctgcttctgg cnngnccaan cngtctntnt ccngtggctc 120
 tgngtgatgt gactngtccct cttctccaag gcagtattac tcataaatc ttcttttagcg 180
 gtactgatct atctgtgtca tcgtcagtc aaccacatat attaagacct aggcacagaa 240
 caattctatt tctataaaat ttagaaaaat gcaactaaa ccataatgac aaaaagaata 300

ttagtggggt	tcctagggat	gggatgtggg	caaagagaga	cgaaagaagg	agggattacc	360
aaggagcaca	gggaaagtgc	gggatggagg	gatatgctca	ttgtcttgac	tggtgatggg	420
tttacagggtg	ggccaaacta	atcaaacttt	acacttcatc	tatatgacca	gctatcatat	480
gtcaattata	cctcaataaa	gctgtttaaa	aacattttaag	ggtatatcta	ctggaaagta	540
aaactgcttt	taattacnag	actgnatcat	catgtgcata	gaaaaaatcc	aaanggattc	600
ttccaaaaaa	agctactaag	aaccactggc	cttcacgcag	atgccaggtn	caaagggtta	660
atattggaaa	atcaactatt	atttcctatt	tcaaaagcca	accanaanaa	naaannnnnn	720
nnnnnnnnnn	nnnnnnnnnn	n				741

<210> 2615

<211> 753

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(753)

<223> n = A,T,C or G

<400> 2615

gnttggnnnn	nnntttttnn	ancgcntttt	tatanataca	ngctacttgt	tctttttgca	60
ggatcccatc	gattcgaatt	cggcacgagg	gggcccccac	gcaaactcaa	attccctgag	120
cctcaagagg	tggtggaaga	ggtgaagaag	tacctgtcgt	agggagattt	gggtagaagc	180
cctcatgctg	agctttgtgt	ccctggtgat	ggtggaacat	taatgatgga	acatggccaa	240
acttcagtca	tgatcctgaa	accatggctt	caggatcatg	actgaagtca	tggtttcttc	300
cctgccagaa	atgaagggtc	agttatgagg	caaccctcta	gtaaggcatt	gtaaaagtta	360
ctggattttg	tttaataaaa	gttgaaataa	agtanaaaaa	aaaaaaaaaa	aaaactcgag	420
cctctagaac	tatagttagt	cgtattacgt	agatccagac	atgataagat	acattgatga	480
gtttggacaa	accacaacta	gaatgcagtg	aaaaaaatgc	tttattttgt	aaatttgtga	540
tgctattgct	ttatttgtaa	ccattataaa	gctgcaataa	acaagttaac	aacacaattg	600
cattcatttt	atgtttcaag	gttcaagggg	gangtgtggg	anggtttttt	aattcgccgg	660
gcncngcngc	caatgccntt	gggccccggg	ncccgacttt	tggttccttt	aatgangggg	720
taaatgcccc	cttnggcgta	atcatgggna	ata			753

<210> 2616

<211> 722

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(722)

<223> n = A,T,C or G

<400> 2616

gngggggnnt	tctaattnnna	ggctacttgt	tctttttgca	ggatcccatc	gattcgaatt	60
cggcacgagg	gtaagtaacc	tgtgcagagc	acagaactag	gattcagacc	tacagaccca	120
caagtcagcc	tctaaggccc	acttataact	gctcttctgc	ttgcaaggcc	ctatggatga	180
aatccagtta	taacctcctt	ttgctataac	tagacacaga	gggaggcggt	tctcccta	240
ctgtatttat	ccagacaagc	tgtccagcaa	gatttctgag	tgaggggctt	taaggaagca	300
atctgcgggt	gtgtagcctt	ttctccctca	gcaaatacag	aaggagctta	tagcccgggc	360
tcaccctgct	tcagaacaag	ggccaacatc	tgtccatacc	cctgttatag	tgagatggga	420
aaccttgtag	atgttggcac	tgtgtggctc	ttttctttta	tatactgggc	tttagggcca	480
atcccattta	accaaagggt	tcaatagcta	taaaaaggcg	ttgaaattgt	atgggttatt	540
gagttatagc	tcagtaaaag	cattaaatct	tcagcctaga	tgaccctatt	ccttcccact	600
ctaaccagct	gtgactncag	atggagacat	tgnccctgcat	cctctacgtn	cccatnccca	660
catnccancc	agaaacaaat	gtgtgaagtt	tcataccaac	agaatgggg	gggtaggaat	720
ca						722

<210> 2617

<211> 742

<212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(742)
 <223> n = A,T,C or G

<400> 2617
 gnnagnnnnn nnnnnnnng ntttnnaaga ncagctactt gttctttttg caggatccca 60
 tcgattcgaa ttcggcacga gggaaccccc accattaagc taaagtaaaa cccttttgag 120
 ggaagaggga gactggggag aagggaaaag agagaaggca gggagagtag ggagagaaaa 180
 ccttcagca gccagtaaa ctgcgggcga agagatctac ccgtctccct ccctcccaca 240
 gttaccattg gccttgtcat cgcaagcatt tgacaaagac ttgcttgtct tgggcctgtc 300
 acctcctgaa aggctgcttt agctgtggat gcccttgatt aagggagaga gcgcctagga 360
 gctgcctgac ccagctgggg tgacggctgt agggctgggt ctatgttgca agccctatat 420
 cctagcatgc agtggaaaag gcttagctct ctccctcctg acctctgggc agccagtcac 480
 caaagcagag agacgtggcg gcatgtgggc agcatgcccä gggttccttgc tgactcagca 540
 cttatttctg tagtttttaa aaagaattta atgtttttgg ttgtattttt ttgggggggt 600
 gaggtgggc aaaaacatgg gggtagttct gagttgttag aaatgtttct tgaatcaaag 660
 tttgtttgaa gacacctgtg cctttgtacc cattataaga tggtcattaa gacccaagaa 720
 actgataact ttggnntttt tt 742

<210> 2618
 <211> 753
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(753)
 <223> n = A,T,C or G

<400> 2618
 gggntttaan nncnntttnc naannagnna gctacttggt ctttttgag gatcccatcg 60
 attcgaattc ggcacgagga gaactccaaa tagcccaaga ggggtggtgca cccccaactt 120
 catagggtga gaggtcctg agattaggag aacccttttt aggtcttact ctatgtacct 180
 cttcatttga gtgttcattt gcgtccttta taaccagtaa aacaaagtac gctgttttct 240
 tgagttttgt gagccctgta gcaaattatc aaacctgagt agggcagtgg gaactcggaa 300
 tttatcacca ttcagaactg caggttgctc ttgtgagtgg catctgatgt gggggaagtc 360
 ttggactgag ccccttaact tgtggagtct gcactaattt agactgcact aactaacttg 420
 cactgcacta acttgactg cactaacttg tggagtctgc actaacttgg agaagttagt 480
 gtcagaattg aattatagaa caccagttg ttcagaattg aattgtagaa cacccaattg 540
 gtgtgggaga attagagaat ttatttgtgt cagaaaatac tccagaäcaa ccacccata 600
 ttatgattag ctcttttctt ttctttggct ctgagcttaa ttgtacatta agcaaactta 660
 agtagaaaag aaactgaata tgttaaataat attaacaaca tatttggact tgcttaactt 720
 aagattatng agatgatcag ttataaaaacc ccc 753

<210> 2619
 <211> 757
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(757)
 <223> n = A,T,C or G

<400> 2619
 ggnngntttt tanntncttn nctaantagg agctctngtt ctttttgag gatcccatcg 60
 attcgaattc ggcacgagat gcagtgtaac tggcaggagg ggagtgagaa ctacttgggt 120

agatgatcag	gagatactct	gcaagaggaa	acatacagaa	ggagcctgac	atgagaaaac	180
tggggcagca	gttttccagg	aagagggacc	agcacaggtc	caagttgaaa	ctcagaatgg	240
aatttttagga	aattatattc	ttcatgatgg	ttagatcctg	tggttatca	tcactgcagt	300
tcaacaatgt	ggtgcctagt	aggaagagtt	ctcccaggaa	ccctccacgt	gtgctatggg	360
atttctgaga	aaaccagttc	tgagttctag	gcagtggact	cacagttgaa	cttgaggagg	420
accaagaatt	gcttccatca	tagccttact	aagaaatgac	catggcatgg	cctgagtgtc	480
tcggcatgga	ngaccagaan	gggaagccct	aatttgccag	ttgcagactc	ttgagccttg	540
tgactctaatt	gacgacnaaa	attaggagat	tttctaggac	tcacgtttgc	gattttgaga	600
gtagtgtctgc	tggtgttctc	gggttggtt	ctattgattg	tttcattggt	tctgtgtgca	660
agttaccctt	ttctaagctt	aattttaatt	aatattatat	taagtggagt	aattagatta	720
tatgaaccct	aangcttctc	tttattctta	accctta			757

<210> 2620

<211> 750

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(750)

<223> n = A,T,C or G

<400> 2620

nggaggtatt	nnnnnnntt	tncnantagn	nngetcttgt	tctttttgca	ggatcccatc	60
gattcgaatt	cggcacgagg	ctctgtgaca	ccctttttgt	gatcttcagt	gctgttttta	120
tggttacacg	actaggaatc	tatccattct	ggattctgaa	cacgaccctc	tttgagagtt	180
gggagataat	cgggccttat	gcttcattgt	ggctcctcaa	tggtctgtct	ctgaccctac	240
agcttctgca	tgctcatctg	tcctacctaa	ttgcacggat	tgctttgaaa	gccttgatca	300
ggggaaaggt	atcgaaggat	gatcgagtg	atgtggagag	cagctcagag	gaagaagatg	360
tgaccacctg	cacaaaaagt	ccctgtgaca	gtagctccag	caatgggtgc	aatcgggtga	420
atggtcacat	gggaggcagc	tactgggctg	aagagtaagg	tggttgctat	agggacttca	480
gcacacatgg	acttgtangg	ccactggcaa	catactctc	ttggcccttc	ccatatctac	540
tcttctgtga	ttgggagact	gcaaggcact	gangagatc	aaagaagcaa	atattttcac	600
tttgaaagaa	aactgccatt	ttgtatttaa	aaaaaaaaaa	aaaaaaaaac	tcgagcctnt	660
aaactatagt	gagtcgatta	cgtagatcca	gacatgataa	gatncattga	tgagtttgac	720
aaaccacact	agaatgcatg	gaaaaaatgc				750

<210> 2621

<211> 791

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(791)

<223> n = A,T,C or G

<400> 2621

gnnnngnnnn	ntangtggtt	ttaagnnntt	tttnaatgna	gctcttgttc	tttntgcagg	60
atcccatcga	ttcgaattcg	gcacgagggg	actacagctg	tgtaccacca	caccggcctc	120
tcctggcttn	ttaaccactt	acattanaat	tgagaggana	aaggcagttg	acaggggntg	180
tantnaatna	ctngaacnca	ttcanngagg	antttntnc	ntggccntna	tnagtnncnc	240
tattcatcna	ntntaatgnt	gancnntacn	nttgntncaa	agccntnnc	atcntaaacg	300
ncatncttan	atangtatnn	tcctactgcn	gcantgagca	gntcatnaca	tcagatacag	360
attctcagca	tggaatacaa	agctnggata	ctgtgtcant	gctgctctgt	ggcaaagaac	420
acctnccctt	ntaagnnaca	gcctcactct	actagaatan	gtcngagcgc	gcccattcat	480
ggctgattgc	aacttccact	ggctgggatc	cagatctaga	atntgtgttc	agatgcctta	540
cntaggaata	catnctaaca	cattcttaac	aggtttcaag	gggagatant	tnngcatagn	600
acgtagttaa	tgcttnagtt	atatgtgtct	gcactgtntt	ttganggtaa	acggcttaac	660
ccnttantta	gggtngttta	nagaattgat	gngtaaataa	cnttgatgna	aaagtttcan	720
atggacnttt	nnantttgct	ttnaanngtg	gatatnggtc	tattgcccna	ngggntaatn	780

<210> 2622
 <211> 765
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(765)
 <223> n = A,T,C or G

<400> 2622
 ngnggggntn nnnnnnnntt ttcnaatgct agctcttggt ctttttgcag gatcccatcg 60
 attcgaattc ggcacgagga aaaaggaaag atggatatgg aagaaattat tcagagaatt 120
 gaaaacgttg tcctagatgc aaactgcagt agagatgtaa aacagatgct cttgaagctt 180
 gtgaactcc ggtcaagtaa ctggggcaga gtccatgcaa cttcaacata tagagaagca 240
 acaccagaaa atgatcctaa ctactttatg aatgaaccaa cattttatac atctgatggt 300
 gttcctttca ctgcagctga tccagattac caagagaaat accaagaatt acttgaaaga 360
 gaggactttt ttccagatta tgaagaaaat ggaacagatt tatccggggc tggatgacca 420
 tacttggatg atattgatga tgagatggac ccanagatag aagaagctta tgaaaagttt 480
 tgtttggaaat cagagcgtaa gcgaaaacag taaagttaaa tttcagcata tcagttttat 540
 aaagcagttt angtatggtg atttagcaga acacaagaag agcaagaaaa tgtgtcacat 600
 ctataccaaa ttgaggatgt tgagttatgg tactaatgta tgcaacttta attttgttta 660
 acactatctg ncaaaaattaa actttattcc ctataacttt aaaatgngta tatatatatt 720
 aatagtttat ttatgtacag gttnaattct actggggtttt ggcng 765

<210> 2623
 <211> 747
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(747)
 <223> n = A,T,C or G

<400> 2623
 ntnggnnnnn ntttnnnngt nggttttttag atcagctctt gttctttntg caggatccca 60
 tcgattcgaa ttcggcacga ggattcattt ttgtactagt taatatcaac tctttctcag 120
 aagtagtcaa aatataaata aaagttcttc aaaagtaacc caggagcaac agctgagcag 180
 tgccagagtt gtgaggtaaa catcaatcat ttcacaaatg ttctgacttg ttgagcagtg 240
 ttcatattcca ggtttcaaac ttaaagtatc tattaagcaa tcttaaaaga aagaacaccg 300
 ccttaggaaa aaagagattt gccaaactct tcatacttcc ttcaataact gcttagcaaa 360
 cactcttgag tgtcttctat gggcaatggt ctgtatccat agggatacag agatgaatga 420
 acatgaactt ggaaaaaatt attatacaac acaaagtagg aaaacggtgc acaaagcata 480
 aagaaattag cggaggaggg gattgtttga tggaaggtct tagggagtag gtgggatttg 540
 aatttgggtc ttggatgggt aaagtaaggt agggcagcag ggtgggcggc aaaaagtggg 600
 aggttacagt aagtagaatg gtcaatagcc tattttgact gaagtaaggg ttaaggcttg 660
 ttgggagcct gatgatagat ggggatgctg taaactcact gggatgtttt ncaaaagaga 720
 accctttaaa aactgcgttn aggagcn 747

<210> 2624
 <211> 774
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(774)
 <223> n = A,T,C or G


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<400> 2624
ggnggnnttn tttatntata cangctactt gttctttttg caggatccca tcgattcgaa      60
ttcggcacga gagagcgagt ctctctttgt tgcttaggtt tgtcttgaaa tcctgggttc      120
aagcaatcct ccctcctcag cctcccaaaa tgctgggatt acagggtgtga gccaccacac      180
ctggcctcta ctttcttata tttccttaaa tagatttcct ttcttttttg attaagaaaa      240
aataaacaga aaattaaaaat ttgaacatat tataaaaatg aaagataatt gtaaaatctt      300
ggtttgaga gtgtctctct gagccagaa atcatccaga aaaatggaca gatttgactg      360
catcacattt aaaaacttta caatgatgaa aaatacaagt gaagctattc atacaataga      420
ttaggaccaa gtatttttaa catgtattat agacaaaaaa ttaccatcca aaatatagaa      480
ttgtacaaaa attttaaaaa catgggttaa aaatgggcat agggatataa cccggataat      540
tcacaggang gaaaaaaaat ncaaatggcc caataaacca tgaaaanggt gggttggtaa      600
gctgggggtt aagggtgggt tcacttccta ttanttttcc aaccactttt ggggaaagcc      660
caagggaaaa aagggtattg actttgggga tcanggcttc gaancctttt agaactttt      720
ggtggagtcc gnanntancg tnngatcccg gaccttggtt aaggatccca ttgg      774

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<210> 2625

<211> 746

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(746)

<223> n = A,T,C or G

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<400> 2625
ngnggggnnn ntttttnaag ggcgcgcntnt tctaatttnna gctctctttt tgcaggatcc      60
catcgattcg gaaaatggta tctttcagat ttctagaagt tcaagtgtca tacaacaaaa      120
caggaacccc ctttactctt atggacctca tttcaatata ctgtttacag tttgatggaa      180
ttgtataatt taatatctct cttgtactgt agtttatatt tatttacaga tttttttgta      240
ctgtgtgatt tgaacttttt gtctcttgct atgatcaatg tttatgtagt agagcactta      300
tgatcacaaa ttaagttttt tggtttgatt gcactacatt aaatttttta atgcagttct      360
gatttttgac tggactaaaa ctgtgtctta atgtatgtga tgagtactta aaattttaat      420
ccatgtggtc cccccctttt ttttttttgc attgtatggn aaaagcgctt ggtctttcgt      480
gcatgtgtan tatntaatgg taccattgtn ntagttgacc atgacatttt tgganaaaca      540
ttncagctgn nangttgngt atggngctc actggatgct anactttttt aaatncnaat      600
tnntntaat aanannnnnt tnngaantan tnnntntntn nnnncncnnn nnancnntnn      660
nnccnttnnn nnttntnnnn nngaactnnt nncnnnttcc ctgntttann nntnnnnntnn      720
atngcnmttt ntacnccnct tnntcc      746

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<210> 2626

<211> 728

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(728)

<223> n = A,T,C or G

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<400> 2626
ngngnnnnnt ttatanatac agctacttgt tcttttttgc ggatcccatc gattcgaatt      60
cggcacgagg ctgggagtat aggctgagtt aggaagattg cttgagcccg gaaggcagaa      120
gttgacgtga gccaaagatcg gcgcaactga ctcccaactg gacgacaaag cgagatactg      180
ggagtatagg cattcgccac cctgggcaac atagcaagac cctgtgtcta caaaaaattt      240
aaaaaaaaatt agcctgtagc cctagctatg caggaggtgg aggtgggaga attgcttgaa      300
cccaggagtt tgaggttaca gcgagctgtg atagcaccac tgcactccag cctgggccac      360
agagcaagat cgtacctctt aaaaaaaaaa agaaaaacac aagcaaccaa aaaaaaaaaa      420
nnnnnnnnnn nnanaaaaaa aaaaaactcg agcctntaga actatagtga gtcgtattac      480
gtagatccag acatgataag atncattgat gagtgtggac aaaccacact agaatgcagt      540

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gaaaaaaatg	ctttatttgt	gaaatttgng	atgctattgc	tttatttcta	accattntaa	600
gctgcaataa	acaagttaac	aacaccaatt	gcattcattt	tatgtttcag	gttcangggg	660
gaggttttgg	aaggtttttt	aattcncggg	ccgcggggcc	aatgcattgg	gcccgggtacc	720
caattttt						728

<210> 2627
 <211> 728
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(728)
 <223> n = A,T,C or G

<400> 2627						
gngngnnnn	nttctnaata	gcnaggctac	ttgttctttt	tgcaggatcc	catcgattcg	60
aattcggcac	gagcagaagc	acaggcaagg	atcaatgccc	ggcttcagca	gtatcgtgcc	120
aaagcagaac	tagctcgatc	taccagaccc	caggcctggg	ttccaaggga	aaaattgccc	180
agaccactca	ccagcagtgc	ttcagctatt	cgtaaactta	tgcggaaagc	agaactcatg	240
gggatcagta	cagatatctt	tccagtggac	aattcagata	ctagttctag	tgtggatgga	300
aggagaaaac	ataagcaacc	agctctcact	gcagattttg	tgaattatta	ttttgagaga	360
aatatgcgca	tgattcaaat	tcaggaaaat	atggctgaac	aaaagaatat	aaaagataaa	420
ttagagaatg	aacaagaaaa	gcttcagtga	gaatataata	agctatgtga	atcttttagaa	480
gaactacaaa	acctgaatgg	aaaacttcga	agtgaaggac	aaggaatatg	ggctttacta	540
ggcagaatca	cagggcagct	ttgaagatgc	tttatgtgaa	aagaatgtgt	gtggcttgga	600
tcctaaagaa	tgttttaaaa	ggtgagaatt	agtantcgcc	tntgggagga	tcagcctttg	660
gtcctgttaa	tagaagttga	atatnccggc	aattttgcga	gcccccaagg	nggagaaaac	720
caagttaa						728

<210> 2628
 <211> 731
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(731)
 <223> n = A,T,C or G

<400> 2628						
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ggcacgagga	ggattagcca	tgctggggtc	tcttgacaaa	aaggctggta	ctgattgaaa	120
aattccctga	gtatgtctag	aagtgtcagg	ctcctctgga	atcagttaca	gtgggattgg	180
ctgcttaggt	ataatcttta	taagattaaa	aattatagat	tatttggcag	cttgtttgaa	240
agtgttggtc	ccaagaaaaa	gttctgctgt	gtgttatggc	agaattatta	aaaaaaatac	300
attcttaagt	tgaggtttct	aagtaggctt	ttgtaaaaac	aggcaattac	ttgctggagg	360
cagttaattg	catgcacaga	tgggtacttg	tgttacaaat	tcctcatttg	cacttgtgat	420
taccatttg	caataattca	tgaaacctag	ggaattctta	ggtacaagga	aaggttttag	480
gcatttaaaa	aacgtatcac	taccatcaga	ggagatggag	aaaacaaaga	gctaagtata	540
aagccttatt	ccaaatgcta	agttcagaga	atattttctg	aagctcgcgg	ttgttggaag	600
taagaggttt	acttaagcta	ttggttccat	ggactctntt	cactttnaaa	aaaaaaannn	660
nnnnnnnaaa	aaaaacntng	agcccnttan	aacttntngn	ggagtcntat	ttccgttnaa	720
tccnnaacnt	.g					731

<210> 2629
 <211> 727
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(727)
 <223> n = A,T,C or G

<400> 2629
 gngtggnntt tttagatata ngctacttgt tctttttgca ggatcccatc gattcgaatt 60
 cggcacgagg gggatccct tgagaccacc ttgggaccag tgcttgcaag cagcgagata 120
 tttccccagc aaaaccaggc agctgctaata taaatgctta gaaccaatga aagctggctg 180
 tggctcctgcc tgtgagctgc ctactgctgc cttctgaatg catatatctg ctactgtagc 240
 cccgggttgt caaactatgg cctgtgggccc aaatccagcc acagtcgggt ctttaaagtt 300
 ttatcgaaac acaagcaatg gaaatgcccc tttccattgt tgtctccagt tgctctgctc 360
 cgagggcagt gtttaagttgt gcagcagagg cccctccatg caaagctgaa tatgtttact 420
 atttgaactt tttcagaagt tctgcttaag gacaaaataa agcctaaatc caagaacact 480
 tttaaaaatg aggaataagt gaacacaata gacggaagtc tggaagtttc taccatgcc 540
 aagaaaagca ttttatgttt ggtcacatat gttgtgcaat tcaaattttt tccctatat 600
 tctctgacta gacacttgta ctgagtcaat tggcgagtgt gtctgtctaa aagcccaatt 660
 tcaaaatatc actttaaagg catctttaca tagtggggtt taagaaaaaa gttgttattc 720
 agcaana 727

<210> 2630
 <211> 731
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(731)
 <223> n = A,T,C or G

<400> 2630
 gngngnngtn nttcnaatgc naggtactt gttctttttg caggatccca tcgattcgtc 60
 tttttaagca aagcagtttc tagttaatgt agcatcttg gctttggggc gtcattctta 120
 agcttgttgt gcccggtaac catggtcttc ttgctctgat taacccttcc ttcaatgggc 180
 ttcttcaccc agacaaccaag gtatgagatg gccctgccc aaagtcggcct ctcctgttaa 240
 acaaaaaatc tctaaagcca ttgttcttgc ttcattggaca agaggcagcc ggagagagt 300
 ccagggtgcc ctggctctgag ctggcatccc catgtcttct gtgtccgagg gcagcatggt 360
 ttctcgtgca gtgtcaaga cacagcctgc ctagtctcta ccagctcaca gcagcacctg 420
 ctctccttgg cagctatggc catgacaacc ccagagaagc agcttcaggg accgagtcag 480
 attctgtttt ggctacatgc ctctgccggg tgccgggtatt gaggcaccca aggagctgnt 540
 actggcgtgg aaataggtga tgctgctacc tctgctggtt nactcacaag ccacacttga 600
 tacacgatga caccttgctt ggttgggaaa catnttaaac atctagtnna tgacttgtag 660
 gctgntggct accagtttcc tgtcttgaag gggtaatatg gtttaacttc gggancaggt 720
 tggaaatgtnn g 731

<210> 2631
 <211> 757
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(757)
 <223> n = A,T,C or G

<400> 2631
 ggtgttatan nnnnnnttt tcaaaganac agctcttgtt ctttttgtag gatcccatcg 60
 attcgaattc ggcacgagat tattttaaagc ttattcaatt taaaagacta cttgtaattc 120
 cggacttatt ctttgaatag ttggtattaa ggtttctttt gtaaaataag aggtggtagt 180
 atttttcaat gcccttaatt aacaaaaatta aaagtttgaa aaccatatgt tgattctccc 240
 tcattttaaa aaattttgta attccactgg tccacaaaaa tccaattga ggagagctct 300
 ggaagagca cattctgtca atgggtctca acattttggg ctcaggacca ctttacattc 360

ttatttagga	aatgacctaa	atgtctttca	actagtgaac	gaataaactg	gtacatctgt	420
gtaatggaat	actacttcac	aatcaaaagg	aatgtactat	tgatacacac	agctacatgg	480
gtgaagctca	aatgtattat	gctgaatgaa	agaagccaga	ctcaaaaagc	tgcttactgn	540
tatgttctat	ttatatgaca	ttcttgaaat	gacactactt	agggatggat	aatagattag	600
tggttgccag	gagttggggg	agtggaaagg	gtttactaca	atggantggc	ataagggaaa	660
ttatttgagg	tggtgaaact	cttaattggg	ggntacataa	ttctatgcat	ttggcaaaaat	720
tcattggagct	gcacacccaa	aagagtgaat	ttnttcc			757

<210> 2632
 <211> 761
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(761)
 <223> n = A,T,C or G

<400> 2632						
tgnnnnnnntt	tttnnaaggn	gcnnnnncntt	naaatnnctg	gctacttggt	ctttttgcag	60
gatcccatcg	attcgctaaa	gccggctatg	ggaagccatg	tcatacttgg	ctaccttcct	120
atgttccttc	tcacagcaaa	actcttgga	tgatcatttg	aagtcacccc	tctgtgtctt	180
cttgtgaaat	ggcttggg	tctctgggct	ctgacttgct	catctgggaa	gagatggggg	240
agagggagtt	ggattataaa	tcattgctca	ctcagtcaac	agaatgctac	tcaggcacta	300
aaaatgatgg	cgtagcccta	cgtattctga	catgggaaga	tggccacaat	atcttattat	360
gtggaaaaaa	ctagtgcatt	aggatttatg	gtttgattac	atcttagtaa	aataaattca	420
tttatgggtg	tatatgcaaa	gaaaaataaa	tgccggggcg	agtggctcac	gcctgtaatc	480
ccagcacttt	gggaggctga	ggcagggtga	tcatttgagg	ccaggaggtt	gagaccagcc	540
tggccaacat	ggtaaaaccc	catttccatt	aaaaatacaa	aaattagcac	caagccgtgg	600
tggcacgtgc	ctgtagctcc	agctactcan	gangcttaan	atgggaaaac	ttgcnttgaa	660
cctggaaaag	tggaaggttt	gcggtgaagc	ccaagaatca	cgccanttgg	acttncggcc	720
tgggcttaca	agcccanact	tttgcttnaa	aaaaaaaaaa	a		761

<210> 2633
 <211> 764
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(764)
 <223> n = A,T,C or G

<400> 2633						
naatngcnag	ctctngttct	tttncggatt	annaagcctt	agcaggcngg	gaagatgaaa	60
ggtagccgga	tcgagctggg	agatgtgaca	ccacacaata	ttaaacagtt	tnaaagattg	120
aatcaggtca	tctttccagt	cagctacaat	gacaagtcta	caaggatgtg	ctggaggttg	180
gcgagctagc	aaaacttgcc	tatttcaatg	atattgctgt	aggtgcagta	tgctgtaggg	240
tggatcattc	acagaatcag	aagagacttt	acatcatgac	actaggatgt	ctggcacctt	300
accgaaggc	taggaatagg	aactaaaatg	ttaaatacatg	tcttaaacat	ctgtgaaaaa	360
gatggtcttt	tgacaacatt	tatctgcatg	tccagatcag	caatgagtcg	gcaattgact	420
tctacaggaa	gtttggcttt	gagattattg	agacaaagaa	gaactactat	aagaggatag	480
acctgcagat	gctcatgtgc	tgcagaaaaa	cctcaaagtt	ccttctggca	gaatgcagat	540
gtgcaaaaaga	cagacactga	caaattacaa	atgaactttc	ttgcacttgc	ttgtcgccca	600
ataaaagaga	ngcccattga	ttcttcccca	ccccaaaaaa	aaaaaaaaann	nnnnnnnnnn	660
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	annnnnnccc	nnnnnnnnnn	nnnnnnnnnn	720
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnngnn	nnan		764

<210> 2634
 <211> 717
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(717)

<223> n = A,T,C or G

<400> 2634

aatcagcctg	ntcttttgc	ggatccctcg	attcgcttga	gcccaggagt	tcaagtccaa	60
cttgggcaac	atgacaagac	ccttgtctct	ttaaaaaagc	aactcaaacc	atgtcttgaa	120
aagctattta	atggtcagac	acgatggctc	acgcctgtaa	tcccagcact	ttgggaggcc	180
gaggcaggcg	gatcacttga	ggtcaggagt	tcaagaccag	cctggccaac	atggcaaaac	240
ccagtctcta	ctgaatgaaa	atacaaaaat	tagctggcct	agcagttggt	ggtggcagg	300
gcctgtagtc	ccagctactt	gggaggctga	ggcaggagaa	tcgcttgaat	ttgggaggcg	360
gaggttacag	tgaaccaca	tggcgccact	gcactccagc	ttgggtgata	gagtgaact	420
ctatctcaaa	aaaaaaaaa	aaaaaactcg	agcctctaga	actatagtga	gtcgtattac	480
gtagatccag	acatgataag	atacattgat	gagtttggac	aaaccacaac	tagaatgcag	540
tgaaaaaaat	gctttatttg	gtgaaatttg	tgatgctatt	gctttatttg	taaccattat	600
aagctgcant	aaacaagtta	acaaccanca	attgcattca	ttttatgttt	caaggttcaa	660
gggggaaggt	tttgggaagg	ttttttnaat	tcgcgggncc	gcggcgccna	tgcattg	717

<210> 2635

<211> 769

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(769)

<223> n = A,T,C or G

<400> 2635

gttctngttc	tttttgcagg	atccctcgat	tcgaattcgg	cacgaggcca	agcctcggcc	60
tccactgcac	ctgctgcgga	gtgggcacct	ttgcctgcaa	ggccttttnc	ccantgncca	120
atggtanttt	aaccagggtt	tttgncnntt	aaggaggcct	tngtggtggg	tngttaatct	180
ggcctttccn	tattgaaaag	ctcctgttat	tgccacaga	ccagaaggac	ttgtaacctt	240
ggtccacag	tctgacttng	gcttttcaag	caccagaaa	acttagagg	aatcttatag	300
attccagAAC	ttaaggatac	ctcaagggat	agggtcacag	ccaagaagtn	caaaggaatc	360
ttcagtctgg	aacaaaaaca	gaaccctttc	atgattgaca	aangtcactt	tctgtttgcc	420
tggaccaagc	tactncagat	catctgacca	actcttaaaa	atcacggcca	ggcacagtgg	480
ctcatgcctg	taatccagc	actttgggaa	gcaaaagtgg	caggatcatt	ncagcccaag	540
agttcaagac	cagcctgggc	aacacagtga	gtgagaccct	gctctattta	agaaaaatna	600
ttaagaaatt	tattaaaaaa	gaagaatcag	gaaaccaagt	ncaaccaca	ttaacctcaa	660
tgaaccagcc	cctaacacag	atgangggat	ttgggactga	taagctctgt	gctgngtcca	720
tggcccgtca	nttatcaagg	ttgcactttt	aaatgnggta	tttttatgn		769

<210> 2636

<211> 769

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(769)

<223> n = A,T,C or G

<400> 2636

gttctngttc	tttttgcagg	atccctcgat	tcgaattcgg	cacgaggcca	agcctcggcc	60
tccactgcac	ctgctgcgga	gtgggcacct	ttgcctgcaa	ggccttttnc	ccantgncca	120
atggtanttt	aaccagggtt	tttgncnntt	aaggaggcct	tngtggtggg	tngttaatct	180
ggcctttccn	tattgaaaag	ctcctgttat	tgccacaga	ccagaaggac	ttgtaacctt	240

ggccccacag	tctgacttng	gcttttcaag	cacccagaaa	acttagaggg	aatcttatag	300
attccagaac	ttaaggatac	ctcaagggat	agggtcacag	ccaagaagtn	caaaggaatc	360
ttcagtcctg	aacaaaaaca	gaaccttttc	atgattgaca	aangtcactt	tctgtttgcc	420
tggaccaagc	tactncagat	catctgacca	actcttaaaa	atcacggcca	ggcacagtgg	480
ctcatgcctg	taatcccagc	actttgggaa	gcaaaagtgg	caggatcatt	ncagcccaag	540
agttcaagac	cagcctgggc	aacacagtga	gtgagaccct	gctctattta	agaaaaatna	600
ttaagaaatt	tattaaaaaa	gaagaatcag	gaaaccaagt	ncaaccaac	ttaacctcaa	660
tgaaccagcc	cctaacacag	atgangggat	ttgggactga	taagctctgt	gctgngtcca	720
tggcccgctca	nttatcaagg	ttgcactttt	aaatgnggta	tttttatgn		769

<210> 2637

<211> 777

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(777)

<223> n = A,T,C or G

<400> 2637

taananatnc	agctacttgt	tctttttgca	ggatcccatc	gattcgaatt	cggcacgagg	60
ccaagcctcg	gcctccactg	cacctgctgc	ggagtggcac	ctttgcctgc	aaggcccttc	120
taccccatgg	cccaatgtca	tcttaacaag	gtctttggcc	acttcaagaa	ggccttgtgg	180
tgggttgctc	aatctggcct	ttccttcatg	aaaaactact	gnttatgtcc	acagaccaag	240
aaggaactgt	cacgctggta	ccacaagtct	gacttgggct	atcaacagcc	agaaaaacta	300
gaggaatctt	atagattcca	gaactcagga	tacctcaagg	ataggtcaca	agcaagagta	360
caaaggaatc	ttcagtactg	aacaaaacag	aacctttcat	gatttgacaa	aggtcacttt	420
ctggttgctc	ggaccaagct	actccagatc	atctgaccaa	ctcttaaaaa	tcacgggagc	480
gcacantggc	tcatgcctgt	aatccagcac	tttgggaagc	anaagtggca	ggatcattnc	540
agcccangag	ttcaagacca	gctgggcaac	acagtgaagt	agaccctgtc	tctatttaag	600
aaaaaattat	taagaaattt	tattaaaaaa	gaagaatcag	gaaaccaagt	ncaaccaac	660
ttaacctaaa	tgaaccaacc	cctacacaga	tgangggatt	tgggactgat	aactctgggc	720
tgggtccatg	gcccgtcatt	atcaaggttg	aactttgtaa	aggggctttt	tttatgt	777

<210> 2638

<211> 777

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(777)

<223> n = A,T,C or G

<400> 2638

taananatnc	agctacttgt	tctttttgca	ggatcccatc	gattcgaatt	cggcacgagg	60
ccaagcctcg	gcctccactg	cacctgctgc	ggagtggcac	ctttgcctgc	aaggcccttc	120
taccccatgg	cccaatgtca	tcttaacaag	gtctttggcc	acttcaagaa	ggccttgtgg	180
tgggttgctc	aatctggcct	ttccttcatg	aaaaactact	gnttatgtcc	acagaccaag	240
aaggaactgt	cacgctggta	ccacaagtct	gacttgggct	atcaacagcc	agaaaaacta	300
gaggaatctt	atagattcca	gaactcagga	tacctcaagg	ataggtcaca	agcaagagta	360
caaaggaatc	ttcagtactg	aacaaaacag	aacctttcat	gatttgacaa	aggtcacttt	420
ctggttgctc	ggaccaagct	actccagatc	atctgaccaa	ctcttaaaaa	tcacgggagc	480
gcacantggc	tcatgcctgt	aatccagcac	tttgggaagc	anaagtggca	ggatcattnc	540
agcccangag	ttcaagacca	gctgggcaac	acagtgaagt	agaccctgtc	tctatttaag	600
aaaaaattat	taagaaattt	tattaaaaaa	gaagaatcag	gaaaccaagt	ncaaccaac	660
ttaacctaaa	tgaaccaacc	cctacacaga	tgangggatt	tgggactgat	aactctgggc	720
tgggtccatg	gcccgtcatt	atcaaggttg	aactttgtaa	aggggctttt	tttatgt	777

<210> 2639

<211> 779
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(779)
 <223> n = A,T,C or G

```
<400> 2639
nnnnnnnnnn nnnntntga aacccttttn aagccttttg naggaccctc gatcgaattc      60
ggcagcagga acagacaagt tctgtcccag cctctgttac ctctaaccctc atggcattct      120
atccttttct acactgggct tncattttct acccaacaat ggactggtct ttcaagggtc      180
tggcatttaa attcccaaan acttggnccct cttctgantt ggggacctcc ttcaaagntg      240
aattgcagtg agtgacaata aactgggcta aatacttatc ttgccagaag actcaaaggg      300
nttaaggctt ttactaactg aactctatgc tagaaggtaa ggataaaagg gtaacaggac      360
acaagtcttg cttaacttgc tatgggctgt caagccttat caaactaacc ctatctctct      420
tcacctctta tctttatcac ccgtagattc cttggtggcc actgggttct ttcaagcctt      480
aattagccct ttgncactac ctgnctacac atgctggttt tccgtctcat tccatcttga      540
cattggctat tttgaganct caacttaatt gcagaagaac tggcttcca tctggcaacc      600
cattatatgn ggcaaaagac catgttgnac catagagcta gaccangtgc catggtgggg      660
cttgnaaagn attcaccaac ttncaaaagt tacctaaatc cctttactca agaagcctaa      720
ntntactgga cagtgggaaa aataaccnt ttggnataan gnncccaaaa aaaagnaag      779
```

<210> 2640
 <211> 757
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(757)
 <223> n = A,T,C or G

```
<400> 2640
taaanatcag ctcttgttct ttgcggactt atcgatccna attcggcacg aggggtatttg      60
ttcttgaacc acaccggttc gatccatagag ttctcttttc tgctgggtcat gatggaaacg      120
tgatagtgtg ggatctggca agaggagtca aaatacgaac ttatttcaat atgattgaag      180
gccaaaggaca tggcgagta tttgactgca aatgctctcc tgatgggtcag cattttgcat      240
gcacagactc tcatggacat cttttaattt ttggcttttg gtccagtagc aaatatgaca      300
agatagcaga tcagatgttc ttccatagtg attatcgccc acttattcgt gatgccaaca      360
atthttgtatt agatgaacag actcagcaag cacctcatct tatgccttcc ccttttttgg      420
ttgatgttga tggtaaccct catccatcaa gatatacaag attagttcct ggccgtgaaa      480
attgcaggga ggagcaactc atccctcaaat gggagtactt cctcaggact gaatcaagtt      540
ttaagtccagc aagcaaacca ggagatcagc ccactggaca gcatgattca aagactacaa      600
caggacaaga cctgagacgt tcttggtgaa gcagggttaa taatccaccg ttaagtagan      660
gctccataag tctacctcaa aggtcattcc caccaacgta ggcttanacg tatggacaaa      720
ttgaagtgtc cgnaaatgcn cagaacgccc aagaagt      757
```

<210> 2641
 <211> 779
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(779)
 <223> n = A,T,C or G

```
<400> 2641
nnnnnnnnnn nnnntntga aacccttttn aagccttttg naggaccctc gatcgaattc      60
```

ggcacgagga	acagacaagt	tctgtcccag	cctctgttac	ctctaacc	atggcattct	120
atccttttct	acaactgggct	tncattttct	acccaacaat	ggactggtct	ttcaaggtgc	180
tggcatttaa	attcccaaan	acttggncct	cttctgantt	ggggacctcc	ttcaaagntg	240
aattgcagtg	agtgacaata	aactgggcta	aatacttata	ttgccagaag	actcaaaggg	300
nttaaggctt	ttactaactg	aactctatgc	tagaaggtaa	ggataaaagg	gtaacaggac	360
acaagtcttg	cttaacttgc	tatgggctgt	caagccttat	caaactaacc	ctatctctct	420
tcacctctta	tctttatcac	ccgtagattc	cttgggtggc	actgggttct	ttcaagcctt	480
aattagccct	ttgncactac	ctgnctacac	atgctggttt	tccgtctcat	tccatcttga	540
cattggctat	tttgaganct	caacttaatt	gcagaagaac	tggcttccca	tctggcaacc	600
cattatagtn	ggcaaaaagac	catgttgnac	catagagcta	gaccangtgc	catggtgggg	660
cttgnaaagn	attcaccaac	ttncaaaagg	tacctaatac	cctttactca	agaagcctaa	720
ntntactgga	cagtgggaaa	aataaccnt	ttggnataan	gnncccaaaa	aaaagnaag	779

<210> 2642
 <211> 764
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(764)
 <223> n = A,T,C or G

<400> 2642						
naatngcnag	ctctngttct	tttncggatt	annaagcctt	agcaggcnng	gaagatgaaa	60
ggtagccgga	tgcagctggg	agatgtgaca	ccacacaata	ttaaacagtt	tnaaagattg	120
aatcaggtca	tctttccagt	cagctacaat	gacaagtcta	caaggatgtg	ctggaggttg	180
gcgagctagc	aaaacttgcc	tatttcaatg	atattgctgt	aggtgcagta	tgctgtaggg	240
tggatcattc	acagaatcag	aagagacttt	acatcatgac	actaggatgt	ctggcacctt	300
acccgaaggc	taggaatagg	aactaaaatg	ttaaatacatg	tcttaaacat	ctgtgaaaaa	360
gatggtcttt	tgacaacatt	tatctgcatg	tccagatcag	caatgagtcg	gcaattgact	420
tctacaggaa	gtttggcttt	gagattattg	agacaaagaa	gaactactat	aagaggatag	480
acccgcagat	gtcctatgtc	tgacagaaaa	cctcaaagtt	ccttctggca	gaatgcagat	540
gtgcaaaaaga	cagacactga	caaattacaa	atgaactttc	ttgcacttgc	ttgtcgccca	600
ataaaaagaga	ngcccattga	ttcttcccca	ccccaaaaaa	aaaaaaaaann	nnnnnnnnnn	660
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	annnnnnccc	nnnnnnnnnn	nnnnnnnnnn	720
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	764

<210> 2643
 <211> 788
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(788)
 <223> n = A,T,C or G

<400> 2643						
gnntttgata	ccctttttga	ntgccttttg	caggacnctc	gttcgaattc	ggcacgaggg	60
aacgcagctg	ctcaccagca	acggaacaaa	gctggacnga	gaatgacttt	gaagagctga	120
gagaagggct	tcagaccgat	caaattactc	tgagcttacg	gggagggcca	ttcaaaccac	180
agggcaaaaga	agattttgaaa	actttgaaaa	aaataaatgg	tcattaatta	aacgtggaaa	240
tctggtgaac	aagtaacaaa	ctttggtgaa	atttcaggac	catagccatt	gaagtggatg	300
agggaacctat	tatcatgcac	tcaacaatgg	tctttttacc	ctgggagctt	cacacaaaga	360
agaatcgccc	tgaaccttgg	ctatggaaaa	taccttagta	taaattcaga	tgaacttggt	420
gttggcgctt	agatgcaatt	ggccaagaga	acaatgggaa	ccagtctttc	aaaatgatgg	480
ccatncagta	atgagaatga	acagtcttca	actaaaggca	acaatntaga	tgaatctcgg	540
aaacatgata	ttgaccaaga	cagaaaagat	tcacttacat	aaacttcaaa	agaagataaa	600
actgatctat	gacattaata	gtcagaatat	tcattatcct	tgaggggaact	aaactgggaa	660
gccncatgat	agggcatttt	ggaagctagt	aatgncctct	ttcttgatct	ggtacattgg	720

780
788

```
<220>
<221> misc_feature
<222> (1)...(800)
<223> n = A,T,C or G
```

```
<210> 2645
<211> 804
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (1)...(804)
<223> n = A,T,C or G
```

```
<210> 2646
<211> 779
<212> DNA
<213> Homo sapiens
```

579

<221> misc_feature
 <222> (1)...(779)
 <223> n = A,T,C or G

```
<400> 2646
gnnttttnaa nnnnnncagt ntactngtng tttttgcagg atcctatcga ttcgaattcg      60
gcacgagcga gttttttttt tttttttttc ttcctctctt tctctcttcc ttcctccttc      120
cnttctcccg ttcttcccc cccntttttt tggmannagg gttttttttt ngtgncnagg      180
nctggagtca agggnccaan tnccngttaa tngaaccntg acntcnnggg ccnangnaat      240
ccttttaact taancntcnn gnaaacnngg nccnngggcc catncaacaa aaccaagtta      300
ngattttttt tttttaaaat ttttgagcaa cagggggatc tcctggggtg gcccaaattg      360
gcttaaaact cctggcttna aatggatcct ccggcntaag cctnccaaag gctaggattn      420
taagcntaag ccaccacacc cagcccatc tttataatta ctttatgggt caaagcagct      480
tanggttact ggnaaattgn gaagaaattn ccgagttcca catctnccaa ctttgcatct      540
ttacatgact ggntttctct attctataac ctaataagca tgcttttctt accttntctac      600
tgaacttttt actaatatat tatctaattg aaatgagcat acccagtnca tttactagaa      660
ttagatgtgg gactcagaaa taaatctgca ggttggtttg gaccaactnt gggaaaagct      720
acctcaaatt tgtggagggc caaagnttgc atttgcntcn tactggaaca nggggagna      779
```

<210> 2647
 <211> 793
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(793)
 <223> n = A,T,C or G

```
<400> 2647
agctcttggt cttttgcagg atcctatcga ttcgcatnng gcacgagaaa tattntgata      60
ctgtaccctg tgctgctgcc atgtgtgtgc ttaaaacagg gttccttttt gtagcatcaa      120
gaatttgagg aaaccattct ttatatcaa attggcncat ctttgggang aatgaatgaa      180
tgaaagaacc ctggagtttt caatcaacc atgccctctt ggaaagaagg gagaacncat      240
ttcttttttt caaccctaa aaccacttta aaaaccttgg tgctgggttg atgaagtgtg      300
gacaagcctc ttctcccat ctggtttgcc agatagctga tctggccaat gaagatctcc      360
acagttgtat gtggcctgtg gtaggggacc ccgatcatct ctgagaagtc ctaagacatg      420
gacttgangt gtcagaaatg gctggttctg agctacctgg taccccaacg cttgtctgga      480
cagtgcgtcg acacattgaa gatgagtttg atgcctacat cattgggtct ttcgtgaatg      540
ccaccctaatt gttgtccatt ggagaaactg tagaagaagt gactgactct nggttctctg      600
ggaccacccc gacttggcct gctnctatt aggagatgat gccttgggtg aggctatnca      660
natgnattng gnacatacna gccgacaaga aagtcaatga atggnaaaac cctggaagaa      720
aacaattgtg aantgtgcaa tgaaccanc gaccagtggg gaatggcctt acaggangaa      780
aactggtntn ttt                                     793
```

<210> 2648
 <211> 843
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(843)
 <223> n = A,T,C or G

```
<400> 2648
tatnnnatnc agctcttggt cttttgcgg atccctcgat tcgaattcgg cagcaggaaa      60
gaccgagata gagagagaga cagagacaga gagcgagacc cgtggttccg ggcagagaa      120
aggaggaacc cccccngang anganganga nganggganc cgtgattcac cagtcccttc      180
caccaaagtg tttttcaacc agccgattga aagaaccgat tccaggattc caggggaatt      240
ttgccnngaa aagggaaggt nttgaaccgt naccaagaag caaagttcga ggaaaaaaag      300
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gaaagaaccg	accatttgag	gaaaaggacc	gaccaccagg	ggagaaagaa	ggaaacccag	360
acnttaagtc	ttcttcgaaa	gttattagta	gacgtcgcca	tgaaagttga	agaaaggaga	420
ttgtcacagg	agaccaaacc	cnaaaaatct	aaaagaagcn	aagaagggaa	agaagcnggc	480
agtgagcctt	gcccttgaca	ggagagcccc	gaaactncac	cttgcagaat	agcatgggtt	540
tngccttttg	tgatatattag	taccagaagt	agatactatn	aatcttggta	tttttctgga	600
taatgtttaa	gaaatttacc	ttaaatcttg	gtctggtttg	gtagtatgaa	aagttaactt	660
ttttttccaa	attaaagagt	gaatttttca	ttgttaagtt	naaaatcttt	gncttgnct	720
atttcaaaaa	ttaaagacc	gcaatgactt	tntnttccaa	aaaaaaaaaa	aaaaaactng	780
ggcctttaa	cttttgtgag	tcgtnttacg	tanatccnga	cttgtttaga	tccttggttg	840
agt						843

<210> 2649

<211> 775

<212> DNA

<213> Homo sapiens

<220>

<221> .misc_feature

<222> (1)...(775)

<223> n = A,T,C or G

<400> 2649

tanacancag	ctcttgttct	ttttgcagga	tcccatcgat	tcgaattcgg	cacgaggggg	60
cggaggcggg	agaggcgagc	tcgcatgag	tggtctcggc	aggctcttcg	ggaaggggaa	120
gaaggagaaa	gggccaaccc	ctgaagaagc	aatacagaaa	ctgaaggaga	cagagaagat	180
actgatcaag	aaacaggaat	ttttggagca	gaagattcaa	caggagctac	aaacagccaa	240
gaagtatggg	accaagaata	agagagctgc	cctacaggct	ttgcggagga	agaaaagatt	300
cgaacagcag	ctggcacaaa	ctgacgggac	attatccacc	ctggagtttc	agcgtgaggc	360
cattgagaat	gccactacca	atgcagaagt	ccttcgtacc	atggagcttg	ctgcccaaag	420
catgaagaag	gcctaccagg	acatggacat	tgacaaggta	gatgaactga	tgactgacat	480
cacggaacaa	caggaggtgg	cccagcagat	ctcagatgcc	atttctcggc	ctatgggctt	540
tagagatgat	gtggatgagg	atgaactgct	ggaggagcta	gaggagctgg	agcaggagga	600
attggcccag	gagttgttaa	atgtgggcga	caaggaagaa	gaaccctcag	tcaaattgcc	660
tagtgtacct	tctactcatc	tgccggcagg	gccagcttcc	aaagtggatg	aagatgaaga	720
acactaaagc	agttggctga	atgggtatcc	tgataaatct	gggcttgtct	tncta	775

<210> 2650

<211> 879

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(879)

<223> n = A,T,C or G

<400> 2650

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atcccatcga	ttcgaattcg	gcacgaggtt	gtattggaaa	gcagtagtgt	ggacgaattg	120
cgagagaact	tagtggaat	cagtgggatt	cctttggatg	atattgaatt	tgctaagggt	180
agaggancat	ttccctgtgg	atattctggt	ccttngntnt	tcattccanga	atttaanaac	240
tgggaattcc	taaaagtttt	cttaccctt	gaaatggctn	tgggcccctc	tttttaataa	300
tcctgggtga	atggaatggg	ttgcccgtt	ccantaattt	tttaattang	ggggatttaa	360
aaaaccaaga	aangnaaatt	ttaaatnggg	aaaatttggg	accaggaatg	gaagcccaaa	420
angaaaaatt	ggaaacctgg	gattgnaaaa	aaaanggaaa	aagnccagtt	ccgaactttc	480
ccagaaaaga	acntggggac	canttcgggg	gttaaccant	accttcaacc	ntcgggttaa	540
aggaggaaaa	ggccacctta	aaaaaantat	tantcttggg	attggaagcc	accccaaant	600
taaaggaatc	tggacntcaa	ggactggacc	tctggatagg	tggtagccat	tttnccctgg	660
ggggaagttt	ttggttttaa	ttagatggnt	cacttccact	gggtagtgcc	attttggnc	720
ggacatggtt	ggggtaccca	tgacccacac	tgatggactg	cctaccatc	agaactcatg	780
cccaatggcc	ctggtttgac	tcggatcatg	ttggcctata	gtcaaagtgc	tgtaatgtaa	840

anggatgtgc aaaaataaaa aaaccccaaa aagctccna

879

<210> 2651
<211> 705
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(705)
<223> n = A,T,C or G

<400> 2651
cagctcttgc ntttatgccg atccctcgat tcgaattcgg cagcaggaga cgtcgtctct 60
acaaaaaata aaattagcca ggcgatgatg cctgtacctg tagtcccagc tactcaggag 120
gttgataggg gaggatcacc tgagcctgag aggtcgaggt tgcagcaagc caagatcatg 180
ccactgtact tcagcctggg cgatagagac cctgactcaa aacaaagaag acccagtaca 240
agttcagtgt tgagtgctaa agacttaaaa gagttataaa gctgaaccct taatcttaag 300
aggtttataa gtgagaacaa gaatctccaa atcctgtact gtttaatatc agcatgagac 360
taaaccactg tcctaagaag acaaccttaa ttgaatcaa gttattttag agtgatgtgt 420
tttctgaggg agctctcaga angttattgt ctgggtgtta aatagtgaag ttgagtaata 480
acaaggttaa aatcgggtga cattaaatac acacaagact tcaattgctg ggctcctccat 540
tgattaatga aaaaatgatt gtttttggaa ttgagtgaa acacttctta atggctgagt 600
anggtggctt acgcctgtaa tcccaccact ttgggatcac ttgaggccg ggacttttga 660
gaccagcttg gncaacatga ggaaagcacg tcttttctaaa aatcn 705

<210> 2652
<211> 709
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(709)
<223> n = A,T,C or G

<400> 2652
ttnaatcatg ctcttggttc naancgntgn catcgattcg aattcgcacg aggtgggtctt 60
cagtctgtcg tgcaccgatg agaactctcc ttattgctgt gaagggcaga caatgcatgg 120
ctgatctact ctgttaccaa tggctttact agtgacacgt cccccggtct aggatcgaaa 180
tgtaaacacc gggagctctc cagggccacc acccggagag acgtcgcgct gtggcctgaa 240
gtggcgcaag cttgctttgt aaatatctgt ggtcccgatg tagtgcccag aacgtttgtg 300
cgaggcagct ctgcgcccgg gttccagccc gagcctcgcc gggtcgcgct ttcggagtgc 360
ttgtgacagt ccttgcccag tatctagtcc ccgtcgcccc gtgcaggaga cgtaggtagg 420
acgtcgtgtc agctgtgcac tgacggccag tctccgagct gtgcgtttgt atcgccactg 480
tattttgtgta ctttaacaat cgtgtaaata ataaattcat aatgacttct acctttaaaa 540
aaaaaaaa nnntnnnnnn nnnnnnnnnn nnnnnngnnn nnnnnnnnnn naaaaaaaa 600
cctngnnaac nggatgccac cctgggccna cgaattttcc tgccaatgtt gctcactnng 660
gggacnnctt ggaaggactn ttttggggnc ccncanaatt aaaccttgn 709

<210> 2653
<211> 740
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(740)
<223> n = A,T,C or G

<400> 2653

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ggagaagctg	accttggacc	tgacggtgct	cctgggtgtg	ctgcaggggc	aacagcagag	120
cctacagcag	ggggcacact	ccaccggctc	cagccgctg	cacgacctct	actggcaggc	180
catgaaaacc	ctgggagtc	agcgcccaa	gttgagaga	aaggatgcca	aggagatccc	240
cagtgccacc	cagagcccca	tcagtaagaa	gcggaagaaa	aagggtattct	tgccagagac	300
gaagaagcgc	aagaaacgca	agtcagagga	tggcacgcca	gcggaggatg	gcacacctgc	360
agccaccggc	gggagccagc	ccccagcat	gggcaggaag	aagaggaaca	ggacaaaggc	420
taaggtccca	gcccaggcaa	acgggacgcc	aaccaccaag	agtcagccc	ctggcgcccc	480
cacccgagc	cccagcacc	ctgccaaatc	ccaaaactt	gcagaagaaa	aaccagaagc	540
cgtncagggt	gaatggtgct	cccgggtccc	ccacggaacc	ttgcaggcca	aaagcagcat	600
cagaaggctc	ttccaaaaa	gggggtcttt	gggcaaatca	ccacttgctc	cgcgcttggc	660
accggaaaaa	nggcaagggc	ttgtcttttg	gtcattcang	gagttccagc	cctgcnttca	720
aaaatggggg	cccaaanaat					740

<210> 2654

<211> 780

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(780)

<223> n = A,T,C or G

<400> 2654

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gtatgaccgt	tcctatctca	gatcttaata	aaaagaaaaa	aaaaacgcat	tcagggttaa	180
tttggcctta	atttaataata	cttggttagca	agcgtgtgtg	acagagagtg	gggaaagcta	240
catcattgaa	tattttgata	aactttaccg	acttgagttt	ggtttatttt	tcctttttcc	300
taaattaact	agcactgact	gtaattttatt	tcctgttttc	acgtctctcc	cttccattct	360
gcaggagttt	tagctatttg	agatcgtgga	ccatcagttt	tgcacttttag	agagtgtttc	420
tgactctaaa	cctgtttttat	cagaaaattt	gttttttctt	gatcttagct	ggaaaaatct	480
gccaaactta	cacagtattt	acttggtttt	gacccacaga	atatagcacg	ttgtgcaaac	540
tgctgattca	gcgaaactta	naaaagacaa	gaaactactg	aggagcttag	taactgctgt	600
ttctgtacgt	agtgtttaat	cttccaagca	catctagtgt	ctgtcagttt	ctaattggca	660
tgtgtaggtc	gctctgtgac	tgaagaattt	tcaaacacgc	tttacaccct	tcaggaaaaa	720
atcccttggtg	attggatggt	tactatcngc	cnngaaactg	gtactcaaga	tggtngaacg	780

<210> 2655

<211> 742

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(742)

<223> n = A,T,C or G

<400> 2655

ntttgaaacc	ctttgttact	tgtncttttt	gcaggatccc	tcgattcggt	tcagcccttt	60
gccgccaggc	ccaaagggtg	aaagtgattt	ggaagagnaa	gagcttttcg	tccaccagaa	120
aaattggtcc	naaattaanc	ttgnaaggga	ngnaatttgg	gaanttgcg	caaggcnaaa	180
agcnttactt	ttanngnttt	aatcaantan	gnttgccct	tcngaaagt	aaattttaat	240
ggcttaaagg	ggttancagn	cccaanaaag	ggttnngggg	agcaantccc	agccncancc	300
agggccagtt	aaggcctttg	gtgaactgtg	ctattagggc	ccagcttccg	gtaccctgta	360
ggttcccaag	gcctggctta	agcagatcct	tgatcgatat	accttgagan	cagaagggtgc	420
tcnaatnac	accgtccaat	aggggatcta	ggacaatctt	ggagatccat	gccttgctgt	480
gttgctgatt	cttactgggg	actgtagatg	aaagggtgaa	agatnactta	gcacatcttn	540
aaactatggg	aagncattct	ttctgcttgt	angatttgtc	ntgttttggg	aanctttaaa	600
cgtggntnaa	ccctatgttn	ggaattatct	gctttatggn	agcaataccc	tnntttaaga	660

atttgaattn anccccgaaag ttatggccgg taacttaaatt tggttaaacc tgggcttata 720
 accccaaggc ccgggttcaa cn 742

<210> 2656
 <211> 786
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(786)
 <223> n = A,T,C or G

<400> 2656
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 ctggctgctt ctgggtggcta tgtgaacatc atcaaaatat tactaaatgc aggagctgag 180
 attaactcta gaactggtag caaattgggc atctctctc tgatgttagc agctatgaat 240
 gggcatacag ctgctgttaa gctcctgtta gacatgggct ctgacataaa tgctcagata 300
 gaaaccaatc ggaacactgc cttacttta gcttgcctcc aaggaagaac tgaagtgggt 360
 agtcttctgc ttgatagaaa agcaaattgt gaacacagag ctaagactgg tctcacacca 420
 ctaatggaag ctgcctctgg tggatatgctg gaggtgggcc gagttctttt ggataaagg 480
 gctgatgtta atgcccctcc agttccctcc tcaagagata cagctttaac catagcagca 540
 gataaagggc attacaaatt ctgtgagctt cttattggca ggggagctca tattgatgta 600
 cgtaacaaga aggggaacac tccattgtgg cttagcagca atggtggaca cctcgatgtg 660
 gttcagttac tgggtgcaaa cagggtgcaga tgtggatgca gcagataacc gcaagataac 720
 tcctcttatg gcagcattta gaaagggtca tgttgaangt ggggtgcgct actttagtca 780
 aagaan 786

<210> 2657
 <211> 807
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(807)
 <223> n = A,T,C or G

<400> 2657
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 ccacttncgg cgtngccatg gnggcgnaac actactantt cccgtcgag ctinctgccg 120
 nagagcctgt ggacaantgt ataggatcaa gaattcacat ccngatgaac agtgatnang 180
 aaatngntgg tactctccta cgatntgatg actttgnnnn tatggtntctg gaangtnn 240
 ctgagnttga aatcacaccn catgaanaan gatgctaaat tanancacat ntngctnaat 300
 ggaaataata taacaatgct ggttcctgga gganannagc ctganntgtg aatgagttnc 360
 cttgacttac actagatttt gttttggctt atnatgacaa naaaatggga tttttttcc 420
 cactttctaa tgnntaaatc ccatanagct aagttncceg nttaagggaa gtgctntgaa 480
 gatgtgtacc catcnttgn agttaancat gattatcctg gaaaaagaan aaaatanctt 540
 cttctttgca gatgaaaata aaggtgtttt tgggttaactg tcnaanaann nnnantgccc 600
 tnaaaaagag ttgnnggggg gcntgactct tataaaatgg atttaatnaa actgtncnan 660
 angcctcccc cccttaaaan ntttggggcg tgtntttccc ttangncccc caaaannntn 720
 mnannccctt tntgggattt tnggcccaaa cccccccctt tgaaagggnn gggaaaaaaa 780
 cttntttttt tttgggaaaa tttgtgn 807

<210> 2658
 <211> 777
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(777)
 <223> n = A,T,C or G

<400> 2658
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 ggtgcacacc accacaccca actagttttt tgtgttttta gtagagatgg ggtttcatga 120
 tgttggccaa gctggctctg agctcctgac ccaggtgat ccaccacct cggcctcca 180
 ggggtgctgga attataggcg tgagccactg cgcacggcct ggggagggtt tatttcttga 240
 caaagggtatt tgatactcgt gcagaccctg gaggtgtctca ctggagagac aacatttagg 300
 ctgagatctg attaacagga ggcagctgca gtgcagaggt caaaagggag ggtgttccag 360
 gcagagaaaa cagcctgtgc aaaggccctg aggcagaaac aaactctact tgaggtcagc 420
 ctggttagaa aaccaactc aaaatagaaa gtattacatg ataaggtctg agatcagaac 480
 ccaagtctgc acttcttagt caggttctcc ctgtagtgtt aagcccagag acctgagctg 540
 ttaacctaga acagtgtgct tcctaagcct taatgtgcat acccatcgcc tggagctcgc 600
 cttaagatgt aggtctgtcc tgaagcccaa gttcatttag tatgtcatgg ttaattcaga 660
 gtaaaatcaa gagtttagtac ttgatttatg cttgggtatat aaagaaagag acaacttcac 720
 tgnatgatca ttttgtcact tttcaaaagc atttaattcc attcaattgg aaatgtg 777

<210> 2659
 <211> 774
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(774)
 <223> n = A,T,C or G

<400> 2659
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 tcctctacct tatgatataa tagtcgatcc aatgtgtgga actggggcaa taccaataga 180
 gggggccact gaatggctctg actgcttcca tattgtggt gataataatc cactggctgt 240
 gaatagagca gcaaataaca ttgcattctt attgaccaag agccaaatta aagaaggcaa 300
 accctcctgg ggcttgccca tagatgctgt tcagtgggat atctgcaatc tgccattgag 360
 aactggctct gtggatatta ttgtaacaga tttgccattt ggaaaaagga tgggatccaa 420
 gaaaagaaac tggaaacctt atccagcttg cctacgggag atgagccgtg tctgcacacc 480
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 tggaatgcga cacgtatggc gaaaggtgga tacagtctgg gtgaacgttg gtggtcttgc 600
 tgctgcagtt tacgttctga tacgtacacc tcaagctttt gttcatcctt cagaacaaga 660
 cggagaaaaga ggaactcttt ggcaatgcaa agaataaga tgactaatag tacttgnact 720
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<210> 2660
 <211> 815
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(815)
 <223> n = A,T,C or G

<400> 2660
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 gcccaaaaga aaggctgcag gtcaagggtga tatgaggcag gagccaaaga gaagatctgc 180
 caggttgtct gctatgcttg tgccagttac accagaagtg aagcctaataa gaacatcaag 240
 ttcaaggaaa atgaagacna aaagtgatg gatggaagaa aacatngatt cnagtgcccn 300
 ancnnntgnt nnaacccanc cagaagccat tngtnnanaa ganntccatn gaaannnnta 360

aaantggaga	agccaaantt	ncagaggcac	cagcttntga	aaaagaantt	gtggaagtaa	420
aagagggaan	tattgaanat	gccacagaaa	agggaggaga	aangaaagaa	gcagtggcag	480
cagaagtaaa	aatgaagaa	gaagatcaga	angaagatga	ngaagatcaa	aacgaagana	540
agggaaactc	tggaananaa	cacagatntg	aaaaggngga	aaaatatgga	anaggggtta	600
aatgnggatg	tgaaaaggga	aaatangcaa	gagananaga	atttggaaaa	aangngtgaa	660
ccnggaaaag	gggatttngg	aaaatttttg	aaaaaaaaan	nnnnnnnnnn	nnnnnnnnnn	720
nnnnnnnnaa	aaaaaaaaacg	cccttttaaa	nacnttttgg	gggggntcnt	tttttcccg	780
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<210> 2661

<211> 815

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(815)

<223> n = A,T,C or G

<400> 2661

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gcccaaaaaga	aaggctgcag	gtcaagggtga	tatgaggcag	gagccaaaga	gaagatctgc	180
caggttgctc	gctatgcttg	tgccagttac	accagaagtg	aagcctaaaa	gaacatcaag	240
ttcaaggaaa	atgaagacna	aaagtgatat	gatggaagaa	aacatngatt	cnagtgcccn	300
ancnnttgnt	nnaacccanc	cagaagccat	tngtnnanaa	ganntccatn	gaaannnnta	360
aaantggaga	agccaaantt	ncagaggcac	cagcttntga	aaaagaantt	gtggaagtaa	420
aagagggaan	tattgaanat	gccacagaaa	agggaggaga	aangaaagaa	gcagtggcag	480
cagaagtaaa	aatgaagaa	gaagatcaga	angaagatga	ngaagatcaa	aacgaagana	540
agggaaactc	tggaananaa	cacagatntg	aaaaggngga	aaaatatgga	anaggggtta	600
aatgnggatg	tgaaaaggga	aaatangcaa	gagananaga	atttggaaaa	aangngtgaa	660
ccnggaaaag	gggatttngg	aaaatttttg	aaaaaaaaan	nnnnnnnnnn	nnnnnnnnnn	720
nnnnnnnnaa	aaaaaaaaacg	cccttttaaa	nacnttttgg	gggggntcnt	tttttcccg	780
aannccccca	nacctttgan	taangaatnc	cnttc			815

<210> 2662

<211> 805

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(805)

<223> n = A,T,C or G

<400> 2662

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ctgagatcgt	gccactgcac	cccagcttgg	gcaacagagc	aaaactctgt	ctttaaaaaa	180
aaaaaaca	aaaaccaa	aaacaaaca	aaaaaacctt	atatgggctg	ggctgggctg	240
ggtgccttat	gcccacaatc	ccagcatttt	gggaggccag	gatgggagga	tcacttgagc	300
ccagaagttt	gagaccagcc	tgggctacag	agtaaggccc	catntctaca	aaaaaacctt	360
aaaaattagc	caggtgtggt	ggcacgcact	gtgggtccag	ctgtaccaga	ggctgaanca	420
ggaggatccc	ttgagccan	naggtcaagg	ctgcagttag	ccatatctac	accactgcac	480
tccagcctgg	gcaacagcct	gtctcaaaaa	ctaaactaaa	aaccttatat	gttnttgtaa	540
gaatnaaatt	agatatata	aaagaggggc	cgggcagggg	ggctcacgcc	tgtaatccca	600
gcactttggg	angctganc	aggtgaatta	cttgaggtca	tngagttccg	agaccagcct	660
gaccaacatg	ngaaaaaccc	tgtctatact	aaaatntaca	aaaatcagtc	tancgttggn	720
nggtgggcgc	cttgtaattc	ccanctatct	tggcaggctn	angcaangat	aattgnttcn	780
atccccggaa	ggcaataggt	ttccc				805

<210> 2663
 <211> 778
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(778)
 <223> n = A,T,C or G

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<400> 2663
tcaacagctg gctactcgtn ctntntgcag gcatcccatc gattcgaatt cggcagcaga      60
gttttcctgt gattagtgtt tttggtgttg ttttattttt tttcttacag gaactcttgc      120
aagaagaaag gactatgagt tcaactttag agggagccat ggggactaaa caaaattctg      180
aggcccccctc aaccatctaa atggacttcc ttctgggcca ggacactcga aaattaaacc      240
tgaaagactg gttcaggcca tgatgggaag tgggagtcga acatgcctca tcataccctc      300
cagcatatca atcaacacag accttaaggc tgataagaag catttacaat ctattctctc      360
tgaagtcttc tacctggagg cttcatctgc atgataaaac tttggtctcc acaacctctt      420
acaaccaggc cattcctttc tategataat tactctttca accaattgcc aatcagaaaa      480
ttgttatatc tacctataat ctagaagccc ccacatcaag ttgttttgcc tttctggaca      540
ggaccaatgt atatcttaaa tgtatntgat tgatctctca tgtctcccta aaatgtataa      600
aaccacgctg ttccccgacc acctggagca catgttctca gggctctcctg anggctgtgc      660
acaggccatg ttcacttaca tttggctcag aataaatctc ttcanataan aaaaaanccc      720
ccnccncccc cccccnacc cacaaaaaac ctngccctt taaaactttn gngggncg      778
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<210> 2664
 <211> 961
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(961)
 <223> n = A,T,C or G

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<400> 2664
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attccaaata tgagatgcat tgttacagga agtcccttgc catcctaaaa gccacccac      120
ttctctctaa ggagaatggc ccagtcctct cccaagtcca cacaggggag gtgatagcat      180
tacataattt acacgaaagc aatgctatca cctnncnagn gtggacttgg gagngggnng      240
cttngnttnc nnttgagtga tgannentcn nnnncncnt ncctcttnt tngnccnna      300
ncttgcattn nttnnnngctt cncntncnt nngaccgnnn ngnnnncnnc cenncttcc      360
nntncnnnt. tntncnnnc cnnntnnacn nacnncccn cttannnnn ccnncnnnn      420
nccnnnnnnc cennnnnnnc cennnnnnnc tncctnnnn cctctnnncn nannnnnnnt      480
nnntncnnnn nnctnnnnnn ncnnnnnntc nnnnnnnnnn nccnnnnnnn nnnncnnnn      540
ncnntnnnnn cnnncnnncn ncnnnnntc nncnnnnnnn cnnnnnnnnn nnnnnnnnn      600
nnnnntcnnn ncnnnnnnnn nnnnnnnnnn nannnnncnt nnnncnnnnn cccnncnnnn      660
nnnnnnnnnn nntcnnnnnn nnnnnnnnnn ncnnnnnnnn ncnnnnnnnn nctcnnnnnn      720
nannnnnnnn nnnnnnnnnc nnnncnnntn nntncnnnnn ncnnnnnnnn nncncccnnn      780
tnntcnnnnn nnnncnncn nctnnnnntc nntntnttcc ncttctntt nccnncnnnn      840
tctnttctn nnnctntctn cnncccnnc tatecnatnn tncntcntnn cctcnncc      900
ncnnntnnn ctcnncatc ntcnncatc tnnctcenn annttncnt nttcccccc      960
g
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<210> 2665
 <211> 790
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1)...(790)
 <223> n = A,T,C or G

<400> 2665
 aattttcaag ctcttgtttt ttatgcagga tcccatcgat tcgctggtct ccaacctggt 60
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 agctaccgag cccggcctat ttacttttct tactaagctg gggatcaccg tcgccctcgg 180
 cttggcagga aggcgggggt gcaagaagaa aagaggtaca gaacaccag aggtgccctc 240
 gattccgtct tgcacttgcc cttctccac cgtccagcaa taaagcgaga gaaacaagt 300
 caggaaactg gccggcagtc atgggagaag ccaaaaagac aggagttagg tggcatgacc 360
 agggctcact gcaaccttga tctgggctca agtgatcctc ctacctcaac ttcttgagta 420
 gctaggacca cagggtgtgca ccaaccacac ccgactaatt tttgtagaga tgagatccca 480
 ctatgttacc caggctggtc ttgaactcct gggctcaagt gatcatcctg ccttggtctt 540
 ccaaagtact gggattatan gcttgagcca cccgtgctg gcctgtgac aaaattctca 600
 tttttttagt cactaaaaat gctggggggc actccattct ncattatgtg attagttcac 660
 attgcatgct tgtatcaaaa cattatatnt tccccncaa attntncca aaaactttta 720
 aattttaagt atttaattgg ttcaggaaaa aaataaaatg ctgggggggc tgaaatctca 780
 angggcccat 790

<210> 2666
 <211> 779
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(779)
 <223> n = A,T,C or G

<400> 2666
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 ttgtgcatca cttggtcacc attgggctta tctccttctn ctacatcaac aatatgggtc 120
 gagtgggaac tctgatcatg tgtctacatg atgtctcaga tttcttgctg gaggcagcca 180
 aactggccaa ttatgccaaag tatcagcggc tctgtgacac cctttttgtg atcttcagt 240
 ctgtttttat gggttacacga ctaggaaatct atccattctg gattctgaac acnacctct 300
 ttgagagtgt ggagataatc gggccttatg cttcatgggt gctcctcaat ggctgctgc 360
 tgacctaca gcttctgcat gtcactggt cctacctaat tgacaggatt gctttgaaag 420
 ccttgatcag gggaaaggtg tcgaaggatg atgcagtgat tgtggagagc agctcaaagg 480
 aagaagatgt gaccacctgc acaaaaagtc cctgtgacag tagctccagc aatggtgcca 540
 atcggtgtaa tgggtcacatg ggaggcanct actgggctga anantaaggt ggttgctata 600
 gggacttcag cacacatgga cttgtanggc cctggcaaca tactcctctt ggcccttcca 660
 tatctactct tntgtgaatg ggagactgca angcactgan ggagtatcaa aagaagcaaa 720
 ttttttact tttgaaagaa aactgncatt ttgtntttaa tagcctcaa gttcntttt 779

<210> 2667
 <211> 750
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(750)
 <223> n = A,T,C or G

<400> 2667
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 gttctgatgc ccttggtgaa cgtgctgggg tttgactgg gggcggggac cgccttgctc 180
 gggaaggaag gtgccatggc ctgcaccgtg gcggtggaag agagcatagc acatcactac 240
 aacaaccaga tcaggacgct gatggaggag gaccctgaaa aatacgagga acttcttcag 300
 ctgataaaga aatttcggga tgaagagctt gagcaccatg acatangcct cgaccatgat 360

gcgaattgg	ctccagccta	tgccgtcctg	aagagcatta	tccaggccgg	atgcagagtg	420
gcgatatatt	tatcagaaag	attataaagt	gtgtccagtt	ttgcctgtct	ataaaagatg	480
atagtaattt	accaagtgac	atttgcagag	aaacagggtg	acagttatcg	ttgtactttt	540
gtacaatgtg	aattttgtta	ataaattatn	agggttgggt	tttttttnaa	aanangaana	600
nnnnnnnanga	aaactcgagc	ctctaaaact	atagtgaagc	gtntacgtaa	tcngacatga	660
taaaaacatt	gntgatttgg	caaccacact	ngaatgcatg	aaaaatgctt	atttngaatt	720
gngatntntg	ttattgacca	tatactgata				750

<210> 2668
 <211> 820
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(820)
 <223> n = A,T,C or G

<400> 2668						
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ttctttaata	ccaagtactt	cctattgaag	acagtggacc	agcacatgaa	gctggccttc	180
tccaaggtct	tgcgacagac	aaagaagaac	ccctctaate	ccaaggataa	aagcacgagt	240
atccgggtact	tgaaggccct	tggaatacac	cagactggcc	agaaagttac	agatgacatg	300
tatgcagaac	agacggaaaa	tccagagaat	ccattgagat	gtcccatcaa	gctctatgat	360
ttctacctct	tcaaattgcc	ccanagtgtg	aaaggccgga	atgacacctt	ttacctgaca	420
cctgagccag	tgggtggccc	caacagccca	atctggtact	cagtccagcc	tatcagcaga	480
gagcagatgg	gacaaatgct	gacgcggtac	ctgggtgataa	gagaaattca	ggangccatc	540
gcagtggcca	atgcaagcac	tatgcactga	gatgccttgg	ccatggcaca	aagagaaaacc	600
agccaggaaa	aaccagacag	actttcacac	taaagaagaa	gccctccatt	tttttttttt	660
ctttttttta	ttggggggag	tttacnaaac	ctttcaaggt	tgttttttgt	ttnaaaatat	720
taaaaagaaa	acnttttaaaa	aaaaaaaaaa	aaaaaaactt	ggagcccttt	taaaactatt	780
agtgggggtcg	tnntaccnta	aaatnccana	cttgataaan			820

<210> 2669
 <211> 789
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(789)
 <223> n = A,T,C or G

<400> 2669						
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gccccagccc	aggtggccaa	gcccatoctg	gcctcagaac	atgctgagca	cattttttag	120
ggtggcacct	ttttatccaa	gttactagct	acacatcant	gtttaaagag	aaaaaagtga	180
cctttcattt	ttttttcttg	aaacttgagg	aaacaagata	catactactg	attttttttt	240
tcttaaaaact	aatgcatga	ctgcagangg	tagagggtga	tatttttcat	actgtggggc	300
aaagtatttg	tgctgctttt	tggagatgga	ctggaacgtc	tggtttctgt	ccccngggcc	360
ggcagctacg	tctattttct	gtanaagggtg	ccacagtga	acctggagcc	accccttntc	420
gccctggcgc	cgtttanagc	tgggancccg	tggactcccg	gcctgtttct	accttctatt	480
caaccactct	gacgtgggga	gacaaaaaca	aataaaactt	tttgatagtg	tggtaaaaac	540
attgatttga	actatttttag	taaaaggagt	gacaaacaag	aatgtgatag	tgtctacttt	600
gagctaaata	ataaangcct	ctttgtgaac	ctnctgggnt	ttanngcang	gcnnnaaagt	660
tttttnaaaa	atgngnannn	aaactnganc	cttnaaaaac	tntanggagg	cgtnttcctt	720
tantncccgga	catganaaaa	aacctttgat	gnggtttngg	ncaaaccccc	aacttanaan	780
gccgtgggna						789

<210> 2670

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<211> 780
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(780)
<223> n = A,T,C or G

<400> 2670
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tttacagcgc cttgtgcagc cttagatttt aatattcttt tgtcattggt acatctcata      120
gagtaaagct cttattacct tgatcctgag tcagaaatcc cacctgaaat cacctttttt      180
cccccttgat caaacatccc atccttcagc taccatactg ttgctacagg gattttgtgg      240
actgtggccc ctgtcccagag gttggcncct tcagttcagc acagcctgag cagtgagaag      300
gtctgaaagg agagtatata gntaagatcc ttgagaaagg gctgcctgag gaactgacct      360
cttaaagatc tcaggatctt taagacaaca agttagggtc ctactggagt tacctgccag      420
aatggcctct taattaactc angtaatgaa gagctaactg tgttataatc atcttgcttt      480
tgcctgaatt tggagaaagt attataatta aagttcccag tatkagaaat gtccttacct      540
aagattaaaa tatcttggtg actaatacca ttctatgaga aagagtagtt atttgcccag      600
actgtattaa tttacttttag aaactaatgt ttgaagtaat ggaaaaaatt ttaaattatn      660
aagctaaggg caataacatt tgctacttat ttatagaatt atttgaaaaa atttgntttg      720
aagtaatgct ttaaggagtn taagatatte aagataaatt atactatnaa atgattttatt      780

<210> 2671
<211> 749
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(749)
<223> n = A,T,C or G

<400> 2671
tcaaatntnn nntaancctt ttttaagatca gcacttggtc ttttgcggtat cnntccatgg      60
gtagaangga tgctcgtacc nnnaaganca ntaccgagac gtgcagctgt ccaaggctct      120
gtcctatgcc ctgcgccatg gggccttgaa gctggggctt cccatgggag ctgatggctt      180
cgtgccctcg ggcacctcc tgcagttgcc ccagttccgc ggcttctctg ctgaagatgt      240
gcagcgcgtg gtggacacca ataggaagca gcggttcgcc ctgcagctgg gggatcccag      300
cactggcctt ctcattccgg ccaaccaggg ccattccctg cangtaccta agttggagct      360
gatgccctcg gagacaccgc aggccctgcc ccgatgctag tccatggtac attctggaag      420
cactggccat ccactctact caaaggcctg tcctgccagg gaaggacgca cattcacctg      480
gccccaggac tgcttgagc cccggtatca tcagtggcat gcggncccat tgtgaaatag      540
ctgtgtcatc gatggaccct ggctctggca gatggaatac ccttcttccg ttctgccaat      600
ggggtgatcc tgactccang gaatactgat ggcttccctc ttccaagtcc ttaangangn      660
cctgancttc nccttaccga aagcccttcc cttggctggg gatgaaaaaa caantgtcan      720
aatancccca agcacagttc canaaaaag                                     749

<210> 2672
<211> 782
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(782)
<223> n = A,T,C or G

<400> 2672
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cacgaggacc	agggtcact	gcaaccttga	tctgggctca	agtgatcctc	ctacntnagc	120
ttcctgagta	gctaggacca	cagggtgtgca	ccaaccacac	ccgactaatt	tttggtagag	180
atgagatccc	actatgttac	ccaggctggt	cttgaactcc	tgggctcagg	tgatcatcct	240
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gaattctcat	tttttttagtc	actaaaaatg	ctggggggggc	actccattct	ccattatgtg	360
attaagttca	cattgcatgc	ttgtatcaaa	acatcatata	tacccccaaa	atatatacaa	420
aaaactttaa	aattttaagt	attaattgct	cangaaaaaa	ttaaaatgct	ggggtgctga	480
aatctcaagg	gccccattac	aaaactcctt	angaacctcg	ccctcttntg	ctgtaaggac	540
tggttccaga	atgagagaat	taaaagacat	tcccgccaaa	atgtcataat	gtcaccccg	600
aaacctgcga	atatgttata	ttacatgacc	anggagaant	aagggtgcan	atggcagtaa	660
gggtgcta	gggctgacct	taananaagg	agatgatcct	ggattatctg	ggnggaccca	720
atgtaatcac	aagggtcctt	actggggaaa	atgaggnggc	tgatcaaaa	caantgatca	780
tg						782

<210> 2673

<211> 769

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(769)

<223> n = A,T,C or G

<400> 2673

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tattttctcac	aatagtaata	atggttacia	ttgactacct	tgtnngagtt	ccatctccta	120
aacttctatgt	tctgaaaaa	tttgagccta	ctcatccaga	gagaggggtg	atcataagcc	180
cactgggaga	taatccttgg	tggaacctat	taatagctgc	tattcctgct	ttgctttgta	240
ccattctcat	ctttatggat	caacaaatca	cagctgtaat	tataaacaga	aaggaacaca	300
aattgaagaa	aggagctggc	tatcaccttg	atttgctcat	gggtggcggt	atgntgggag	360
tttgctctgt	catgggactt	ccatggtttg	tggtgcaac	agtgttgcaa	taagtcatgt	420
caacagctta	aaagtgtgaat	ctgaatgttc	tgtctcaagg	gaacaaccca	agtttttggtg	480
aattcttgaa	cagcnggtta	caaggcta	gatttttatt	ctaattgggc	tctctgtgtt	540
catnacttca	gtcctaaaaga	ttattccaat	gcctgttctg	tatgggggtt	cctttatatg	600
ggagtttct	cattnaaagg	aatccagtta	tttgaccctg	atnaaatatt	tggaatgcct	660
gcttaagcat	cagcctgatt	tgatatacct	ncgttatgtg	ccgctctgga	aggccatatt	720
ttacagtc	tcagcttact	tgtttggtcc	ttttatnggt	gataaaang		769

<210> 2674

<211> 790

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(790)

<223> n = A,T,C or G

<400> 2674

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agctaccgcg	cccgcctat	ttacttttct	tactaagctg	gggatcaccg	tcgccctcg	180
cttggcagga	aggcgggggt	gcaagaagaa	aagaggatca	gaacaccag	agggtgccctc	240
gattccgtct	tgcacttgcc	cttctccac	cgtccagcaa	taaagcgaga	gaaacaagt	300
caggaaactg	gccggcagtc	atgggagaag	caaaaaagac	aggagttag	tggtcatgacc	360
agggtcact	gcaaccttga	tctgggctca	agtgatcctc	ctacctcaac	ttcctgagta	420
gctaggacca	cagggtgtgca	ccaaccacac	ccgactaatt	ttttagagaga	tgagatccca	480
ctatgttacc	caggctggtc	ttgaactcct	gggctcaagt	gatcatcctg	ccttggtttt	540
ccaaagtact	gggattatan	gcttgagcca	cccgtgcctg	gcctgtgatc	aaaattctca	600
tttttttagt	cactaaaaat	gctggggggc	actccattct	ncattatgtg	attagttcac	660

attgcatgct tgtatcaaaa cattatatnt tccccncaa atttntncca aaaactttta	720
aattttaagt atttaattgg ttcaggaaaa aaataaaatg ctgggggggc tgaaatctca	780
angggcccat	790

<210> 2675
 <211> 784
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(784)
 <223> n = A,T,C or G

<400> 2675	
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tgagctaccg cgcccggcct atttactttt cttactaagc tggggatcac cgtcgccctc	180
ngcttggcag gaaggcngng gtgcaagaag aaaagaggta cagaacaccc agagggtgcc	240
tcgattccgt nttgcacttg cccttctccn accgtccanc aatnaagcga gagaaacaag	300
tgcaggaaac tggncggcag tcatgggaga accaaaaaga caggagttca gtggcatnac	360
canggctcac tgcaaccttg atctgggctc aantgaccc cctacctcag cttcctgagt	420
agctangacc acagggtgtgc accaaccaca cccgactaat tttttagag atgagatccc	480
actatgttac ccaagctggc ttgaactcct gggctcangt gatcatctgc ttggctncca	540
aagtactggg attataggct tgagccaccg tgccctggcct gtgatcaca ttctcatttt	600
tttantcact aaaaatgctg gggggcactc cattcttcat tatgtgatta gatcacattg	660
catgcttgta tcaaaacatc atattntacc ccacaaatat atacaaaaaa cttnaaattt	720
taagtattaa ttgctcanga aaaaaataaa ngcttggggg gctgnaaact tnaagggcc	780
catt	784

<210> 2676
 <211> 784
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(784)
 <223> n = A,T,C or G

<400> 2676	
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tgagctaccg cgcccggcct atttactttt cttactaagc tggggatcac cgtcgccctc	180
ngcttggcag gaaggcngng gtgcaagaag aaaagaggta cagaacaccc agagggtgcc	240
tcgattccgt nttgcacttg cccttctccn accgtccanc aatnaagcga gagaaacaag	300
tgcaggaaac tggncggcag tcatgggaga accaaaaaga caggagttca gtggcatnac	360
canggctcac tgcaaccttg atctgggctc aantgaccc cctacctcag cttcctgagt	420
agctangacc acagggtgtgc accaaccaca cccgactaat tttttagag atgagatccc	480
actatgttac ccaagctggc ttgaactcct gggctcangt gatcatctgc ttggctncca	540
aagtactggg attataggct tgagccaccg tgccctggcct gtgatcaca ttctcatttt	600
tttantcact aaaaatgctg gggggcactc cattcttcat tatgtgatta gatcacattg	660
catgcttgta tcaaaacatc atattntacc ccacaaatat atacaaaaaa cttnaaattt	720
taagtattaa ttgctcanga aaaaaataaa ngcttggggg gctgnaaact tnaagggcc	780
catt	784

<210> 2677
 <211> 818
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(818)
 <223> n = A,T,C or G

<400> 2677
 atcagctctt gtctttttgc aggatccctc gattcgaatt cggcacgagg ctgcccaca 60
 cgctgttttg ggatgtggcc atgggtggtg aattcttgag ctgttattct gggctacttt 120
 taccagatgc tcagtatcct attactgctg tgtcccttat ggaagccttg agtgagata 180
 aggggtggctt ttatacctt aacagggtgt tggatcctc cttacagacc ctctacaag 240
 atgagatagc agaagactan ggtgaattgg gaatgaagct gtcagaaatc cccttgactc 300
 tgcattctgt ttcagagctg gtgcggctct gcttgccgag atctgatgtt caagaggaaa 360
 gcgagggctc aaacacagat gacaataaag attcactgca tttgaggata atgaggatca 420
 agatgagttc ctagaaaagc tggagacctc tgaatttttt gagctgacgn cagaggagaa 480
 gctacagatc ttgacagcac tgtgccaccg gatcctcatg acatactcag tgcaagacca 540
 catggagacc cacagcaaat gtctgcacag ttgtggaang aaccgcttgc tgtgtttgaa 600
 aggaagaaaa tgattaagaa gaagagcnnng antaaaccgn aaaccgggaa agaaaatggg 660
 aagnccaaaa aaaaaaaaaa aaaaaaaact cgaaccctct taaaaactat nagtngaggt 720
 ccgtattacc gtttgaatnc nggacnttga atnagaaacc attggatgga gttttggncc 780
 aaaaccccaa ncttagaaat ggcngnggaa aaaaaatg 818

<210> 2678
 <211> 875
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(875)
 <223> n = A,T,C or G

<400> 2678
 ttnannnnta tacaactact tggtcttttt gcaggatccc atcgattcga attcggcacg 60
 agggcacgag gcaactaagca ggctagtgtc ctacagcttc cggcctcccc ttccaggccg 120
 ctgccgctg accctgtgtc caagagactc caggctgagc tggctgaccg acccaatccc 180
 cctaccgcc ctctgccgc tgaccgggtg gtgagaagcc cgaagtctca ggggccagcc 240
 aagccccac cccaaggaa gccactgcct gccgaccccc agggccgggtg cccatcgggt 300
 gacctgccg cccaggggt ggaatccgc ccctagtgtt accctccaga ccaagcgcca 360
 ccgncttcga cagtgtctc gctctacctc tgacctctcc ggaggttccg ctgctccaag 420
 ccggacttaa ggcttcaaga ggcgggctg ccctctggag tccccacca tgactgaagg 480
 cgccagagac tggcgggtgc ttaanacttc gggcaccgcc acgcgctgtc aagcaacaac 540
 tctgcggacc ttcccggcgt aatttgcaac cgggggcttg ggggaagggtg cttgggggtt 600
 tggaaccggg attgaaggaa aggtncgcga caaacctggt cttttgntt caaatgtcn 660
 aataaaaacg ttgnacaatt ntttggggga agccggtttt nnnnnnnnan aannnnnnnn 720
 nnnnnnnnnn nnnnnnnnna anncccttcg aagccctttt taaaaaactt ttaggggag 780
 gtcgnantta acgttnnaat nccnaaaacn ttgattaaag aataccattt ggttgaaatt 840
 ttggggacna aancccaaaa anttagaaat ggcg 875

<210> 2679
 <211> 772
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(772)
 <223> n = A,T,C or G

<400> 2679
 nnnnnnnccc nnnnggnnng nnnaggnggg gtannnnntt ntactaangn tgtnganct 60
 cgtncctctcc gcaacagccc ggcgggtcga attcggcacg agtccaagag gagaagcatg 120

ttccaaaacc	cttaactttg	ggaatttaga	actagctttt	ttactatctt	ctgcacagca	180
taacttcagt	ctccctttac	taattcaagg	aaatctcagt	gaacaaattg	tataagggta	240
gatgagctaa	aagctcactg	agtcattaat	ttgtcataac	tcactctaat	acaatgatta	300
ggcttggtga	gggtgcccta	gtttctcttt	ctaaatcatg	tcttagtagg	gacagagcaa	360
taatgggtgga	tcgtggcaac	gggaagggaag	atgatgtgtc	agttatctat	tgctgtatga	420
cagtcacaaa	accttagtac	ttactacaga	aacaatgatt	tgtcacattt	tgtgggttgt	480
ctggatgggt	gttttgctta	tatgggtgcag	gctgagatta	ctcatgcagc	ttcacagttc	540
ttttgcttat	atgggtgcang	ctgagattac	acatgcagag	gaaagatggg	ctctgntcct	600
cattcgtagt	cctggggcct	tgggtcggggt	tgtggcaatg	gcgtcttggg	tctccatgtg	660
ccgncctctc	agcaggataa	cctgtntttt	tctcacacca	tgacactggg	gttccaggan	720
natcaancca	nnancngcta	naccattan	naactaggcc	ccaaaanttg	ct	772

<210> 2680
 <211> 768
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(768)
 <223> n = A,T,C or G

<400> 2680						
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aaacttaaat	gtcacatctg	aaacagtaaa	aatcctagaa	gaaatcctag	gaaaaactct	120
tctggacatt	ggcctaggca	aagaatttat	gatgaagacc	tcaaaagcaa	acataacaaa	180
accaaaaata	gacaaatgag	atttaattag	aaaaacttct	gcacagtaaa	agtaataatc	240
aacagttaat	agacaaccta	tggaatggga	gaaaatatat	gtaaattata	catctgacaa	300
agaactaata	tccagaatct	acaaagaact	cacaagaaaa	aaaccaaccc	cacaagcggg	360
caaaggacat	gaacagacat	ttcccaaaag	aagacataca	agcaacctaa	aataatctaa	420
aataattttt	aaaaagaaaa	aatgcttgac	agagttttga	tagtacttag	taaaaagtta	480
tatctagtgg	ctttttgntt	gnttggtttt	gntttggttt	taagaggtag	tctctgtttc	540
ccagctggag	tgcagtggcg	caatctttgg	ctcgctgcgg	ctcgaactc	ctgggctcaa	600
gcgaccttc	agcctcagcc	tnccaagtag	ctgntatagg	catgcccccc	ccttccgact	660
natnatctgc	tatcaataca	taatggttnc	ctttggctta	tttangaaat	aacactttta	720
tgcttttgaa	aaaaaaaaaa	aaaaaaaaact	gagcctntan	actntgtg		768

<210> 2681
 <211> 790
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(790)
 <223> n = A,T,C or G

<400> 2681						
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gcagagccca	agtttcaagc	tttccctgtc	cagtggaaac	aagactaacc	tcaccagcca	120
gtcatctaca	acaaatctgc	ctggttctcc	gggatcacct	ggatccccag	gatctccagg	180
ctctcctgga	tccgtaccta	aaaatacatc	tcagacggca	gctattacta	caaagggagg	240
cctcgtgggt	ctggtagatt	atcctgatga	tgatgaagat	gatgatgagg	atgaagataa	300
ggaagatacg	ttccattgtc	aaagaaagca	aaatttgatt	cataataatg	gcaacggcct	360
angatcagta	cctgttgaaa	aaaactgggt	ctccaccctc	cccccataca	aaatccacaa	420
aaaagcgcag	tggctctctg	tgaatgactg	acacagatca	gcctcttaca	cttgacttct	480
gctcatcaag	tgccaattca	atggagcagg	aggaggggat	atcatatatt	taggggaaag	540
acttaagcct	ttgagctctc	cagcttggac	cacacattgc	cctttntna	gggaaggaaa	600
tggaaacaaa	aagccaacag	ggcagggggt	ttgtaaagtg	gaactcttgg	attgactggg	660
cagttgctac	aatcaaaata	tgctttcttg	gacctgtttt	gagactcaaa	anaatgggcc	720
tctcgncata	attctttact	tagtcaagaa	tgccacagtt	tcttttgtnt	aaaaaacctg	780

nctttnaaat

790

<210> 2682
<211> 709
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(709)
<223> n = A,T,C or G

<400> 2682
cagcnccttgcc tctttgtgca ggatccctcg attcgcccaa atggacactt tgcttgccagg 60
tgatgctgcc gaatgaatac ccaggtacag ctccacctat ctaccagttg aatgctcctt 120
ggcttaaaagg gcaagaacgt gcggatttat caaatagcct tgaggaaata tatattcaga 180
atatcgggtga aagtattctt tacctgtggg tggagaaaat aagagatgtt cttatacaaa 240
aatctcagat gacagaacca ggcccagatg taaagaagaa aactgaagag gaagatgttg 300
aatgtgaaga tgatctcatt ttagcatgtc agccggaaag ttcggttaaa gcattggatt 360
ttgatatcag tgaaactcgg acagaagtag aagtagaaga attacctccg attgatcatg 420
gcattcctat tacagaccga agaagtactt ttcaggcaca cttggctcca gtggtttgtc 480
ccaaacaggt gaaaatgggt ctttccaaat tgtatgagaa taagaaaata gctagtgcc 540
cccacaacat ctatgcctac agaatatatt gtgaggataa acagaccttc ttacaggatt 600
gtgaggatga tggggaaaca gcagctgggt ggcgctctct tcatctcatg gagattttga 660
atgtgaagaa tgtcatgggt gtaagtatca cgctgggtat gagggattc 709

<210> 2683
<211> 780
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(780)
<223> n = A,T,C or G

<400> 2683
tatattttata canctcttgt tctttttgca ggatcccatc gattcgatac actgcatttg 60
ctgggtgctgt ttttatatag tgaagcaaca gctgtcagca aaataataaa atactcactt 120
cttcgttaaaa aaaaaaaaaa tttacttctt acaattcttg aggccaggaa gaccatgatc 180
aggtgccagc atctgggaag ggcttctctg ctgtcctccc atggcagaag atggaagggc 240
aagggagagc taacatgctc ccgcaaacc tttttataat ggcataatc aaatatgagg 300
ccagagtcct tgtgacctaa tcatctccca gaaggctccg cctcccaacc ctgttgcat 360
gggattaagt ttccaacaca tgaattgtgg agacaacaca ttcaaaacat agcattccac 420
accttgggct cccagattc atgtcctcac atgcaaaata aattcattcc atcccaatag 480
cccctaaaaa gtcttaactt gttccagcat caactttaaa gtcaaagtcc aaagtctcat 540
ctaaatcaga tatgagttag actcaaggca tgattcatca tgagacaaan gatgtacatt 600
tgcaatgttt gtcatgtcag acaaaacaaa aatatgtaaa tatccatcaa tangggaact 660
gctggaaaaa tttttttgtt taatcataaa atgaaacatg ccgatgttta aaccaatgga 720
gctagatctc aacgtgctga tattggaaat gcttcaaaat gntttaangg acataaaaata 780

<210> 2684
<211> 777
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(777)
<223> n = A,T,C or G

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<400> 2684
ttnnnnnttt aatnnnatac agctcttggt ctttttgcag gatcccatcg attcgaattc      60
ggcacgaggg gagactgggg tctatttcac ccctgcagtc tgcaccataa gagatggcta      120
caccagggg ggccagttca gagaccact cccagggtgt cattctcttt ctcaaggatg      180
ttccttgctg agaaaaagaa ttcagtgata tttctcccat ttgcttgatga aagaagagaa      240
atgtggcttt gttccacctg gtcaccggc ggcagaattt aaggttatct ctcttgtttc      300
ctaaacattg ctgttatcct gttctttttt caagggtgcc agatttcata ttgctcaaac      360
acacatgctg tataatttgt gcagttaatg caattattac agggtcctga ggtaataatac      420
atcctcctca gctgacagga ttgagagatt aaagtaaaga caggcatagg aaatcacaaag      480
ggtattgact ggggaagtga taagtgtcca tgaaatcttt acaatttatg tttagagatt      540
gcagtaaaga cangcataag aaattataaa aagtattaat ttggggaact aataaatgtc      600
catgaaacct tcacaatcca tgtttttctg ccatggcttc aaccagtccc cccgtttggg      660
gtcctgactt nctgcaacaa tgcctgcag gaaaagtttt tctttatatc cagtttttac      720
atgatgaata tttccaatat tcatagttat gangctgaat nctcttgaat ttatnaa      777

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<210> 2685

<211> 775

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(775)

<223> n = A,T,C or G

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<400> 2685
tattttatca nctctgttct ttttgcagga tccctcgatt cgtttaagga aaaccagcaa      60
ataacaagaa aaccatttaa tgtaaagatt tgtaaataat cacttcaaaa gaagtgcctt      120
gttgctgtca catttagtcc atcttcatat aattcttatc tgggccagtt tcttgggcat      180
gggacatgtg cagttacaca agcctgtgct ctttaagagg tcttaccat agtttaaatgt      240
tctgctgttg tagtcttgaa attcttaatg atttaacaag gggtcctcca ttttcatttt      300
gcactggggc ctgcaaatta catagcccat cctgatttct acaactatag aatagcacia      360
tggaattcc atatggatta ataatatgtg acacttacgg ctttttctat acgcttccaa      420
gtacttcata taaattactt catttcattc aatggtagaa ttggtagatg ctttaacttt      480
aatgaaagac aaagtccagat tcaacttaag gattaaaaaa tatatgtaac attacatttt      540
aaagattttc aaaaacaatt tgttggtgaa atgaattatt gncatgagat attnccact      600
agacggactt cctgtanggt cangggctct ggtcttctgt anggatgaac caagcttttc      660
ttgaanggcc angtgctaag tgtctcaagc tttgtctgtt aaggactacc cactctgctg      720
gtgtagcaag gaacacanct ggttgcagcc agatnctcaa atgancaagc ctntt      775

```

<210> 2686

<211> 899

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(899)

<223> n = A,T,C or G

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<400> 2686
taaatattata caactncttg ttctttttgc aggatcccat cgattcggtc aagccccag      60
cctacgagga tgtggttcac cgcccaggca caccaccccc cccttatact gtggccccag      120
gccgccctt gactgcttnc agtgaacaaa cctgctgttc ctctcatcc agctgccctg      180
cccactttga aggaacaaat gtggaagggt tttctccca ccagagtgcc cccctcatc      240
aggagggtga gcccggggca gggngaccc ctgcctncac accccctcc tgccgntatc      300
gccgtttaac tggcgactcc ggtattgagc tctgcccttg tctgcctcc ggtgaggggtg      360
agccagtcaa ggaggtgagg gttagtgtcca ccctgccaga tctggaggac tactcccgtg      420
tgccttacct ccnagntntg taccgcanat ctttcccatg gggctgtctt ncagtgaag      480
gggacatncc ataatagttt tganagggtg gatgggttac tttgccacc aaaaacagcc      540
cttagtncca acttccttgc gtttcctttt ggccctccc ttgccttacc ttaaaaaatt      600

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ttgccttgaa	aaagggcttt	gggaaaangg	ggcaaanaat	ttgggggggg	aacttggtgc	660
ntaanccttt	ttaaccccc	ccgcnnngga	acaattacaa	ccanggggaan	cccttttggn	720
atccttccan	tttaaaaana	aaaatgtttg	gaaaccccaa	aaaaaaaaaa	aaaaaaaaaa	780
aaaaaaaaacn	ttcggagncc	cctttttaaa	aaacnttttt	aggggggggg	cccnttnntt	840
taacctttaa	aaatncccc	nnccttggn	ttnggnaanc	cccttttggt	tggaagttt	899

<210> 2687

<211> 794

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(794)

<223> n = A,T,C or G

<400> 2687

nnntttnnnn	nntttaatat	ttatacacct	cttggttcttt	ttgcaggatc	ccatcgattc	60
gaaaacctgc	tgtcaaggct	tgaagagccg	gcacactcaa	tggcaaacac	agcaccgagt	120
ctgtctgaa	tcctggagga	tctggccctc	ctctcaaccc	ccactcacag	tcaccgtctt	180
acaactcagg	gccacctggg	atcagtcatc	agtcagggtg	cgtaagcctt	gaataccagg	240
tagcctcagg	agtgaaga	taaatgtcct	agatcattcc	ttattcagtg	tccccacctt	300
gcagcgcat	ccaaccacct	gggagcattt	aaaactccag	atgcccacac	cacaccctgg	360
ggccacccat	cagaccttct	ggaagcaaga	cctgggcctc	catggcccca	aaaactccct	420
aggtgatccg	atgtgcagcc	aaatctgaga	ggcccccatt	aaaaaagaaa	gaacatgggt	480
ggtcattgag	gagtatttac	attttataaa	atgacttaaa	aatttgaagg	catttttgag	540
catttccaat	tatatggaag	agttacttct	acggaatagt	ttttgctcat	ggaactcaaa	600
cagatgaagc	accactgtta	cagaataatg	tgtctcagat	gaaaatgtct	cgtttctgtg	660
aatttcatga	agagcagaac	atctctcaag	aatcctcttg	agccagtaat	caatcctgtc	720
tnaaaaaatg	ttctttgcct	tttctaaata	ctgcacaaaa	gtgggncatg	tcgacatttg	780
tncaccacc	ctcn					794

<210> 2688

<211> 775

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(775)

<223> n = A,T,C or G

<400> 2688

ttnanntttt	aaaccctttg	tnctttttgc	accatcccat	cgattcgaat	tcggcacgag	60
agtatgagaa	gggaggatgg	gggagaatct	gattaaaaaa	aatgattcat	tccttcacag	120
acactaacia	acatggctaa	aaagcacatg	tcagaacaca	gaagcctagg	tagatgggtg	180
acatttttat	aacttcctta	agtgagtagt	taaaccagca	gtcttaattc	tgttgggtctt	240
ccaagagtgt	ttaattacat	aagtattacc	tgtattcatt	tcccacaact	gntgggtttt	300
tctttctttt	tttttttttt	tcctctgnrc	atcctanaaa	aactcccagg	actagactta	360
ggaggaggca	atcaagttat	gtggtaaaac	aagagtgcct	tttctgttgg	atatccactt	420
tagtttcctg	gcttccaggg	cataagatgt	ttanaaaactt	ttttctctta	aacataagaa	480
ttattgtgtc	cacaattttg	aaccaccgat	ttccatatct	tcagcagcta	tcaacttgcc	540
aattcccttt	gggtctcctt	tgnatattct	tatgtttcct	tctgnttcca	ggtgcctcaa	600
aaagagtgtg	ggggggcatg	actcttataa	aatggataaa	aatgaactgt	acagatgttt	660
gcctccttgt	tctgtgagca	tgactctatc	angctggaaa	ancgctttat	cattttggat	720
atgtgaccat	tttggtattca	gcattacttg	actccttatg	tgcnttggca	atgtt	775

<210> 2689

<211> 1157

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1157)
 <223> n = A,T,C or G

<400> 2689
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 cgggggacca caggaggcc aggcaccctg tcccaaagc cccggnacnt ttttatttaa 180
 ccacccaaac aagaaaacng agaantacgc caccgccggg annggccaaa aggnagnaag 240
 gngggaacaa gcntnaccnt gtgncnngca acanacangn gtggcnngaa ancanccagg 300
 actcncgggt acatcaaatc gcccannngg cgcncnncat gttcttaacc anccggaata 360
 ggggacaatc aattggttgn cnttttngcc tgccgaaaag ctagctgggn anatctgccn 420
 ggttaataa gcccctntaa acggaaggcc anangggggg aacnnaanaa ggtngangca 480
 ttcccgccca ccggaatgaa gnaatgggga ancccgccct ggngggggna agtcangcan 540
 aaacggcttg acgnaaaaaa aaanccattc ncccccaant tngtngaang gnncccaang 600
 aaatncnnc acngcnaag ncccccnng gcnaatgnnc ccaaattccc tcccattnn 660
 atnttatgna aaccaccttt ngggggaaaa aaaaaaaaag nccntttnt ngaaaggaaa 720
 ggggtgcccc attgggtat gggaaggngn ncnncccaa attanaaaan ttnngggnga 780
 naaaaaannn gggcncccc gntttgggg ncgnttttg gcaaacacc ccccggtccc 840
 ccaaaaangc ccaatgggta ntccctaaaa aaaaaagtg ccccntttng tgggaaaaan 900
 ccccggggag agggccccgn gtttcaaagg gggaanaatc ccaaaaaaaa ccnaatccta 960
 naanggccaa angnggtnt ncctnaaann nnggnaatng ncaaaagggn ggngaanna 1020
 accttgggg anggcngaatt ttnccccctg gaaaaaccg ggnggggncc cctcncgna 1080
 ananaaaaaa aaccnnttca aaccnnggg gccntcncg ggtgcccgga acncnttttg 1140
 aaaagatcca cnncccc 1157

<210> 2690
 <211> 769
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(769)
 <223> n = A,T,C or G

<400> 2690
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 tattttctcac aatagtaata atggttacaa ttgactacct tgtnggagtt ccatctccta 120
 aacttcatgt tctgaaaaa tttgagccta ctcatccaga gagagggtgg atcataagcc 180
 cactgggaga taatccttgg tggaccttat taatagctgc tattctgct ttgctttgta 240
 ccattctcat ctttatggat caacaaatca cagctgtaat tataaacaga aaggaacaca 300
 aattgaagaa aggagctggc tatcaccttg atttgctcat ggggtggcgtt atgntgggag 360
 tttgctctgt catgggactt ccatggtttg tggctgcaac agtgttgcaa taagtcatgt 420
 caacagctta aaagtgaat ctgaatgttc tgctccaagg gaacaacca agtttttggg 480
 aattcttgaa cagcnggtta caaggctaatt gatttttatt ctaatgggccc tctctgtgtt 540
 catnacttca gtcctaaaga ttattccaat gcctgttctg tatgggggtt ccttttatatg 600
 ggagtttctt cattnaaagg aatccagtta tttgaccctg atnaaatatt tgggaatgcct 660
 gcttaagcat cagcctgatt tgatatacct ncgttatgtg ccgctctgga aggccatatt 720
 ttacagtcatt tcagcttact tgtttggtcc ttttatnggt gataaaaang 769

<210> 2691
 <211> 776
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(776)

<223> n = A,T,C or G

<400> 2691

tattttatac	agctnttggt	cttttgcagg	atccctcgat	tcgaattcgg	cacgaggcca	60
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tgcaccaga	agttcaaggc	tgcagtgagc	tatgatcaca	ccatggcact	ccagcctggg	180
caatagaatg	agaccagtc	tctaaaaaag	tagaagttaa	aaaaaaagat	taagaataga	240
tgtagggcag	cagaatttgc	aacttctttt	cagcatcaca	atactttaaa	acagtgattg	300
tcattctgct	caaaccatt	gcctctcaca	taggaaatat	tttgaaacat	attttttagt	360
accttgaaat	gaaattcatg	ataattaacc	catctacaca	cattttttaa	aatcaatata	420
gggccctaac	agcaatataa	aggggaaata	aaaagaaact	aattgtaata	aaataatatt	480
gatttcaata	agtacattct	agcccagtc	ttataaattt	taatgtgcat	atgaatcatc	540
cagcattctt	attaaatgca	gattctagtt	cagtagattt	tggttcagta	ggtaagccct	600
gagatttggc	atttctagca	gctnctagat	gatgccaca	ctgctgttta	gtaaagagca	660
tactttgagt	agtaanggcc	gaaaagtata	aaaaaaaaaa	aaaaaaaaaa	aactcggcct	720
ctanactata	ggagtcgtnt	tacgtanctc	cngactgata	agatcattgg	tgagtt	776

<210> 2692

<211> 774

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(774)

<223> n = A,T,C or G

<400> 2692

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ctgcttctcc	agggagccct	ccctcactgg	agactgggat	ttagcaacca	agacctgggc	120
actggctgtg	cttggtgctt	ctgggccctc	ctgggacaga	gctgggaagt	ggatctatga	180
cacgtgcttg	tgcatttacc	cgccctgttg	gtttctgtag	ctgtctagtt	cctgctgttc	240
ctgtctcacc	tgcccttttc	cttatgtgta	gtttcttcct	gtgacaggga	gaaacctggc	300
tctcagattg	acaggacatt	cgcttaggcc	atgtcagtc	tgtaggtgaa	ctgttcaacc	360
tgtgccccag	ggaggcgag	tcactatgga	ggcaccttac	ttccttaatc	gtgtactggt	420
gtttttgtgt	ttgacctgta	gcactaagt	actggtttca	aaagttgcct	agatgagttc	480
ttttctttct	ttcacctcct	gcaaattatg	tgatttgcac	aatttgtaca	taagttaggt	540
tcatttggtt	gtttgtattc	cttttggcct	cccccatatc	ctcgttgact	ttttctttct	600
tttgtaactt	acatatgtta	tgaaattata	tgaggatata	taatttcata	aatgtttatg	660
ggttacatgt	attaattggg	attattaaaa	ncaccctggg	attgactggc	caaccatttg	720
gtggaagata	gcaataaata	atacatcata	aaagacttta	atgtaaaaat	aaan	774

<210> 2693

<211> 816

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(816)

<223> n = A,T,C or G

<400> 2693

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ttaattccct	gaatcctact	tgaacattgt	ataaatttct	ctttgcatat	aatacatatt	120
tgtgaatgag	acatattccc	aaaaaattct	tatctctgta	tgtgattgga	aaagaaaaga	180
tcacatttgt	atattcaaca	atctttcacc	tatttcataa	gtcatttttt	caccctgtat	240
agtatgggaa	ttatttttta	tgtaaataag	aaactgaatg	tactgggttg	aatgggtgtc	300
tctccaaaat	tcatgtactt	cctggagcct	cagaatgtga	ccttatttgg	aaatactgng	360
gttggtggtg	taagtagcta	agatgangtc	atactggagc	agggcaggcc	cttaatccaa	420
tatgactggt	gttccttata	aaaaaaagat	aanggcgggc	atggngggct	cacgcctgta	480

atcccagcac	tgtgggaggc	caagccaggc	aaatcgcttg	aggctgagga	gttcaagacc	540
agcctggccc	aacatggcga	aaacccatct	cttctaaaaa	taaaattagc	catgccgtgg	600
tgttgtaat	gtcagctacc	ccaagaatct	gangcacaaa	gaatcacttc	gaacctggga	660
agnggaggtt	gccanaaccc	caccactggc	actncagtgt	ggagcaacaa	aaccgagact	720
cttgtcttca	aaaaaaaaana	nannaaannn	nnnnnnnanc	ctcgnancct	ttaaaaacttt	780
agggaggccg	tntttacgta	natcccaaac	atggat			816

<210> 2694

<211> 786

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(786)

<223> n = A,T,C or G

<400> 2694

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tgtgggttct	aacttaagtt	ccagaccagc	tagtccaaat	tcttcctcag	gacaggcttc	180
tgtaggaaac	cagactaata	ctgctttag	tcctgaagag	tcattgtgtt	taaaaaaacc	240
tatcaaacga	gtatataaaa	aattgatcca	gttggagaga	ttttaaaaat	gcaggatgag	300
ctcttaaagc	caatttccag	aaaagtacca	gaattgccct	taatgaattt	agaaaattct	360
aaacagcctt	ctgtttctga	gcaattgtct	ggtccttcag	actcctctag	ttggccgaaa	420
tctggatggc	cttctgcatt	tcagaagcca	aaaggacgat	tgccatatga	acttcaggac	480
tatgttgaag	atacatcgga	atacctagct	cctcangaag	gaaattttgt	ttataagtta	540
tttagcctgc	aagacctgtt	gttactcgta	cgctgcagt	tccagaggat	agagacaaga	600
ccacgttcta	aaaaaccgga	agaaaatcag	aagacaattt	ncagtttatg	tnctacccaa	660
agtagagtat	caagcttggg	tntggagttt	gaagctcttg	actgaaagt	gactttgtcg	720
cttatngact	ggaaagttta	ttgctttcca	ccagctcatt	ttatgtttgg	gcatatcgat	780
gccntt						786

<210> 2695

<211> 786

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(786)

<223> n = A,T,C or G

<400> 2695

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tgaggagtgt	ttaatcattg	atacagaatg	taaaaataat	agtgatggaa	agacagctgt	120
tgtgggttct	aacttaagtt	ccagaccagc	tagtccaaat	tcttcctcag	gacaggcttc	180
tgtaggaaac	cagactaata	ctgctttag	tcctgaagag	tcattgtgtt	taaaaaaacc	240
tatcaaacga	gtatataaaa	aattgatcca	gttggagaga	ttttaaaaat	gcaggatgag	300
ctcttaaagc	caatttccag	aaaagtacca	gaattgccct	taatgaattt	agaaaattct	360
aaacagcctt	ctgtttctga	gcaattgtct	ggtccttcag	actcctctag	ttggccgaaa	420
tctggatggc	cttctgcatt	tcagaagcca	aaaggacgat	tgccatatga	acttcaggac	480
tatgttgaag	atacatcgga	atacctagct	cctcangaag	gaaattttgt	ttataagtta	540
tttagcctgc	aagacctgtt	gttactcgta	cgctgcagt	tccagaggat	agagacaaga	600
ccacgttcta	aaaaaccgga	agaaaatcag	aagacaattt	ncagtttatg	tnctacccaa	660
agtagagtat	caagcttggg	tntggagttt	gaagctcttg	actgaaagt	gactttgtcg	720
cttatngact	ggaaagttta	ttgctttcca	ccagctcatt	ttatgtttgg	gcatatcgat	780
gccntt						786

<210> 2696

<211> 780

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(780)
<223> n = A,T,C or G

<400> 2696
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ggcccgaggga gacggtcggc agccacagtg gcggcttggg gcggatgggg cgccccggcc 120
gcgggccttg taacattctt gcttgcaact tgcggcaggg ccaacttgac cgcccgggcc 180
ctggtccggc cgggtgcaag ttcaattgag aacttttttg acggaagagg ggaccaaacc 240
attccaagtg ggagtggaaat tcctcagctg ctctctcaag ctgcacacca ccagccacct 300
tcacagtgac tttgttgagt gtcaaaacat ctcaaggaaa tttctcctct tctctnctg 360
gaggctatgg cattggtact gaagagagga aacttaccca agaaaccact tatncaaata 420
cttacatttt tgacttggtt ggangtgttg atcttcttgt agaaattctt atgangccta 480
cgatctctat ncggggacag aaactgaaaa taagtgatga aatgtncagg gactgcttga 540
gtatcctgga taatacctgt gtctgtcaga nggagttaca aagcgtttgg cagaaaagaa 600
tgactttgtg atcttntctg ttacattgat gaccaagtaa agaagacatt nttacaaaca 660
gnaacccttc attgaagata ttttgggtgt tnaaaangga aatgatccga ctngatgaag 720
tccccaatct gagtctttaa nttccaattc gatcaanaac aantcgctta atttttgccc 780

<210> 2697
<211> 794
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(794)
<223> n = A,T,C or G

<400> 2697
nnntttnnnn nntttaatat ttatacacct cttgttcttt ttgcaggatc ccatcgattc 60
gaaaacctgc tgtcaaggct tgaagagccg gcacactcaa tggcaaacac agcaccgagt 120
ctgctctgaa tcctggagga tctggccctc ctctcaaccc ccaactcacag tcaccgtctt 180
acaactcagg gccacctggg atcagtcacg agtcagggtg cgtaagcctt gaataccagg 240
tagcctcagg agtgaaaaga taaatgtcct agatcattcc ttattcagtg tccccacctt 300
gcagcgcatt ccaaccacct gggagcattt aaaactccag atgcccacac cacaccctgg 360
ggccacccat cagaccttct ggaagcaaga cctgggcttc catggcccca aaaactccct 420
aggtgatccg atgtgcagcc aaatctgaga ggccccattt aaaaaagaaa gaacatgggt 480
ggtcatttag gagtatttac attttataaa atgacttaaa aatttgaagg catttttgag 540
catttccaat tatatggaag agttacttct acggaatagt ttttgctcat ggaactcaaa 600
cagatgaagc accactgtta cagaataatg tgctccagat gaaaatgtct cgtttctgtg 660
aatttcatga agagcagaac atttctcaag aatcctcttg agccagtaat caatcctgtc 720
tnaaaaaatg ttctttgcct tttctaaata ctgcacaaaa gtgggncatg tcgacatttg 780
tncaccacc ctcn 794

<210> 2698
<211> 696
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(696)
<223> n = A,T,C or G

<400> 2698
aaatngcnag gctacttggt ctttttgcag gatcccatcg attcgaattc ggcacgagaa 60

gaagaactta	tcgattcctc	tcctctcagt	gacaacccaa	gaatggataa	attagagaaa	120
accaacagca	gcttacgcaa	acagaacctt	gacctccttg	aacagttgca	ggtggcaaat	180
ggtaggatcc	aaagccttga	ggccaccatt	gagaagctcc	tgagcagtga	gagcaagctg	240
aagcaggcca	tgcttacctt	agaactggag	cggtcggccc	tgctgcagac	ggtggaggag	300
ctgcggcggc	ggagcgcaga	gcccagcgac	cgggagcctg	agtgcacgca	gcccagagccc	360
acgggcgact	gacagctctg	caggagagat	tgcaacacca	tcccacactg	tccaggcctt	420
aactgagagg	gacagaagac	gctggaagga	gagaaggaag	cggaagtgt	gcttctcagg	480
gaggaaaccg	gcttgccagc	aagtagattc	ttacgaactc	caacttgcaa	ttcagggggc	540
atgtcccagt	gttttttttg	ttgttttttag	ataactaaatc	gtcccttctn	cagtcctgat	600
tactgtacac	agtagcttta	gatggcgtgg	acgtgaataa	atgcaactta	tgttttaaaa	660
aaaaaaannn	nnnnnnnnnn	nnnnnnnnnn	nnnnat			696

<210> 2699
 <211> 708
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(708)
 <223> n = A,T,C or G

<400> 2699						
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tatctagaag	tggaaaaaca	aaaaaaggaa	ataagttatg	aaaataaaaa	ccatgtcttg	120
agctgggtgc	gctggtgtgt	gcctatatcc	ctagattctc	aagaggttga	gacaggagga	180
tcacttgagc	ccaggagtgc	aagtccaact	tggaacaat	gacaagacct	ttgtctcttt	240
aaaaaagcaa	ctcaaaccat	gtcttgaaaa	gctatttaat	ggtcagacac	gatggctcac	300
gcctgtaatc	ccagcacttt	gggaggccga	ggcaggcgga	tcacttgagg	tcaggagttc	360
aagaccagcc	tggaacaat	ggcaaaacct	agtctctact	gaatgaaaat	acaaaaatta	420
gctggcctag	cagttggtgg	tggaagggtc	ctgtagtccc	agctacttgg	gaggttgagg	480
caggagaatc	gcttgaattt	tggaaggcgg	aggttacagt	gaaccacat	ggcgccactg	540
cactccagct	tggtgatag	atgagactct	atctcaaaan	aaaaanaana	aaaactcgag	600
cctntagaac	tatagttagt	ctattacgta	gatccagaca	ttgataagat	ncattgatga	660
gtttggacaa	accacnactn	ggaatgcagn	gaaaaaaaat	gctttttt		708

<210> 2700
 <211> 772
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(772)
 <223> n = A,T,C or G

<400> 2700						
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gctgacaccc	agtaggaagt	atcccatttt	tatcaggaaa	gtcagtcacg	cgtagggatg	180
gtgaggagac	gcgtagggat	ggtgaggagg	ggagaggagg	gagacctgct	ggtgcccttg	240
caccagggtg	aggcctgact	cacgctgctt	ccccccacag	gccctgcttt	gcttgccctg	300
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aaggcaaata	ctcagggttt	gaaggagac	ctggccggcc	tgagggtggt	cagatgtgag	420
ggcaggacac	ctgggatgga	ctcgtaggct	gacccaggcc	caaagggggc	tgctgtttcc	480
caactctttc	actctgtaac	ccattttaaa	atgagttttt	gaatcttgcc	tcaaatgtac	540
ctacttggtg	aaaatcagtg	cttttcctaa	cttgattttg	tttgacgtgg	ttccctctaa	600
gagaatggta	ggaattgaaa	ctatttgtat	atgttgaaat	ttgtaggggt	tcaggaaccc	660
atggcagaaa	cactaaacta	tttatttaca	agtatgacta	tttttttttc	aaaagtaggc	720
aattctttgt	atattttaag	gcaaatatc	acttcacctt	ctggtgcctt	cc	772

<210> 2701
 <211> 777
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(777)
 <223> n = A,T,C or G

<400> 2701
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 taggatgggg acagaggcct ggagacaacc tgctggcctc cttccattaa agccattaca 180
 gtgtcaccac aggattgtaa gaattacaaa tgcgttttcc agagtcccca gagaaaaagg 240
 agtctggcag ttagaagagt aaagtgcac tgcaacaaa agaaatacca aagatgagac 300
 tacagcagcg acttgtcacc tcttcctgtg tgctactgcc tgagaacaga ggtttttagt 360
 ttctttaaag ggttgtaaac ataaaaacaa agaaggatac aacatgcaag gcctaaaatg 420
 tttactttct ggccttttac acaggcagtt cgccagcccc ctaccctaca gtatggaaaa 480
 aaggcataga acagtcaaat cacgtaggat ttcttggttt ctccatgcag gctcatcgaa 540
 tagcaaccat cttttcttag tttcttgaaa caagtacctt atttacattc agagaattat 600
 atgtggacaa acagctcata agcccgtact tttacatact cacttcctga attgcatatt 660
 gaaaaagaga gttcatgtaa agccgattat tatttaatct aaagttatgt tcacatagga 720
 agcactagtg tagagaaata gggctctgang gacaaggagc ctgtgtgccc gtgtcgg 777

<210> 2702
 <211> 777
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(777)
 <223> n = A,T,C or G

<400> 2702
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 taggatgggg acagaggcct ggagacaacc tgctggcctc cttccattaa agccattaca 180
 gtgtcaccac aggattgtaa gaattacaaa tgcgttttcc agagtcccca gagaaaaagg 240
 agtctggcag ttagaagagt aaagtgcac tgcaacaaa agaaatacca aagatgagac 300
 tacagcagcg acttgtcacc tcttcctgtg tgctactgcc tgagaacaga ggtttttagt 360
 ttctttaaag ggttgtaaac ataaaaacaa agaaggatac aacatgcaag gcctaaaatg 420
 tttactttct ggccttttac acaggcagtt cgccagcccc ctaccctaca gtatggaaaa 480
 aaggcataga acagtcaaat cacgtaggat ttcttggttt ctccatgcag gctcatcgaa 540
 tagcaaccat cttttcttag tttcttgaaa caagtacctt atttacattc agagaattat 600
 atgtggacaa acagctcata agcccgtact tttacatact cacttcctga attgcatatt 660
 gaaaaagaga gttcatgtaa agccgattat tatttaatct aaagttatgt tcacatagga 720
 agcactagtg tagagaaata gggctctgang gacaaggagc ctgtgtgccc gtgtcgg 777

<210> 2703
 <211> 786
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(786)
 <223> n = A,T,C or G

<400> 2703

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cccccaaaa	caagacgna	aagtgaata	acttcagata	aacccaaaag	aaagaaaaag	120
ggaggcaaaa	atggaaaaaa	tagaagaaac	agaaagaaga	aaaatccatg	taatgcagaa	180
tttcaaaatt	tctgcattca	cggagaatgc	aaatatatag	agcacctgga	agcagtaaca	240
tgcaaatgtc	agcaagaata	tttcggtgaa	cgggtgtggg	aaaagtccat	gaaaactcac	300
agcatgattg	acagtagttt	atcaaaaatt	gcattagcag	ccatagctgc	ctttatgtct	360
gctgtgatcc	tcacagctgt	tgctgttatt	acagtcacgc	ttagaagaca	atacgtcagg	420
aaatatgaag	gagaagctga	ggaacgaaag	aaacttcgac	aagagaatgg	aaatgtacat	480
gctatagcat	aactgaagat	aaaattacag	gatatcacat	tggagtcact	gccaaagtc	540
agccataaat	gatgagtcgc	tcctcttttc	agtggatcat	aagacaatgg	accctttttg	600
ttatgatggg	tttaaaacttt	caattgtcac	tttttatgct	atttctgtat	ataaangtgc	660
accgaaggtn	aaaaagtatt	ttttcangtt	gtanataatt	tatttaatat	ttaatggaaa	720
gtgtatttat	tttaccanct	cattaaacnt	tttttaaacc	aaaanaanac	mntctnnnnn	780
mntccc						786

<210> 2704

<211> 741

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(741)

<223> n = A,T,C or G

<400> 2704

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cagtggctcg	tgctgtgaat	cccagcattt	tgaggggccg	aggcgaacgg	atcacttgag	180
gccaggagtt	tgaggctagt	ctggtcagca	tggtgaaacc	ccgtctccac	taaaacaaaa	240
agttttctgg	atgtgggtgc	acacatacct	gtaatcccg	ctactttggt	ggctgaggca	300
tgagaatcac	ttgaaccag	aagacaggtt	gcagtgaacc	aagattgtgc	ccctgcattc	360
tagcctgggt	gacagtgaag	ctgtctcaaa	aaataaagg	gtacagggat	tgatatattg	420
acaacttggg	atgtaggatg	tgctacctct	aatgttccat	gctgttactt	agttttcact	480
cactactata	ttttggagat	ttgttcatat	tgctctgtgt	acatttaatt	cttcagtgtg	540
tatccaccac	atttaactta	ttcacttaca	gaactatgca	agaattttct	tggtaaattt	600
cactaagtac	ttatgtactt	ttcagaacga	ttgtgagttt	acacccctac	cagcaggact	660
gagttgagta	ccattttcct	cacatncttg	ccagtcctca	tttgccctaat	tttgccattc	720
tcataatgtg	gcaattgtca	a				741

<210> 2705

<211> 709

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(709)

<223> n = A,T,C or G

<400> 2705

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ggtaagtatt	ttgttaagtt	agaacctca	gtgcatggtc	tagggatctc	tggaggctcc	120
caggaccctt	tcagagaagc	catgaggtca	aaactgtttt	cataagcaga	accaaataat	180
tatttgactt	tttcaatgca	ttggcatttg	cattgatggg	acaaaagcaa	ggatgagtaa	240
aatgggtgat	tccttagcgt	gatcaagatg	gtagtaattg	tactagtagt	cattgtattc	300
ttcactgcc	caattttttt	taaaactacc	aatttttaatt	aagaatgtta	gtcacagttg	360
tttaaaagct	cagaactccc	attaaaaaaa	aattttaaaa	agaatgtctt	tggtaaagca	420
gcaaaaactg	gatgaatttt	attaactcta	gagccttgag	taaacatctt	ttcaggattt	480
tgtgtgttga	aatagaaagt	atgggcccag	tgcatgagct	catacctgta	atcctagcac	540
tttgggaggc	tgacgtgagt	ggatcgcttg	agcctaggag	ttccagacca	gcctgggtaa	600

catagtgaaa accctgtctc tacaaaaaat acaaaaaaat tagctgggtg tngtgggtgtg	660
cacctgggtg tgtagctac tttgggaagc ttgaaggcaa naaaggant	709

<210> 2706
 <211> 744
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(744)
 <223> n = A,T,C or G

<400> 2706	
gagaggnntt ctaatncnng ctacttggtc tttttgcngg atccctcgat tcgaattcgg	60
cacgaggtgg atacctctag tgcaatttat aagcaatata gtttacaaaa gggtacagag	120
aagtatccag aattgcagaa tttacctcaa gaactctttg ctgttgacct aactaccgtt	180
tcacaaggat tgaaagatga ggttctctac aagtgtagaa agtgcaggcg atcattatctt	240
cgaagttcta gtattctgga tcaccgtgaa ggaagtggac ctatagcctt tgcccacaag	300
agaatgacac catcttccat gcttaccaca gggaggcaag ctcaatgtac atcttatttc	360
attgaacctg tacagtggat ggaatctgct ttgttgggag tgatggatgg acagcttctt	420
tgcccaaaat gcagtgccaa gttgggttcc ttcaactggt atggtgaaca gtgctcttgt	480
ggtaggtgga taacacctgc ttttcaaata cataagaata gagtggatga aatgaaaata	540
ttgcctgttt tgggatcaca aacaggaaaa atatgaacat gatattttat agcttgggaa	600
gaaacttgca gatgatagt gctgcctttg cttcttatca ttcattggcag atgtttgtgc	660
tttcaacatt tcatttgaaa tgggagaaga taaaatcact tgatgtacct ggaaactatg	720
ctttacatgg caatcaaagc cttt	744

<210> 2707
 <211> 699
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(699)
 <223> n = A,T,C or G

<400> 2707	
naatcgctag gctcttggtc tttttgcagg atcccatcga ttgaattcg gcacgagcta	60
tgatcaggac tgactaggta gttggcatgg cccatagaga acaaggaaag atgggctggt	120
ggattggccc acctgggagc cacatggggc aaggggagcc ctcacctca gccagccaga	180
cgagtgggat ttccccagc acagcatacc cccttcacaa agggacaact aaagtgttc	240
attaagcaag tcctggatcc tgtgcccccc aactgggtga gacaccccaa tgggtcacca	300
gacaccttat acaagagcat ttctactggc atcaggtggg tgccccctca ggacagagat	360
cccagaggaa ggagtggggt ctcatctttg ctgttctcca gcaactctctg gtgacatctt	420
caggtgtggg agggacccag ataagtaggg cttgaagtga atccccagca aactgcagca	480
gccttacaga agaggtgcct gactgttcaa agggaaaacag aaagcaacaa caacatcaac	540
caaaaagtcc ccacgaaaac ctcatctaaa ggtcagcagc ctcaaagatc aaaatgagac	600
aaactcatga agatgagaaa ggaatgaaaa acccctcaca actcaaaagg ccagantggc	660
ttgtttactc caaatgatca caacacctct acagcaagg	699

<210> 2708
 <211> 692
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(692)
 <223> n = A,T,C or G

```

<400> 2708
tacangctac ttgttctttt tgcaggatcc catcgattcg aattcggcac gagagaacag      60
ggagaagaga ggaagaggga gctgcagggt ccagaagaga acagggcgga ctctcaggac      120
gaaaagagtc aaaccttttt gggaaaatca gaggaagtaa ctggaaagca agaagatcat      180
ggtataaagg agaaaggggt cccagtcagc gggcaggagg cgaaagagcc agagagttgg      240
gatgggggca ggctgggggc agtgggaaga gcgaggagca gggaagagga gaatgagcat      300
catgggcctt caatgcccgc tctgatagcc cctgaggact ctccctactg tgacctgttt      360
ccaggtgcct catatctcgt gactcagatt cccgggactc agacagagtc cagggtctgag      420
gaactgtccc ccgcagctct gtctcccttg ctagagccca tcagatgctc tcaccagccc      480
atttctctac tgggctcctt tttgactgag gagtccctg acaaggaaaa acttctatca      540
gtactttgat atgtcacagt ttcattgtta tccagttcaa tgtattttta aatttttcct      600
tgagacttct ttgactgata gattattgtg aatgtgtttt taaatttcca aatgtttang      660
gattttcata tctttcttat gctgatttcc aa                                     692

```

<210> 2709

<211> 719

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(719)

<223> n = A,T,C or G

```

<400> 2709
gcnnnnnnntn nnnttgcnaa tcgctaggtt acttgttctt tttgcaggat cccatcgatt      60
cgaattcggc acgagttttt tctaatacaa acgcattctt ctttattcaa accaggggtca      120
aactggtcaa tgggaaacgc cctgaagcca cgtgcctggg gagaaaggct tcctactcgg      180
ttcggttcag cgctgcgtgg gatccacgcg gctggctgtg cgcaaccccc acagttcacc      240
tcagacacta ccaagcaggt cagtcgacaa aagcaaggaa ttaaacaata aacagaaata      300
cactcagtag atttcttcta gaagctccca gagtttcttg accaccaagt cccaaccccc      360
aaagccagga gcgaggggac taacagcgca cccctccac cagtgcgcgac ggaaaccccc      420
ttttaaatta aaaaataaag cagtatacat cgtagaaaat ttctcttaaa aatctcacia      480
tttgtaaatg tatatttttt ctttaacata aaagtttaca atataccgta aaacaaaagg      540
ctcaggaaaa taatttccaa aaaaaaggaa gaaaaagaaa cctgaagttt tgaattaaag      600
ctgaagacat ttttttaaaa ccctgttggt gaaccagtga ctttttttta ttgngctgat      660
gggttagaga aagaaatatt taaaaacaaa nanannnnnnn annnnnnnnnn nnnnnnnnaa      719

```

<210> 2710

<211> 715

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(715)

<223> n = A,T,C or G

```

<400> 2710
gncnntnttn acttcnaat cgcttggcta ctcgtnctct atgcaggatc ccatcgattc      60
ngacagactc gtctnatcag agatggggag aangtcgaag cctatcantg gagtgttagt      120
gaanggaggn ggataaaaat tggngatgtn gttggctcat cnggtgctaa tcancnnaca      180
tctgnaaaag tnntatntga agggananaa tttgattatg tnttctcaat tgntgttaat      240
gancgtggac catcatataa nttgccatat aataccagtg ntgaccctnn nttanctgcc      300
taccactnnt tacagancnn tnanntgaat ccnntgttnn nngntcaact ncnttaantc      360
atnantggtn acacataagg tnatangntg gnactngaga atnccagntt nncagatcca      420
tttacangcn gtinnacagg atgtcacnnc tctnctngat ctnttgacnc actgcccacn      480
gctgatcctt tnnaaantgc tgnanngnat gtaccacatt ctgaatgtat cnnaactncn      540
atnnccctgat aancatccat ntcagggaan attgcctccc natcngnatg cntntaaaac      600
aatgaatctt gggcccctna tanctaggct gncacattat gaccangctt accctacacc      660

```

aatattangt aaactgaaat gaactttatg gaactgnnt nntagcaciaa ntttc

715

<210> 2711

<211> 721

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(721)

<223> n = A,T,C or G

<400> 2711

ttnaagcctn	tnttnanttt	caaatecgcta	ggctacttgt	tctttttgca	ggatcccatc	60
gattcgaatt	cggcacgaga	ggaggaaagg	gaactccctg	accccttggt	cttcccaagt	120
gaggcaatgc	ctcgccctgc	ttcggctcgc	gcacgggtgc	cgacccact	ggcctgcgcc	180
cactgtctgg	cactcgctag	tgagatgaac	ccggtacctc	agatggaaat	gcagaaatca	240
cccgctcttct	gtgtcgctca	cgctggggagc	tgtagaccgg	agctgttcct	attcggacat	300
cttggctcct	ccccaaaggt	tctggagtct	gagaagtcaa	ggatcggggg	gctggcctat	360
tcagttcctg	gtaagggctg	tcttcctggc	ttgcagttga	actacttctt	gctgtgtctt	420
cacaagcatg	cccccatcct	gtgccgataa	gaactccana	ccccaaactc	agctcataca	480
cacacggaag	agagaagcat	ctgaacatca	agaagagaan	aagctgctgg	acatcagaaa	540
ctgtgaaaag	agaggagttt	ggctgagctc	caggggaaga	ctgcctgcac	attctatccc	600
cttttcagtt	ccccatcctg	ctgtcagcca	catttaccac	tcaataaaat	cttcacattc	660
accatccttc	aaaaaaaaaa	aangaaaaaa	ctcgagcctc	tagaactata	gtgagtcgga	720
t						721

<210> 2712

<211> 711

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(711)

<223> n = A,T,C or G

<400> 2712

gcngntnttn	antttcaa	cgctnggcta	cttggtcttt	ttgcaggatc	ccatcgattc	60
gaattcggca	cgaggataaa	tacctcagcc	cctcgccctc	ctcaaccac	ctggcaagtc	120
ttcttaggat	ctgatcccag	ttttctggaa	gcaatcctac	cccagcccaa	gcttcccaga	180
gtcagagcct	aatccttctc	acttctcagt	gtcagagcag	aatgaatcc	tgggggtgac	240
tgtgtccatt	cgggttatta	gcagctaaga	agccagacg	agtagtgtga	gctgccttgg	300
gagcctcagt	gagggcactg	ggactggcct	cactctcttg	ccccagcct	agtgggcttt	360
ctcctctgtc	tctccgggtg	ccccaggcaa	tcgactgcat	cacgcaggga	cgtgagttgg	420
agcggccaag	tgcttgccca	ccagaggctc	acgccatcat	gcggggctgc	tggcagcggg	480
agccccagca	acgccacagc	atcaaggatg	tgacgccccg	gctgcaagcc	ctggcccagg	540
cacctnctgt	ctacctggat	gtcctgggct	agggggccgg	ccaggggctg	ggagtgggtt	600
gccccgaata	ctggggcctg	ccttagcatc	ccccatagct	tccacagccc	caggggtgatc	660
tcaaagtatc	taattcacct	taacatgtgg	gaagggacag	gtggggcttg	g	711

<210> 2713

<211> 771

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(771)

<223> n = A,T,C or G

```

<400> 2713
nttnaacata cangctactt gttctttttg caggatccca tcgattcgaa ttcggcacga      60
gggtgaaagag ttcattgacct ccttgccgag ggccctgggtg tctgcgatca agggctgcag      120
aaccagnccc ngngcntggg ggnctgacc tcttacannn cgtgccgtat tcnaatcggt      180
ggatcctgc tcaaggactg tagctcntnt acganaangn tnacnnacnt gatagacacg      240
tccacatcac anttgcccc aaactgcttg tgctcctcna tgggtgtctct ccctccagaa      300
aacgcatgct tattgacctt ggttttgatc tgcttgcccg tgctcggtag gaagatggag      360
gagttggggg cgctggcact ctttttgatc tgggcgccct gcanggctgg gaagaagggtg      420
gagtgcacat gggataaggc actggatc cgtcctgtct cggaagatct gtgggaatga      480
gttgctgaag gagggagcan cctgnatggc angaaaactg atcttcccaa tgcantcgct      540
gtcantgaag ccgaaaatgc ctttcaactg gttgaaggta acatgctttt gaatcttcac      600
cacatttttg tanaaacctg aactgctcta naactatant gagtcttatt acntanatcc      660
anacatgata agatacattg atgaatttgg acaaacccaca actagaatgc antgaaaaaa      720
atgctttatt tgtgaaatth gtgatgctat tgcttttatt gtaaccatta c      771

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<210> 2714

<211> 752

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(752)

<223> n = A,T,C or G

```

<400> 2714
gngagnnnnn tttttaanat cagctacttg ttcttttngc aggatccctc gattcgctca      60
aaaccaaata tcaactcagc tacagaatct actgtggtcc ttgtctgaaa aaattagttc      120
actcgggttg aatcttgtct cagagcatcc tcatctcttt ctcaaaagcc cctaccccaa      180
caccggcgtg ttggttgtct attgaaactt acaagtggat ggaccctttc tcccgataaa      240
actggccttt gaaagctcta atcgaaatgg tttggcaaaa tccatactgc aggagattag      300
ggaggacaag aatgatgtgc cttttgttac tgctgagcct gatggtggtg ccactacttc      360
aggtacttag atgagtcttg atgctaatag aattgtgtcg ccaaacatat ctggacagtt      420
acaacctaata ctatgcatta attggttttg gaattgcttg aaattattgn ttaattcaat      480
gttttaattc gttttcctaa aaatttaagt gcccccata tctgcaata cctcagtga      540
gcaactcctt gattcttggg tgaactgaact tntaacttg actctgcca ttggtcccat      600
ttttcatgtt tttcacaaat agttaaccag gtacctacta ctgtgcaccg ctgcagaagc      660
attgaaggat gtatgtgatg agtnaaaaca cccaacctgc tctgctgngt taggattatg      720
acngaaactg gtcaaatca catgtgaaca aa      752

```

<210> 2715

<211> 742

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(742)

<223> n = A,T,C or G

```

<400> 2715
gnnagnnnnn nnnnngnnng ntttnaaga ncagctactt gttctttttg caggatccca      60
tcgattcgaa ttcggcacga gggaaccccc accattaagc taaagtaaaa cccttttgag      120
ggaagaggga gactggggag aagggaagg agagaaggca gggagagtag ggagagaaaa      180
ccttccagca gccagtaaa ctgcgggcga agagatctac ccgtctccct ccctcccaca      240
gttaccattg gccttgtcat cgcaagcatt tgacaaagac ttgcttgtct tgggcctgtc      300
acctcctgaa aggtgcttt agctgtggat gcccttgatt aaggagaga ggccttagga      360
gctgcctgcc ccagctgggg tgacggctgt agggctgggt ctatgttgca agccctatat      420
cctagcatgc agtggaagt gcttagctct ctccctcctg acctctgggc agccagtcac      480
caaagcagag agacgtggcg gcatgtgggc agcatgcca gggtccttgc tgactcagca      540
cttatttctg tagttttaaa aaagaattta atgtttttg ttgtattttt ttgggggggt      600

```

gaggggtgggc	aaaaacatgg	gggtagttct	gagttgttag	aaatgtttct	tgaatcaaag	660
tttgtttgaa	gacacctgtg	cctttgtacc	cattataaga	tggtcattaa	gacccaagaa	720
actgataact	ttggnttttt	tt				742

<210> 2716

<211> 742

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(742)

<223> n = A,T,C or G

<400> 2716

gnnagnnnnn	nnnnngnnng	nttttnnaaga	ncagctactt	gttctttttg	caggatccca	60
tcgattcgaa	ttcggcacga	gggaaccccc	accattaagc	taaagtaaaa	cccttttgag	120
ggaagaggga	gactggggag	aagggaaaag	agagaaggca	gggagagtag	ggagagaaaa	180
ccttcacgca	gcccagtaaa	ctgcgggcga	agagatctac	ccgtctccct	ccctcccaca	240
gttacatttg	gccttgtcat	cgcaagcatt	tgacaaagac	ttgcttgtct	tgggcctgtc	300
acctcctgaa	aggctgcttt	agctgtggat	gcccttgatt	aagggagaga	gcgcctagga	360
gctgcctgcc	ccagctgggg	tgacggctgt	agggctgggt	ctatgttgca	agccctatat	420
cctagcatgc	agtggaaaag	gcttagctct	ctccctcctg	acctctgggc	agccagtcct	480
caaagcagag	agacgtggcg	gcatgtgggc	agcatgccca	ggttccttgc	tgactcagca	540
cttatttctg	tagttttaaa	aaagaattta	atgttttttg	ttgtattttt	ttgggggggt	600
gagggtgggc	aaaaacatgg	gggtagttct	gagttgttag	aaatgtttct	tgaatcaaag	660
tttgtttgaa	gacacctgtg	cctttgtacc	cattataaga	tggtcattaa	gacccaagaa	720
actgataact	ttggnttttt	tt				742

<210> 2717

<211> 733

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(733)

<223> n = A,T,C or G

<400> 2717

gnnnngnnnn	nnnnngnnng	ntttntagat	anagctcttg	ttctttttgc	aggatcccat	60
cgattcgaat	tcggcacgag	gccttcctgt	nnacagcgng	gcaagangaa	tcatnntgnc	120
tgngcatttt	gcctncttta	tctgggnnta	tantgtacat	nnaggacaga	ccactcctaa	180
ttgacaacat	ctannctntn	tggtatgtna	agangttgcc	agngtatnac	aaangtnngn	240
ntagnanact	aatntntttt	gtacattntg	gnttacaagt	cctaggaaan	attggcttct	300
gaaaatttga	tgntnnttgg	gttgatggag	atggnaaggg	ntctangcca	gaatgntcac	360
atttgggaaga	ctctntcnaa	tttnnactgt	nggtacatgt	ttgcanntat	attcaanact	420
gctgtntaca	tagtagacaa	atnaactcct	tacttgaaac	atctagtcta	tctagatgtn	480
tagaagtgcc	ccatgnatgc	taaatgtata	cgtagtgaaa	taccactttg	nnaatatctc	540
tttgctaaaa	ttcatncgaa	atgcttttgg	aaattgantn	gnnaanncac	ctttgtnaac	600
agnntantgn	tgnttatcct	tgnncaatat	nttaaaggac	gtaaggangg	aagaaattgc	660
aaaaagggat	atcctancgt	gngcatactt	gggcatttca	gacccttggt	ctatatgntn	720
gggcatctgg	gtt					733

<210> 2718

<211> 733

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(733)

<223> n = A,T,C or G

<400> 2718

gnnnngnnnnn	nnnnnggngng	ntttntagat	anagctcttg	ttctttttgc	aggatcccat	60
cgattcgaat	tcggcacgag	gccttcctgt	nnacagcgng	gcaagangaa	tcatnntgnc	120
tgngcatttt	gcctnctta	tctgggnnta	tantgtacat	nnaggacaga	ccactcctaa	180
ttgacaacat	ctannctntn	tggtatgtnaa	agangttgcc	agngtatnac	aaangtngan	240
ntagnanact	aatntntttt	gtacattntg	gnntacaagt	cctaggaaan	attggcttct	300
gaaaatttga	tgncntntgg	gttgatggag	atggnaaggg	ntctangcca	gaatgntcac	360
atttggaga	ctctntcnaa	ttntnactgt	nggtacatgt	ttgcanntat	attcaanact	420
gctgtntaca	tagtagacaa	atnaactcct	tacttgaaac	atctagtcta	tctagatgtg	480
tagaagtgcc	ccatgnatgc	taaatgtata	cgtagtgaaa	taccactttg	mnaatatctc	540
tttgctaaaa	ttcatncgaa	atgcttttgg	aaattgantn	gnnaanncac	ctttgtnaac	600
agnntantgn	tgntatcct	tgnncaatat	nttaaaggac	gtaaggangg	aagaaattgc	660
aaaaagggat	atcctancgt	gngcatactt	gggcatttca	gacccttggt	ctatatgntn	720
gggcatctgg	gtt					733

<210> 2719

<211> 749

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(749)

<223> n = A,T,C or G

<400> 2719

nnngnnnnnn	nnnnngnnngn	nnnnnnnnngn	nnnnntnttt	agatcagctc	ttgttctttt	60
tgaggatcc	catcgattcg	aattcggcac	gagctcatgc	ttcaagaagc	agataaactg	120
ggctgcaaac	agtttggtac	tcctgcagat	gtggtttcag	gcaatcctaa	acttaattta	180
gctttttag	ctaatttggt	taacacatac	ccgtgcctgc	acaagccgaa	taataatgac	240
atcgatatga	atttactgga	aggagagagc	aaggaaagaga	gaacatttcg	gaactggatg	300
aattccttgg	gagtcaaccc	atacattaat	catttggtaca	gtgaccttgc	agatgcttta	360
gtgatctttc	agctctatga	gatgatccga	gtgccagtca	actggagcca	tgtcaacaaa	420
cctccttatc	ctgcccttgg	agggaaacatg	aagaagggtga	atgaaataat	ggccatggat	480
atattgntat	tgttctgata	tgaacaaaag	aatttagagt	ttcatgaagt	tatacgtgct	540
ctgtccccac	aattctgatt	cagaccaaaa	tgtgttaagc	ttaatagcct	ttttacaagt	600
ttgctttaat	aaatttgaag	atgaaggcaa	aaaaaaaaaa	nnnnnnnnnn	nnnnnnnnnn	660
nnnnnnnnnn	nnnnnnnnnn	nnanaaaaaa	aaaacctngn	ccctttaaac	tttnggnggc	720
nttncntaa	nncnnactt	gaaaaancn				749

<210> 2720

<211> 768

<212> DNA

<213> Homo sapiens

<400> 2720

acatacagct	acttggtctt	tttgcaggat	cccatcgatt	cgagacagtc	aagctgcatt	60
gcaacactgc	atgtctgact	aacagcatat	attgtcctga	agaagcatct	gtagggaatc	120
cagaaggagc	gttctgaag	atgttacaag	cccggaaaga	gcacatgagc	actcagctga	180
ctattgagtc	ggaggcgccc	tcagacagca	gtggcatcaa	cttgctcaggc	tttgggggtg	240
atcagcttga	aattcagcta	accgagcagc	tacggtcctt	catccccaac	gaggatgtga	300
gaaagtcat	gtctcatgtt	atccggacct	tgaatatgga	atgttcagaa	acacatgtgc	360
aaggagctg	tgccaagctc	atgttgcgaa	caggcctcct	gatgaagctt	ctcagcgagc	420
agcaggaagc	aaaggcattg	aatgtagaat	gggatacgga	ccaacaaaaa	acaaattata	480
ttaatgagaa	catggaacag	aatgaacaga	aagagcagaa	gtcaagttag	ctcatgaaag	540
aagtccagg	agatgactat	aagaacaaac	tcatcttcgc	aatatctgtg	actgtaatac	600
taataatatt	gattataatt	ttttgtctta	tagaggtgaa	ttcacataaa	agggcatcag	660
aaaaatcaaa	gacaacccat	caatatcagg	agcctgagca	tgagttaaag	catgtggatg	720

gcctggaact atgtttttaa aatggtatta aatattggtt ttttactt

768

<210> 2721

<211> 735

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(735)

<223> n = A,T,C or G

<400> 2721

gagaggnnnt	tttgaagncn	gctngnngnc	ttttnganna	gttntcgten	gcangatgna	60
cacacggaga	cagatactgt	ggaccccaana	agcaatggac	ggccccccac	tgctgctgct	120
gtcccccgaat	ctgcgaaata	catcgctcag	gtgctgcagg	actcagaggt	ggacggggat	180
ggggatgggg	ctcctgggag	ctcaggggat	gagcccccat	catcctcatc	ccaagatgag	240
gagttgctga	tgccaccgga	cgccctcacg	gacacagact	tcagtcttgc	gaggacagcc	300
tcatagagaa	tgagattcac	cagtaagggg	agggaggggc	cctggaggcc	acatcctgcc	360
ccacccccacc	cccactccca	cngacactaa	aacgctaata	at ttattana	tctaaagccc	420
cttctnccca	gcccctgctt	tcattaaggt	at tttaactt	gggggtttca	ctgctctccc	480
cccatgatgg	aaggagggag	ccccccaacc	tcagtggaga	nagccccgag	ccggccccgg	540
ggcaaagagg	ggtgcagagg	gagttcccca	natcaagtcc	cccaaccctt	cccactagta	600
catgaccagg	anaggggtta	tgataccaac	aagagtcttg	gtgcacctgg	tgccggtggc	660
tggagacctg	gggggcanct	ggatctgggg	ctgatcccc	ctccgttttt	tcacccacat	720
ttctctggga	tttgc					735

<210> 2722

<211> 716

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(716)

<223> n = A,T,C or G

<400> 2722

tnnnnntttt	tnaaccagnn	ttcnaatcct	tggcgnnagg	ctacttggtc	tttttgcagg	60
atcccatcga	ttcgaattcg	gcacgagaag	aaaggctgcc	tttgagttga	ccaaccatgt	120
tgaggtggta	gatgggtgct	aaactcactg	tagtctgagt	aattgacttc	cacaagtcac	180
ccccactgtt	gagcctttca	aaatgaagtc	tcagtatatt	tacaaattaa	tggacatcct	240
ctctggggat	tagtcatatt	ctaattcaac	aaagacattg	tttgaagttt	gtttttgttt	300
gctaaatgaa	ctaaaaatta	tgagatttgc	acctaaaggt	actgaggtaa	aggagagcca	360
aaagtggggg	agtcaatcta	cttattcaga	atgagtcgat	aatttaaaca	tgtctaatag	420
cagagacagt	atattataga	aatggcatta	cattctctga	gatctgcttt	tactgaagtg	480
gatcaatgat	gaaactagcc	aaatctgagc	atcagaaggc	tttccggtct	acctgatgca	540
tgatctctac	agttctgaga	agcagaacta	taaaacaatg	taaaacaata	agggcatatg	600
tctggtgtgt	gtgtgggggg	tgtgtgtgtg	nnnnncnnnn	nnnnnnnnnn	nnngnnncnn	660
nnnnngnnnn	nnnnnnntnn	nnnnnngnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnc	716

<210> 2723

<211> 751

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(751)

<223> n = A,T,C or G

```

<400> 2723
gagaggnntt ttanagcctg ctacttgctt tttttgcnga tcatcgattc gaattcggca      60
cgagaaatac ctcaggaaaa acgaggaggt gaagtattgg attcttctca tgatgacata      120
aaacttgaaa aaagtaatat tttgctgctt ggaccaactg ggtcaggtaa aactctgctg      180
gcacaaaccc tanctaaatg ccttgatgtc ccttttgcta tctgtgactg tacaactttg      240
actcacgctg gatatgtacg cgaagatatt gaatctgtga ttgcaaaact actccaagat      300
gccaatata atgtggaaaa agcacaacaa ggaattgtct ttctggatga agtagataag      360
attggcagtg tgccaggcat tcatcaatta cgggatgtan gtggagaagg cgttcatcaa      420
ggcttattaa aactacttga aggcacaata gtcaatgttc cagaaaagaa ttcccgaag      480
ctccgtggag aaacagttca agttgataca acanacatac tgtttgtggc atctggtgct      540
ttcaatgggt tacacagaat catcancagg aggaaaaatg aaaagtatct ttggatttgg      600
aacaccatct aatctgggga aaaggcagaa gggctgcagc ttgctgnaga ccttgnttaa      660
tcnaaagtgg ggaatccaat acttaccaa gacattgaan aaaaagatcg ggtntgcgct      720
atgtggaaac cngagatctg attgagtttg g                                751

```

<210> 2724

<211> 749

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(749)

<223> n = A,T,C or G

```

<400> 2724
gngagnnnnn tttanaanat caggctactt gttctttttg caggatccct cgattcgtaa      60
gtgggctaag accagaagag agacttattc gcttaagtag aaacatgtgc cttttattaa      120
ctgcagtcct gcattttatc catggaatga cagaccctgt attaattgtct ctcagtgcct      180
ctcatgtgtc atcttttcgt agacattttc ctgtgctggt tgtctctgct tgcctgttta      240
ttcttctgt cttactcagt tatgttcttt ggcataccta tgcactaaat acatggttgt      300
ttgcagttac agcattttgt gtggaactgt gcttaaaagt nattgtttct ctcactgntt      360
atacgttatt catgattgat ggctactata atgtcctctg ggaaaagctt gacgattatg      420
tctactacgt tcggtcaaca ggcagtatta ttgaatttat atttggagtt gtaatggttg      480
gaaatggggc ttacacatag atgtttgagt cgggaagtaa aattcgggct tttatgatgt      540
gcctacatgc atattttaac atctacttac aagccaaaaa tggctggaag acatttatga      600
atcgtaggac tgctgtgaag aaaattaatt cacttcctgn aataaaaggg agcccgtta      660
caagaaataa atgaaggatg gtgcaatctg ctatcatgag tttacaacat ctgctcgtat      720
tacaccgtgt aatcattatt tccatgcc                                749

```

<210> 2725

<211> 746

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(746)

<223> n = A,T,C or G

```

<400> 2725
gagnnnnttt taataacagc tacttggtct ttttgcggat cctcgcattc gaattcggca      60
cgagcgtgga gagaatactc agaaatgaac ctcttttaaag ccttgcagga atgagtcact      120
cttacttaat gaaatgttaa agccaattaa aaagcatgct gtgatgccca gcttcccttt      180
ccacaggggt catgcgtctc ctgctggtga atcacatgct gcaagaggca actggctcca      240
cagcctggga tgctgccgta ccaagaggaa agaagcagca aaatgccttt acgttgttct      300
aaacccccga cgcataaagt gtagaggagg gatggccaag ggtgggtggg tagaaagtgt      360
gttcaggctg aactggcaa tgagtacaga taatttctact ttctcttca ggggcaaagg      420
ctgatggcct ctacctttgt atccaggaga aactgcagag cagccctgtg actttacaaa      480
atatgctacc tcaaagtgt acccgataaa cttttctaata tgtaagtgcc cttactaagg      540
gcacatgtct taatcaaagt tagttttttg ttttctgggt tgnttttttt ttttgnatat      600

```

tgatgaatga	gatcttacct	attaaatata	ttattggatt	atgggtcctg	aaggtcatta	660
aaagtttgag	tgtgtgtgtg	tgtgtgtgtg	tgtgtgtgtg	tgtttatgac	ttaaatatct	720
ttacgtgngg	tttttaaaac	ttgggt				746

<210> 2726
 <211> 967
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(967)
 <223> n = A,T,C or G

<400> 2726						
agtanggcgn	ttcctaattnn	annnggctaa	gcgacttttna	aagangaggc	tngcgtgntg	60
aataccgnnc	gaggggggat	nacaatagta	nacnnggtnc	caatncatgc	ttaacaccgc	120
atntctttac	ccccnannnn	ncacanatgc	agacncacac	atngcanncg	nacacncaga	180
cacacacang	caagcactnn	catgcatggc	ccatgctcac	acacntgnan	nnaacatgcn	240
gtagacatnt	nagacacgtc	atgtnacaca	tgtnnacacan	gnnnaanaca	ctgcttttnc	300
ngcanacnca	gacggcacnn	ngagacanac	atgcnnaaac	aacatgctcn	ctcacntnna	360
nncgntgggc	cngtagtagt	gtactgtggg	tgtnnactggg	tgccatcnac	nnngtatattt	420
acgnnctttt	aactaaaaan	cttggagcct	tnanttnntn	tggtgantnc	aatncctana	480
antnncttga	gnnggatgaa	ccctaananc	ctggccctnn	tnccnctttc	aaggccnagn	540
aattganatt	attncntant	ngnncacgaa	gcttntggta	ncangngncc	cgagnnctnt	600
tnaaanttnn	ctnttttnan	aatnaaacat	tttancgggt	ctnaggancc	gngcctncng	660
ggtanggann	naattgtnc	tggnnatagt	tctcacaant	natnttnaag	gggnnaagn	720
atnngngngg	nccntntatg	nggcnngcc	annaangggg	tcgnngtta	natattccaa	780
gntaacanan	gnacnatggn	accnatccct	ntnngaagna	aggaactncc	tgnncgacta	840
nnnactatgn	naaatattct	cacatntaca	naaaaagnag	gnnccnnggt	ncttnaagnt	900
tntgcatagn	nactatncnt	gggacnggtt	aacnnanatt	ntatgcttta	nnngatnggg	960
gcttnnn						967

<210> 2727
 <211> 967
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(967)
 <223> n = A,T,C or G

<400> 2727						
agtanggcgn	ttcctaattnn	annnggctaa	gcgacttttna	aagangaggc	tngcgtgntg	60
aataccgnnc	gaggggggat	nacaatagta	nacnnggtnc	caatncatgc	ttaacaccgc	120
atntctttac	ccccnannnn	ncacanatgc	agacncacac	atngcanncg	nacacncaga	180
cacacacang	caagcactnn	catgcatggc	ccatgctcac	acacntgnan	nnaacatgcn	240
gtagacatnt	nagacacgtc	atgtnacaca	tgtnnacacan	gnnnaanaca	ctgcttttnc	300
ngcanacnca	gacggcacnn	ngagacanac	atgcnnaaac	aacatgctcn	ctcacntnna	360
nncgntgggc	cngtagtagt	gtactgtggg	tgtnnactggg	tgccatcnac	nnngtatattt	420
acgnnctttt	aactaaaaan	cttggagcct	tnanttnntn	tggtgantnc	aatncctana	480
antnncttga	gnnggatgaa	ccctaananc	ctggccctnn	tnccnctttc	aaggccnagn	540
aattganatt	attncntant	ngnncacgaa	gcttntggta	ncangngncc	cgagnnctnt	600
tnaaanttnn	ctnttttnan	aatnaaacat	tttancgggt	ctnaggancc	gngcctncng	660
ggtanggann	naattgtnc	tggnnatagt	tctcacaant	natnttnaag	gggnnaagn	720
atnngngngg	nccntntatg	nggcnngcc	annaangggg	tcgnngtta	natattccaa	780
gntaacanan	gnacnatggn	accnatccct	ntnngaagna	aggaactncc	tgnncgacta	840
nnnactatgn	naaatattct	cacatntaca	naaaaagnag	gnnccnnggt	ncttnaagnt	900
tntgcatagn	nactatncnt	gggacnggtt	aacnnanatt	ntatgcttta	nnngatnggg	960
gcttnnn						967

<210> 2728
 <211> 738
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(738)
 <223> n = A,T,C or G

<400> 2728
 gagagnnntt tntaatnncg gctcttgttc tttttgcggt ccctcgttcg agaaaatgaa 60
 gatgaacaga atagtccgcc aaaaaagggt aaaagaggcc gaccaccaa acctcttggg 120
 ggaggtacac caaaagaaga gccacaatg aaaacttcta aaaaaggaag caaaaaaaaa 180
 tctggacctc cagcaccaga ggaggaggaa gaagaagaaa gacaaagtgg aaatacggaa 240
 cagaagtcca aaagcaaaca gcaccgagt tcaaggagag cacagcagag agcagaatct 300
 cctgaatcta gtgcaattga atccacacag tccacaccac agaaaggacg aggaagacca 360
 tcaaaaacgc catcaccatc acaacaaaaa aaaaatgtcc cgtgtaggac gctccaaaca 420
 agcagctact aaggaaaaatg attcaagtga agaagtagat gtgtttcaag ggtagctctc 480
 ctgtcgatga tattccacag gaagaaacag aggaggagga agtttctaca gtaaagtac 540
 ggcggcggaag tgctaaaagg gaacggcgat gaacaaatgt aattaataac tttctctgtg 600
 aaagctttgg aaaaatcttt tttttttttt ggtcaagctt gagcttgata aagcctttga 660
 tgcacaaaat gggctgctga aaatggacag ttggncttac tttggtgcc ctactttgtg 720
 gcacatcttt accatcac 738

<210> 2729
 <211> 747
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(747)
 <223> n = A,T,C or G

<400> 2729
 gnngnngnnn nnnnnnnngn nnnnnnnnnn nngnngnnt ttatgnatca gctacttggt 60
 ctttttgtag gatcccatcg attcgctcca ttgtgaagat ccaggcattt ttccgagcca 120
 ggaaagccca agatgactac aggatattag tgcattgcacc ccacctcct ctcagtgtgg 180
 tacgcagatt tgcccatctc ttgaatcaaa gccagcaaga cttctctgct gctgtgatct 240
 gcacacctc caacctgggc agggactggg gggatgcagt gtgtgttagt gccatgtgg 300
 cattgtggca ctgttgcccc ccattggcgc atgggcaaga tgacctcca ttagcttcaa 360
 gtctgttct ctgtctgtg gtctgtttaa tatgtgggtc actagggtat ttattctttc 420
 tcccatcctt acactctgga tcattgtgca gacttaatca gggttttaac gctttcattn 480
 tnnntttttt ttttttgact caaagagagt tctcattttc cctattcaaa ctaataccca 540
 tgccgggttt tttaccttgg atttaaagtc accttngttt ggggcaacag attctcactc 600
 atgtttaana nctgggtattt cagcttcata agatcaaaga ggagtctttc cttttctctt 660
 ttacctcag gatctcatcc cttacagctg actcttncag gcaatttcca tagaactgna 720
 gtctgtcttt ggcacaagct ntntgtg 747

<210> 2730
 <211> 716
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(716)
 <223> n = A,T,C or G

```

<400> 2730
tttattaatg cttggctact cgttctttnt gcaggatccc tcgattcgaa ttcggcacga      60
ggctcctaaag ccgctgaagc aaaaaccatg ataaaacatt ctgctttctt ttctttttaca    120
acccccacgaa cgcaaaaaaa aaaaaaaaca aaaacaaaac aaaaaaaaaga aacaacaaca    180
aaacccaaac tattttagag aaaaaatggt tttgtacatg ggatgaaaca atataaatc      240
aaaacttaca gataagggtt agctctatca ctcaactctt taaaaagttt atatgaatat    300
ccagtcaaaa ccaacacggt attgcccttg aaatgttaac tagacggatt tccaaggaga    360
ccacaggact gtatactgtc ttggaatgtc ctcaagaaggc tctgtcattg atcaggtaac    420
agtaaaaacc ccagtttctt ttcttagctg atgtcttttg ccagaacacc gtgggctgtt     480
acttgctttg agttggaagc ggtttgcatt tacgctgtga aatgtattca ttcttaattt     540
atgtaagggt tttttgtac gcaattctcg attctttgaa gagatgacaa caaatttttg     600
ttttctactg ttatgtgaga acattangcc ccagcaacac gtcattgtgt aaggaaaaat     660
aaaagtgtcg ccgtacaaaa aaaaaaatnn nngnccnann nncnaannct tngnnt      716

```

<210> 2731

<211> 731

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(731)

<223> n = A,T,C or G

```

<400> 2731
tgnntttttn nagtcaancc ttggaaatcc ttggctctng ccgctntctg caggatccca      60
tcgattngct nngcagctcc ccttccantg agagccctnc acacnatttn anaaaacctnt    120
nccnatgcat naactttcaa nccatancat gcatncnggn tattgntnca tgctgatcat     180
nnaacctnnn gtccaacagg gcggnnncgt aatggntgnt tnnttnactt tttantntgt     240
ggngtatnnn ntagnnncng cggngcnggc tcannttact ggaccttgca naccctnnga     300
ttngcnntg ngngnntcng gctcnnacnn acatgngntt acagacatnc tggcatgttc     360
atntcnnctg gntntcncn ngtnaanang gngnctnanc ntgntngcca agctgntnnn     420
annctcctgg gntacnttna nntnnnatnt tgactcatac cgttgctgat tncaaggcnt     480
gagccaccac tccctggcaa ngngcgttg cttgacattn cnactaagac tatgactatn     540
atgntnccgt gacgacacta tagtcctccn nacttntcng tcaagtggca tctgggattg     600
tntcaacatg gataaanggg ccttctanat atcnnngcgt tgancntcat ttncctgcnt     660
tccatganaa ttngngcact gaancttana gggccttatt cncncnngan cancacncgn     720
ngatactanc c                                     731

```

<210> 2732

<211> 731

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(731)

<223> n = A,T,C or G

```

<400> 2732
tgnntttttn nagtcaancc ttggaaatcc ttggctctng ccgctntctg caggatccca      60
tcgattngct nngcagctcc ccttccantg agagccctnc acacnatttn anaaaacctnt    120
nccnatgcat naactttcaa nccatancat gcatncnggn tattgntnca tgctgatcat     180
nnaacctnnn gtccaacagg gcggnnncgt aatggntgnt tnnttnactt tttantntgt     240
ggngtatnnn ntagnnncng cggngcnggc tcannttact ggaccttgca naccctnnga     300
ttngcnntg ngngnntcng gctcnnacnn acatgngntt acagacatnc tggcatgttc     360
atntcnnctg gntntcncn ngtnaanang gngnctnanc ntgntngcca agctgntnnn     420
annctcctgg gntacnttna nntnnnatnt tgactcatac cgttgctgat tncaaggcnt     480
gagccaccac tccctggcaa ngngcgttg cttgacattn cnactaagac tatgactatn     540
atgntnccgt gacgacacta tagtcctccn nacttntcng tcaagtggca tctgggattg     600
tntcaacatg gataaanggg ccttctanat atcnnngcgt tgancntcat ttncctgcnt     660

```

tcctganaat ttngngcact gaancttana gggccttatt cncncnngan cancacncgn 720
ngataactanc c 731

<210> 2733
<211> 750
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(750)
<223> n = A,T,C or G

<400> 2733
ccttncccttg aaagccncaa gctacttgnt ctttttgag gatcccatcg attcgaattc 60
ggcacgagat tcccatctgc ttttacttcg ggtgagcaga ggggatgtg tgtgtgcgtg 120
tgtgtcagtc tgtttgtag tgtgttaaag gctacagacc acagttggtt taaaatgctt 180
ggaacttccc aaactggctt tactttatgt ttatacagtg ctcagggtta acgcagtaca 240
tccatgccat tgctgtggga ggtatccccg gatgcatgtg ttttgagtct ataaatatag 300
aaaatatata ttggtttctt tttccaactt aataggtcta ttaaagcatg aaatgaaagg 360
ttgcatatca tgcattcagg ntattaccta atttttgnc tgacagtgc tgnctntgga 420
agcatgctga aacaccgatt aacacaggag tcgngtaaca cngagaaaca tttgatanat 480
gtacagcatt ggctattgca ttcctatagt gtatataccn gggatttgc tcaaaccctg 540
cngaccncta ttttccctc tncncccc gtgttctttg gtcaaacnta atnnannaca 600
tncatttgc nttgngttnn naaactttan anntcntnga tngtgnannt anacnangta 660
actttttacc taaanggtgt ngcctgnccc caaaattgcc attatngggn ccnctattt 720
cncnntnt anantgttc ncacattncg 750

<210> 2734
<211> 712
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(712)
<223> n = A,T,C or G

<400> 2734
anttgaanct ttctaagtct tggcnntgca ggatcccatc gattcgaatt cggcacgagg 60
gcacaaggac cctcctgcc aacctgttga agacatggac ctcaacaagg atggcgagg 120
ccctccggag gagttctcca ccttcatcaa ggctcaagt agtgaggga aaggacgcct 180
catgcctggg caggaccctg agaaaacct aggagacatg ttccagaacc aggaccgcaa 240
ccaggacggc aagatcacag tcgacgagct caagctgaag tcagatgagg acgaggagcg 300
ggtccacgag gagctctgag gggcagggag cctggccagg cctgagacac agaggccac 360
tgcgaggggg acagtggcg tgggactgac ctgctgacag tcaccctccc tctgctggga 420
tgaggtccag gagccaacta aaacaatggc agaggagaca tctctggtgt tcccaccacc 480
ctagatgaaa atccacagca cagacctcta ccgtgtttct cttccatccc taaaccactt 540
ccttaaaatg tttggatttg caaagccaat ttggggcctg tggagcctgg ggttgatag 600
ggccatggct ggtccccac catacctccc ttcacatcac ttgacacagc tgagctttgt 660
tatccatctt cccaaacttt ctctttcttt gtacttcttg tcatccccac tc 712

<210> 2735
<211> 710
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(710)
<223> n = A,T,C or G

```

<400> 2735
nttaancntt nanannngtt ntttttgcag gatcccatcg attcgaattc ggcacgaggg      60
cangggactt nctgtaacaa tgcattctcat atttggaatg acccagtcct ctcccaagtc      120
cacacagggg aggtgatagc attgctttcg tgtaaattat gtaatgcaaa atttttttaa      180
tcttcgcctt aatactttat tattnnngtnn tattttgaat gatgagcctt cgtgcccccc      240
cttnccctt ttttgtcccc caacttgaga tgtatgaagg cttttggtct ccctgggagt      300
gggtggaggc agccagggtt tacctgtaca ctgacttgag accagttgaa taaaagtga      360
caccttaaaa aanaatgcat anaaaaaact cgagcctcta gaactatagt gagtcgtatt      420
acgtagatcc agacatgata agatncatng atgagtttgg acaaaccaca actagaatgc      480
agtgaaaaaa atgctttatt tgtgaaattt gtgatgctat tgctttattt gtaaccatta      540
taagctgcaa taaacaagtt aacaacanca attgcattca ttttatgttt cagggttcagg      600
gggaggtgtg ggaggttttt taattcgnng ccgnggcgcc aatgcatngn gcccggtacc      660
cagcttttgg tccctttant gagggttaat ngcgcgcttg gcgtaatcat      710

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<210> 2736

<211> 714

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(714)

<223> n = A,T,C or G

```

<400> 2736
tctaattcng nntttntant ncnatcgcn aggtacttgg ttctttttgc aggatcccat      60
cgattcgaat tcggcacgag aaagaactgt ctacgcgaac cattgattct aaaactggcg      120
atthagggga catcaatgct gagcagcttc ctgggagggg acatcttaat gaacctggta      180
ctagagaagg acagactcgt ctaatcagag atggggagaa agtcgaagcc tatcagtggg      240
gtgttagtga agggaggtgg ataaaaattg gtgatgttgt tggtcatctt ggtgctaatt      300
agcaaacatc tggaaaagtt ttatatgaag ggaaagaatt tgattatgtt ttctcaattg      360
atgtcaatga aggtggacca tcatataaat tgccatataa taccagtgat gacccttggg      420
taactgcata caacttctta cagaagaatg atttgaatcc tatgtttctg gatcaagtag      480
ctaaatttat tattgataac acaaaaggtc aaatgttggg acttggaat cccacttttc      540
agatccattt acaggtgggt gtcggtatgt tccgggctct tcgggatctt ctaacacact      600
acccacagca gatcctttta caggtgctgg tcgttatgta ccaggttctg caagtatggg      660
aactccatgg ccggagttga tccattacag ggaatagtgc ctaccgatca ctgn      714

```

<210> 2737

<211> 707

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(707)

<223> n = A,T,C or G

```

<400> 2737
aatntttgct ctgcttcttt ttgcaggatc cctcgattcg aattcggcac gaggctatct      60
gaacacagtg gaaagatggg accctcaggc tcgccagtgg aattttgttg ccactatgtc      120
taccctagg agtacagtan gtgtggcagt actaagtggg aaactttatg canttgggtgg      180
tcgtgatgga agttcttgct tcaaatcagt anaatgtttt gatcctcata ctaataagtg      240
gacactgtgt gcacagatgt caaaaaggan aggtggcgta ggagtgcga cctgnaatgg      300
actgctgtat gctatagggg ggcacgatgc tcccgcatcc aacttgactt ccagactctc      360
agactgtgtg gaaagatatg atcccaaac agacatgtgg actgcagtag catccatgag      420
catcagcaga natgcagtgg gggctctgtt acttggtgat aagttatatg ctgntggggg      480
gtatgatgga caggcatacc ttaatactgt ggaggcttat gatccccaga caaatgagtg      540
gaccaggtg ttttcacata cttttgagga cagcaaaagat cacctgggtg ccatcaagca      600
naccatctgg aggcaaaact ccttatctga ggaattcaga agtcattaga ctgccttatt      660

```

atctaaagcc cggcatcttg tactaggctt ctttaccaa aatgtat

707

<210> 2738
<211> 706
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(706)
<223> n = A,T,C or G

<400> 2738
ctttaaatct caagctcttg ttctttttgc aggatcccat cgattcggga gagaaacctt 60
atggatgcat tgactgtggc aaggccttca gccagaagtc ttgccttgta gcacatcaga 120
gatatcatatc aggaagact ccctttgtat gtcctgaatg tgggcaacc tggtcacaga 180
agtcaggact cattagacat cagaaaattc actcaggaga gaaaccctat aaatgcagtg 240
actgtgggaa agccttcctt acaaagacaa tgctcattgt acatcacaga actcacacgg 300
gagagagacc ctatggctgt gatgagtgtg agaaagctta cttctatatg tcttgccttg 360
ttaaacataa gagaatacac tcaagggaga aacgggggga ttcagtgaag gtggaaaatc 420
cttccacagc aagtccacgc ttaagtccta gtgaacatgt gcaggggaaa agccctgtta 480
atatggtaac tgtggcaatg gtggcagggc agtgtgagtt tgcccacatc ctgcattcat 540
gataaacagt ttgctgtttg atcatatagc ctncagcggg atgctgagtt tgtcatgtcc 600
catgggcctt tggctccctg cactaatatg tatagtaggg tttacaagat atgaaatata 660
ttttactttt ttatatctta taaacctcac tacccttcc acaata 706

<210> 2739
<211> 752
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(752)
<223> n = A,T,C or G

<400> 2739
tnaatnnttg ctctngttct ttttgcagga tccctcgatt cgggtggtggc acatacctgt 60
aatcccagct actcgggagg ctgaaacagg agaattgctt gaacctggga ggtagctgtt 120
gcagtgagaa agattgggtac cattgcactg cgggtctgggc cacagagcga gacttccatc 180
tcaaaaaata aataaaatag ggatggggtc tcaactgtgtt gaccaggctg gtcttgaact 240
aatgtccnca nntaggcctn ccataatcanc tttnanmggc tatncattac aggnctntgt 300
ccacatgcna ngncnctatt acnaactgca tcatnntttg caccctatat ntatganccg 360
nattttaatt ttncancaat ntctnataac attgnngatc tgnatanann ctatnttgc 420
gctnacaaat ctgaatcatc ntttccanan catnttggac acacatcact taattnaaca 480
atttaagtca nctatttngc tatnctcctn atttgttntc tentnccaca ntatgttctt 540
atgaanncat ctatttttnc attnngaana aaancacnta ttgnntgnnt atgtannngt 600
atatacntnn tcaataaccgn ctacttttna nctaaacctt tccnttgnat anttantntn 660
atgttnncac acttacgggt cnntccatta attntcctac atgnnaantt ttacntatnt 720
cattagtana ctttatnnta attaattntt cc 752

<210> 2740
<211> 704
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(704)
<223> n = A,T,C or G


```

<400> 2740
tcaatncngg ctctngttct ntttgcagga tccctcgatt cgaattcggc acgaggctgg      60
acttggaat ggtggtcttg ggagacttgc tgctgcttc ttggattcca tggcaaccct      120
gggacttgca gcctatggat acggcattcg gtatgaatat gggattttca atcagaagat      180
ccgagatgga tggcaggtag aagaagcaga tgattggctc agatatggaa acccttggga      240
gaagtcccg cccagaattca tgctgcctgt gcacttctat ggaaaagtag aacacaccaa      300
caccgggacc aagtggattg aactcaagt attcagagt ctcgtatagc cagcgttttg      360
tatagtattt agtacagtag ataatacatt gactatgtag catatagtg tgatattgag      420
tataggcat gtcgtgtttt gaataataga atatattttt gtaaataaat ctgttacttc      480
tcttagcgca gccagtcatt tttggagaca aaggagctga ggccaagaga ggagtgactt      540
ttataaagggt cattttgcaa ccagctttgt cagaaaattg tcagttcttt tttttttttt      600
tttttgccag aaaattgtca gttctatagt aaccagcatg cttacctctt tggttttata      660
ttaagtggtt gatagcaaaa ttgaatat ttgaaatgtca tttc                        704

```

```

<210> 2741
<211> 753
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(753)
<223> n = A,T,C or G

```

```

<400> 2741
tncnaanggn tngnancnc ctctnngnag gancctctcg attcgaattc ggcacgaggt      60
caagcctgta atcccaacac tttgggttna ccgaggtggg ggtatctgat tgagcctnng      120
aggtcgagat cagcctggga aacacaggga ggccccatc gctacaaaat attttaaaaa      180
ttagccaggt gtggtggtt gtgcttgttg ncccggtac ttgggaggct gaagtgggag      240
ggtggcttga gtncaggagt tcaactgact gagctgtgat cacaccactg cactccagcc      300
tgagcgacag agtgagacgt ccatctcaaa aaaaaaata aaaaactcga gcctttanaa      360
ctatagttag tcgtattacg tagatccaga cntgataang atacattgat gagtgttgac      420
aaaccacaac tagaatgcag tngaaaaaaa tgctttattt gtgaaatttg tgatgctntt      480
gctttatttg tanccattat nagctgcnat aancaagttt aacaacnaac aattgcatnc      540
attttatgtt tcangttcaa gngggaggtt ctggnnaagn ttttttnatt tnnccggcng      600
ctggcgccat tggcattggn ccccggtnc ccaaaacttt ngccccctt ttatctggan      660
ggggtttaat ttgnctcctt ttnggccgat tatcatgggn caatagcatg ntcttncctg      720
ngggngnaaa attngtttat tccnttncaa cnn                                753

```

```

<210> 2742
<211> 702
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(702)
<223> n = A,T,C or G

```

```

<400> 2742
tcaatacnag ctntngntct ntttgcagga tcccatcgat tcgaattcgg cagcagcaag      60
aagagttttt tgttcagttt ggaacaagat tttgagaaga catttaggat gtactagttt      120
gagtttttaa atgtatat ttgatatatt ctcaactttc tctttgggtc ttagctaaa      180
atatgcagta taatgtttta tttatttatt ttttaagaga tggggtctag ctattttgcc      240
caggcagact caaatcctg ggctcaagt atcctctgcc ttggcctcct gagtagctgg      300
gacttacaga catgtgccac caaacctagt ggctatataa tttttaaaaa tattcttagg      360
atatctttac atacttttct taaaaaaaaa aagttaacct ttgtagttct gtacctttca      420
gtagtctgca aattttctac caaaaaaaat ccaagaattt tatttgggaa ttattaaaaa      480
ggcaacaat gaattgtatt aggacaagaa tatagcagtc aggaggccat gactacatca      540
cagccaggcg gcattccctg ccacagtggc ggcttgaatc atcaagaaat ggataaatgg      600
ggctttagta aatcaggctt gcaggctcaa agctgcaatc tgccactct caggctctgag      660

```

acttttgtagg cctcagacac caggaagaaa gttgggatac an

702

<210> 2743

<211> 709

<212> DNA

<213> Homo sapiens

<400> 2743

cagctcttgt	tctttttgca	ggatcccatc	gattcgttga	gacggagttt	caccatgttg	60
gccaggatgg	tcttcaactt	ctaacttcgt	gatccacgct	gctgggatta	caggtgtgag	120
ccaccgcgtg	tggcctctgg	gcaccttttg	aagctgaagc	agagagagaa	ggcggcaggc	180
atcagcgttt	tcttctatga	acttataaga	tcaaagactt	taagactttc	actatttctt	240
ctaccgctat	ctactacgaa	cttcaaagag	gaaccaggag	tacggaagga	gcatgaaagt	300
ggacaaggaa	cgtgaccatt	gaagcaccac	agggaggggt	tcaggcctcc	ggatgactgc	360
aggcaggcct	gggtaacatc	cagcctccca	caagaagctg	gtggagcaga	gcgttccctg	420
actcctccaa	ggaaaggaga	ctccctttcc	cggctgtctc	agtaacgggt	gccttcccag	480
acactggcgt	taccgcttga	ccaaggggcc	ctcaagcggc	ccttatgcgg	gcatgacaga	540
aggctccct	cttgcccttct	attcacttct	cacaatgtcc	cttcagcacc	tgaccctata	600
cctgccggtt	attcctaggt	tatattatta	atgcaacaga	gtaatattaa	aagctaata	660
ttaataatgt	ttataataat	gatggataat	tggtcatgat	catcgctgg		709

<210> 2744

<211> 709

<212> DNA

<213> Homo sapiens

<400> 2744

cagctcttgt	tctttttgca	ggatcccatc	gattcgttga	gacggagttt	caccatgttg	60
gccaggatgg	tcttcaactt	ctaacttcgt	gatccacgct	gctgggatta	caggtgtgag	120
ccaccgcgtg	tggcctctgg	gcaccttttg	aagctgaagc	agagagagaa	ggcggcaggc	180
atcagcgttt	tcttctatga	acttataaga	tcaaagactt	taagactttc	actatttctt	240
ctaccgctat	ctactacgaa	cttcaaagag	gaaccaggag	tacggaagga	gcatgaaagt	300
ggacaaggaa	cgtgaccatt	gaagcaccac	agggaggggt	tcaggcctcc	ggatgactgc	360
aggcaggcct	gggtaacatc	cagcctccca	caagaagctg	gtggagcaga	gcgttccctg	420
actcctccaa	ggaaaggaga	ctccctttcc	cggctgtctc	agtaacgggt	gccttcccag	480
acactggcgt	taccgcttga	ccaaggggcc	ctcaagcggc	ccttatgcgg	gcatgacaga	540
aggctccct	cttgcccttct	attcacttct	cacaatgtcc	cttcagcacc	tgaccctata	600
cctgccggtt	attcctaggt	tatattatta	atgcaacaga	gtaatattaa	aagctaata	660
ttaataatgt	ttataataat	gatggataat	tggtcatgat	catcgctgg		709

<210> 2745

<211> 727

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(727)

<223> n = A,T,C or G

<400> 2745

tnnnnnnttt	tgnanttgaa	tncttggtc	tcgttctttc	tgcaggatcc	catcgattcg	60
cagagatgat	agcacttcat	tgactgcaa	agaggatgtc	agcataccca	gatccacatt	120
aggagacttg	gacacagttg	cagggctgga	aaaagaactg	agtaatgcca	aagaggaact	180
tgaactcatg	gctaaaaaag	aaagagaaag	tcagatggaa	ctttctgtct	tacagtccat	240
gatagctgtg	caggaagaag	agctgcaggt	gcaggctgct	gatatggagt	ctctgaccag	300
gaacatacag	attaagaag	atctcataaa	ggacctgcaa	atgcaactgg	ttgatcctga	360
agacatacca	gctatggaac	gcctgaccca	ggaagtctta	cttcttcggg	aaaaagttgc	420
ttcagtagaa	tcccagggtc	aagaaatttc	aggaaaccga	agacaacagt	tgctgctgat	480
gctagaagga	ctagtagatg	aacggagtcg	gctcaatgag	gccttacaag	cagagagaca	540
gctctatagc	agtctggtga	agttccatgc	ccatccagag	agctctgaga	gagaccgaac	600

tctgcaggtg	gaactggaag	gggctcaagt	gttacgcagt	cggtagaag	aagttcttgg	660
aagaacttgg	agcgcttaaa	caggctggag	accctggccg	ccattggang	tnggggaact	720
ggaaagt						727

<210> 2746
 <211> 706
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(706)
 <223> n = A,T,C or G

<400> 2746						60
tnnnncttca	aatcgcnagg	ctacttggtc	tttttgcagg	atcccatcga	ttcgaattcg	120
gcacgaggtt	gctgtcactt	ggatttctag	ctttgggagc	ctgttccacc	tactcagctc	180
tgcattgagc	agtgaggcca	catgccctgt	ggacagttac	tggacgttaa	tgaactcaga	240
ggagaaaaagc	agtgaaccac	ttgttctgtg	tgatttatgg	tacttcattg	ctcttccttc	300
acctctagtc	actttctatt	gtacactgcc	ctacattggc	tcttgccaag	gtccctctct	360
ctccctgttt	tctttttttt	ttttttttga	gacggaggac	ggagtcttgc	tctgtcgccc	420
aggttggagt	gcagtggcgc	gatctcggct	cactgcaacc	tccacctccc	gggttcaagc	480
gatttctcctg	cctcagcctc	ccgagtagct	gggactacag	gcgcgcgcgc	ccacgcccgg	540
ctaattttta	tatttttagt	agagacgggg	tttcaccatg	ctggccaggc	tggtctcgaa	600
ccccgacctc	gtgatccgcc	tcttagcct	cccaatcctc	tcttaaaaaa	gtgatagctc	660
agaaatattt	gtaaaagcaa	ggtttttatt	tcattttggc	tctgcatttt	cagaggcaaa	706
gaagtttggc	ctgtaaaata	gagtgctaga	gctcttacc	cctccc		

<210> 2747
 <211> 807
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(807)
 <223> n = A,T,C or G

<400> 2747						60
ggnnnnnggg	ganttttagat	cagctcttgt	tctttttgca	ggatcccatc	gattggaatt	120
cggcacgagg	tgtgtgtgtg	tgtgtgtgta	gaggagagaa	agagaccatt	atcatatgag	180
tgtgttgggg	ctgctgagag	ggtttcgttt	acaagtgacc	ttgagtgtat	ttcatctctg	240
gaatgcatgg	tccctgcgct	caagctacac	aatctgatta	gtgaagtatt	actaatacac	300
tagaaaaata	tacatagtaa	ttaccaaattg	actgacacaa	ttttataggg	ggttcanaga	360
aacatctgtg	aatgggtaat	aatgaaaaaa	gaaaagnntt	tctctttggt	ntagtctgac	420
ccttttaaca	gtctctattc	ataatgtgag	gaaatcgcta	caaaaactga	aatattgtan	480
atactgttca	ttngcatatg	gaaatacttg	tatgctgtgt	gttggtcttt	catgggacaa	540
actctacccc	tnctctntnc	acacacatat	anccaagcta	taagtttagcc	tanctttcgc	600
cataggaagt	tgtctggcttt	tttantgaga	agtcaaagaa	cctggcttgn	taaaagtctt	660
tataagaaan	naananttnc	ttttnnnnta	nnntnnncnn	atgntnnntn	annnnnnntt	720
nnnnntnacn	nnnanannnn	annanttnc	naancatatt	antgtnanan	annnnaatat	780
nnnanantnn	tttnnanccn	ngnntnntnn	nnnaannnnn	annntnann	nnantntan	807
nnaattnncn	nnntnntnnn	gnnnncng				

<210> 2748
 <211> 716
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1)...(716)

<223> n = A,T,C or G

<400> 2748

tnnnnnntttt	tnaaccagnn	ttcnaatcct	tggcgnnagg	ctacttggtc	tttttgcagg	60
atcccatcga	ttcgaattcg	gcacgagaag	aaaggctgcc	tttgagttga	ccaaccatgt	120
tgaggtggta	gatgggtgct	aaactcactg	tagtctgagt	aattgacttc	cacaagtcac	180
ccccactggt	gagcctttca	aaatgaagtc	tcagtatat	tacaaattaa	tggaacatcct	240
ctctggggat	tagtcatatt	ctaattcaac	aaagacattg	tttgaagttt	gtttttgttt	300
gctaaatgaa	ctaaaaatta	tgagatttgc	acctaaaggt	actgaggtaa	aggagagcca	360
aaagtggggt	agtcaatcta	cttattcaga	atgagtcgat	aatttaaaca	tgtctaatag	420
cagagacagt	atattataga	aatggcatta	cattctctga	gatctgcttt	tactgaagtg	480
gatcaatgat	gaaactagcc	aaatctgagc	atcagaaggc	tttccggtct	acctgatgca	540
tgatctctac	agttctgaga	agcagaacta	taaaacaatg	taaaacaata	agggcatatg	600
tctggtgtgt	gtgtgggggg	tgtgtgtgtg	nnnnncnnnn	nnnnnnnnnn	nnngnnncnn	660
nnnnngnnnn	nnnnnnntnn	nnnnngnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnc	716

<210> 2749

<211> 718

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(718)

<223> n = A,T,C or G

<400> 2749

tnnncttttt	aaacctgcnt	tcnaattncn	agacnctngg	ctctngntct	ntntgcagga	60
tcccatcgat	tcgaattcgg	cacgagnaag	aaaggctgcc	tttgagttga	ccaaccatgt	120
tgaggtggta	gatgggtgct	aaactcactg	tagtctgagt	aattgacttc	cacaagtcac	180
ccccactggt	gagcctttca	aaatgaagtc	tcagtatat	tacaaattaa	tggaacatcct	240
ctctggggat	tagtcatatt	ctaattcaac	aaagacattg	tttgaagttt	gtttttgttt	300
gctaaatgaa	ctaaaaatta	tgagatttgc	acctaaaggt	actgaggtaa	aggagagcca	360
aaagtggggt	agtcaatcta	cttattcaga	atgagtcgat	aatttaaaca	tgtctaatag	420
cagagacagt	atattataga	aatggcatta	cattctctga	gatctgcttt	tactgaagtg	480
gatcaatgat	gaaactagcc	aaatctgagc	atcanaaggc	tttccggtct	acctgatgca	540
tgatctctac	agttctgaga	agcagaacta	taaaacaatg	taaaacaata	agggcatatg	600
tctggtgtgt	gtgtgggggg	tgtgtgtgtg	tntnntnann	cncgtnnntn	nnancnnann	660
ntnncnannt	ntgattncnn	ttnttctnan	nnntttnnnn	tnnttcttna	atnnncac	718

<210> 2750

<211> 718

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(718)

<223> n = A,T,C or G

<400> 2750

tnnncttttt	aaacctgcnt	tcnaattncn	agacnctngg	ctctngntct	ntntgcagga	60
tcccatcgat	tcgaattcgg	cacgagnaag	aaaggctgcc	tttgagttga	ccaaccatgt	120
tgaggtggta	gatgggtgct	aaactcactg	tagtctgagt	aattgacttc	cacaagtcac	180
ccccactggt	gagcctttca	aaatgaagtc	tcagtatat	tacaaattaa	tggaacatcct	240
ctctggggat	tagtcatatt	ctaattcaac	aaagacattg	tttgaagttt	gtttttgttt	300
gctaaatgaa	ctaaaaatta	tgagatttgc	acctaaaggt	actgaggtaa	aggagagcca	360
aaagtggggt	agtcaatcta	cttattcaga	atgagtcgat	aatttaaaca	tgtctaatag	420
cagagacagt	atattataga	aatggcatta	cattctctga	gatctgcttt	tactgaagtg	480
gatcaatgat	gaaactagcc	aaatctgagc	atcanaaggc	tttccggtct	acctgatgca	540

tgatctctac	agttctgaga	agcagaacta	taaaacaatg	taaaacaata	agggcatatg	600
tctggtgtgt	gtgtgggggg	tgtgtgtgtg	tntnntnann	cncgtnnntn	nnancnnann	660
nttncnannt	ntgattncnn	ttnttctnan	nnntttnnnn	tnnttcttna	atnnncac	718

<210> 2751
 <211> 726
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(726)
 <223> n = A,T,C or G

<400> 2751						
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caggatccca	tcgattcgaa	ttcggcacga	gagnaataac	taccagacaa	catttggttaa	120
aactcaggac	agtatgtatt	ttaaaggagc	aagtgcattg	gtgaaaatgg	ctcattcagt	180
ttataaaaata	ttacattaaa	tttgagggtt	ctgttttttt	tcttttgtga	cagtcttgct	240
ctgttcccca	tgctgtagt	cagtggcacc	agttcacctc	actgtaactt	ccacatcctg	300
gtttcaagca	atttgtgcct	cagcctccca	agtagctggg	attacagtca	tgccaccatg	360
tccagataat	ttttatattt	ttttgtagag	atgggtgttt	accatgtttg	ccaggctgat	420
ctcaagctcc	tggcctcaag	tgatttgcca	ccttggcctc	acacgttgct	gagattacag	480
gcatgagcca	ccacacctgg	ccaatggggc	gtttcttaaa	atagctacta	gactatgacg	540
tttatectaa	ggtttgaagt	ctatcatctt	ccttacatat	ccttcattgt	ggtatctggg	600
aatgaatcaa	caagatgaga	gagccttctt	cattcagttg	ggctccttca	tttccatgct	660
tcctgaagat	taaggncact	gaatttaaaa	ttcaatatct	tgtgagttac	acaccatgga	720
gtaacn						726

<210> 2752
 <211> 710
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(710)
 <223> n = A,T,C or G

<400> 2752						
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cgaattcggc	acgaggtcac	tctgtcaccc	aggtcggagt	gcagtgggtg	gatcatagct	120
cactgcagcc	tctacctcct	gacacaagct	gtcatccgcg	tttggcttct	caaagtgcta	180
ggattatagg	cgtgagccac	catgcccagc	cagttttctg	ttttattaaa	attgttcaca	240
gttttataca	ttcatgttca	ttaaaaatgc	tatttagaaa	agagtttgat	aaaataaata	300
ttatacaaaa	ttcgaagaaa	aaagaaaaga	gtttctgttt	cagtcacaaa	ttagggttat	360
tgtgatgtgt	atttatgatg	accattgaac	aaatgtgaag	aatactgtga	attctatgac	420
tttatcaaaa	tcagccacat	ccaggagctt	gcagttgttg	accaaataaa	tgatgacata	480
gagtagttca	gatctatcat	gtgctcttct	atctaatacg	tcaatatttc	cttggccctc	540
aagccaacat	tcatttttta	tgtataacct	tcttcatgat	tttgaaattt	tgatagggta	600
actgctaatt	agttcacaaa	tgtagcactt	taaaaggaaa	ataaatggag	agtgaaaaca	660
acttggtctc	gtataattgt	gggggtttta	ttttctgggt	ttaaaaanaa		710

<210> 2753
 <211> 710
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(710)

<223> n = A,T,C or G

<400> 2753

tnnncttcaa	atcgntngct	cttgttcttt	ttgcaggatc	ccatcgattc	gaattcggca	60
cgagagatta	tgagcatgta	gaagatgaaa	cttttcctcc	tttcccacct	ccagcctctc	120
cagagagaca	agatggtgaa	ggaactgagc	ctgatgaaga	gtcaggaaat	ggagcacctg	180
ttcctgtacc	tccaaagaga	acagttaaaa	gaaatatacc	caagctggat	gtcagagat	240
taatttcaga	gagaggactt	ccagccttaa	ggcatgtatt	tgataaggca	aaattcaaag	300
gtaaaggta	tgaggctgaa	gacttgaaga	tgctaatacag	acacatggag	cactgggcac	360
ataggctatt	ccctaaactg	cagtttgagg	attttattga	cagagttgaa	tacctgggaa	420
gtaaaaagga	agttcagacc	tgtttaaaac	gaattcgact	tgatctccct	attttacatg	480
aagattttgt	tagcaataat	gatgaagttg	cggagaataa	tgaacatgat	gtcacttcta	540
ctgaattaga	tccctttctg	acaaacttat	ctgaaagtga	gatgtttgct	tctgagttaa	600
gtagaagcct	aacagaagag	caacaacaaa	gaaattgaga	gaaataaaca	ctggccttgg	660
aaagaaggca	ggcaaagctg	ctgagtaata	gtcagaccct	aggaaatgat		710

<210> 2754

<211> 727

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(727)

<223> n = A,T,C or G

<400> 2754

gtnnnnntttt	ctaanttggn	ncttnaaatt	nctaancgct	tgttctttnt	gcaggatccc	60
atcgattcga	attcggcacg	agcttacttt	gatcctcgtg	aggcataccc	agatggaagt	120
agcaaagaaa	agagaagagc	agcaattgcc	caggccttag	ctggcgaagt	cagtgtgggtg	180
cctccatctc	gtctcatggc	attgctggga	caggcactga	agtggcagca	gcatcaggga	240
ttgcttcctc	ctgggatgac	catagatttg	tttcgaggca	aggcagctgt	caaagatgtg	300
gaagaagaaa	agtttcctac	acaactgagc	aggcatatta	agtttgggtc	gaaatcacat	360
gtggagtgtg	ctcgattttc	tccagatggg	cagtatttgg	tcactgggtc	tgttgatgga	420
ttcattgaag	tatggaactt	tactactgga	aaaatcagaa	aggatcttaa	gtaccaggcc	480
caagataact	ttatgatgat	ggatgatgct	gtcctctgca	tgtgtttcag	canagataca	540
gaaatgttag	caactggggc	ccaagatgga	aaaatcaagg	tgtggaagat	tcagagtggga	600
caatgtttta	ngagatttga	ganggcacac	agtaagggtg	tcacctgtct	aaacttttct	660
aaggatagca	gtcagatcct	taatgcttct	tttgaccaga	caattagaat	tcattgggtta	720
aaatctg						727

<210> 2755

<211> 708

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(708)

<223> n = A,T,C or G

<400> 2755

cttcaaatcg	ctnggctact	tgttcttttt	gcaggatccc	atcgattcga	attcggcacg	60
agggcagacc	atccacatca	gtttcagaga	aaaacaataa	tcttgtttgt	gccgtgatga	120
agaggactga	cagctaacag	cagaaacaat	agtcaggagg	ttgagaacag	gctgggttaac	180
atgggtgaaat	gccatctcta	ttaaaaaatac	aaaaattagc	taggtatggt	cgagacacc	240
tgtaatccca	gctccttggg	aggctgaggt	gggagaatcg	cttgaaccca	ggaggtggaa	300
gttgacgtga	accgatagt	ccattgcact	ccagcctggg	caacaagagt	gaaactttct	360
ctcaaaaaaa	aaaaaaaaag	atgtcaagcc	ccttctcttc	ctttctccac	catcatgggtg	420
tgtacttgac	tctgcttctc	accagatctt	ctcataagac	tatcaggatt	aagcaattcc	480
tggccaagaa	aaaaagcaaa	attgttccat	tccccagtg	attcagatga	aaactggtaa	540

taaaatcagg tacaacttta aaaggagaca ttggagaaga accaatccgt gtctataagg	600
aattgtcatg agatggcaca catTTTTatg ctgtctgagc attcaatcac gttaccatat	660
caagcagaaa atgtcaccat tatctggaga gttggacatg ttttattg	708

<210> 2756
 <211> 730
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(730)
 <223> n = A,T,C or G

<400> 2756	
ttnnnnnttt aancnttcaa atcnctaggc tacttgttct ttttgcagga tcccatcgat	60
tcgaattcgg cacgagccca cactcggaca ctgtggaatt ctaccagcgc ctgtcgaccg	120
agacactctt cttcatcttc tactatctgg agggcactaa ggcacagtat ctggcagcca	180
aggccctaaa gaagcagtc tggcgattcc acaccaagta catgatgtgg ttccagaggc	240
acgaggagcc caagaccatc actgacgagt ttgagcaggg cacctacatc tactttgact	300
acgagaagtg gggccagcgg aagaaggaag gcttcacctt tgagtaccgc tacctggagg	360
accgggacct ccagtgcac cggcccctnc ctctaccac ccccttcccc cgcatgctga	420
tccccctgcc caggtaaagg ccctgccctg gaagactgga gggaggcccc aagccacggg	480
gcatccccct ctcccaggaa gcaggagagg ggccgggagg ttttctctc aagccccacc	540
ctggggggccc gggggcgagg gctgccccct cctcccctcc ccagtggagg acattttttg	600
gtaaaacctt ttttcatttt ggaaaatatt tatgaataaa tagttttata tgaaaaaaat	660
tntngnnntt nnnatnnnan aataaaan cn tcgnncctct taaaactata gtgaagtcgt	720
attaccttag	730

<210> 2757
 <211> 710
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(710)
 <223> n = A,T,C or G

<400> 2757	
tntatntaca gctacttggt ctttttgcag gatcccatcg attcgaattc ggcacgagac	60
caagagaacg cggtcagaag gaggtggaac tggggagtcc tctcaggagg ggacaagcaa	120
aagactcaaa gtagatggac agaaaaactg ctgtgaggag gggaaaggagg agcagcaggg	180
atgtgcaggg gacggtgggg aagacagggt agaagagatg gttatagagg ttggagagat	240
ggtgcaggac tgggccatgc agagccctgg gcagccaggg gacctgcccc tgaccactgg	300
aaagcatgga gcccttggag aagaggggca gccagccac gcagccctgg cagagcgggg	360
gccaagga catgaggcag cccaagaatg gtctcagggt gaggcaggga agggggcatc	420
cctgcccctc tcagcgagct ggcgctgtgc cttgtggcac cgagtgtggc aagggcgggc	480
gcgagcccgt agacgcttgc agcagcaaac caaggaggga gctggagggt gcgctggcac	540
aagagcangg tggtggcgca ctgaagctca ggtcacccan gagctgaaag gactgaatgg	600
tggccaaaga aaggcccaga aactgagccc ctgctgaact tttgtggcg tcttgtcttc	660
ccggctgacc cgaatgctta ctgtgacccc gcttcangat cccaaggnc	710

<210> 2758
 <211> 716
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(716)

<223> n = A,T,C or G

<400> 2758

tnnnnnnttca	aatngnnagc	tcttgttctt	tttgcaggat	cccatcgatt	cgaattcggc	60
acgagccaga	gctggcagaa	gaaaacagta	aagcttagag	tagaaataaa	tgaaataaag	120
aacagaaaaa	tatagaaaat	caaaaatacc	aaaagttagc	tctttgaaaa	gatcaacaaa	180
attgccaaacc	cttttaagta	gacaagaaag	aatgaattgt	tggtggtgca	gtggtgagca	240
tagctgcttt	tcaagaacaa	aaaagactca	aatgactaaa	atcaagaatg	atcaagaatg	300
agagagtaga	cattactaca	gatcttacag	aaatgaaagg	attattaatg	agtactgtga	360
acagttgcat	gccacaacaa	agtctaagtg	aactagacaa	atatctagaa	agacacaaaa	420
caaccacaaac	cgaatcaaga	aaaaaatata	aaatctgaat	acacgtataa	caagtaaaga	480
gattaaattg	gtaccacaaa	gaaaaactgt	caccaaggta	aagtccagac	ccagatggct	540
tttttggtga	attccaccaa	atgtttaagg	gagaattaac	accaaatact	aaactaaacc	600
agacagagac	attgcaagaa	aaccacagac	caatatccct	tatgaatata	gatataaaat	660
cctcaacaaa	gtactagcaa	atcaagtcca	tgaacatata	caattctatt	ttactt	716

<210> 2759

<211> 715

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(715)

<223> n = A,T,C or G

<400> 2759

gtnnnncttc	aaatcgcttg	gtactcgnr	ctntntgcag	gatcccatcg	attcgaattc	60
ggcacgaggg	gtgcagtggc	tcactcctat	aatcccagca	ttttggaagt	cctatgcagg	120
aggattgcc	gagggcagga	atttgagatc	agcctgggca	acatagtga	actctcatct	180
ttataaaaag	taatattaaa	atttttaaaa	gtgtataaac	tgtaaagtat	attttactgg	240
tgttttcttc	cttattccta	cttgtcagat	gcaaatacac	atttttgtgt	gtttgtgttt	300
agtaattata	agtatacata	tttcttctat	ttcatatatt	tctatgacat	tatatcttag	360
atgtgttaatt	tatgaactac	tactggatta	ttttaatcca	ttagaaatta	ctattcacgc	420
attctgtatt	caattcatgt	gatagctaatt	atatttgggt	ttaaatgcat	cttattttgt	480
ggttttcttc	taggctgttt	tttgtgcttt	cttttaaaaa	tatatagggt	ttataaatct	540
taattttctt	ttagtttgaa	atgtatatat	tcattttatt	cattagtcta	agataaagaa	600
ttgtaacact	tctctaacct	attatanaat	tgntaatacc	tttacccttc	tcttgaacac	660
atcaaaagga	tgtcattgag	tgttgggtatt	ggagtatagc	atatctatta	ttcng	715

<210> 2760

<211> 706

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(706)

<223> n = A,T,C or G

<400> 2760

ctttaaatct	caagctcttg	ttctttttgc	aggatcccat	cgattcggga	gagaaacctt	60
atggatgcat	tgactgtggc	aaggccttca	gccagaagtc	ttgccttgta	gcacatcaga	120
gatatcatat	aggaaagact	ccctttgtat	gtcctgaatg	tgggcaaccc	tgttcacaga	180
agtcaggact	cattagacat	cagaaaattc	actcaggaga	gaaaccctat	aatgcaagt	240
actgtgggaa	agccttcctt	acaaagacaa	tgctcattgt	acatcacaga	actcacacgg	300
gagagagacc	ctatggctgt	gatgagtgtg	agaaagctta	cttctatatg	tcttgcttgg	360
ttaaacataa	gagaatacac	tcaagggaga	aacgggggga	ttcagtgaag	gtggaaaatc	420
cttcacacag	aagtcacagc	tttaagtccta	gtgaacatgt	gcaggggaaa	agccctgtta	480
atatggtaac	tgtggcaatg	gtggcagggc	agtgtaggtt	tgccacatc	ctgcattcat	540
gataaacagt	ttgctgtttg	atcatatagc	ctncagcgga	atgctgagtt	tgtcatgtcc	600

catgggcctt tggctccctg cactaatatg tatagtaggg tttaacaagat atgaaatata
 ttttactttt ttatatctta taaacctcac tacccttcc acaata

660
 706

<210> 2761
 <211> 726
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(726)
 <223> n = A,T,C or G

<400> 2761
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 ggatcccatc gattcgaatt cggcacgaga tgggtgtttc acctggaagc tgagaagaaa 120
 ggggctttta tggaacaaat agcacatcaa gctgttgtaa tgcagtttat tatggaaatg 180
 gccaaaaact gtaatgtgga tccaagaggg tgttttcgtt tatttttcca gaaagccaaa 240
 gcagagggaag aaggttatgt tgaagcattc aaaaatgaac ttgaagcttt caagtcaaga 300
 gtaagacttt attctcaatc acaaagtttt caacctatga cagttcagaa tcatgttccc 360
 cattctgggtg ttggatctat aggtttatta gaatccttac cacagaatcc agattatctt 420
 cagtattcta tcagtacagc tctctgcagc ttaaactcgg tggtagataa agaagatgat 480
 gaacccaaaa tgatggacac tgtataatgt gggttaagact gctgaggcca agtgctatgt 540
 tgttacaaga aaggaagaac ttggctatgt tcttgacact tttatgggtg ctgcacttta 600
 tttttgtttg gtttttgatg ggagggaaaag agtactgaaa tgttttgtaa atttttttta 660
 atgtgctgct aggttttttg ttttgtttgg tctgaagaga agagtgttcc atatgttgca 720
 ggaagt 726

<210> 2762
 <211> 710
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(710)
 <223> n = A,T,C or G

<400> 2762
 cntnnctttg aanttgnaaa tngctnggct acttggttctt tttgcaggat cccatcgatt 60
 cgaattcggc acgaggtcac tctgtcaccc aggtctggagt gcagtgggtg gatcatagct 120
 cactgcagcc tctacctcct gacacaagct gtcaccccgc tttggcttct caaagtgcta 180
 ggattatagg cgtgagccac catgcccgc cagtttctgc ttttattaaa attgttcaca 240
 gttttatata ttcatgttca ttaaaaatgc tathtagaaa agagtgtgat aaaataaata 300
 ttatacaaaa ttcgaagaaa aaagaaaaga gtttctgttt cagtcacaaa ttaggggttat 360
 tgtgatgtgt atttatgatg accattgaac aaatgtgaag aatactgtga attctatgac 420
 tttatcaaaa tcagccacat ccaggagctt gcagttgttg accaaatgaa tgatgacata 480
 gagtagttca gatctatcat gtgctcttct atctaactcag tcaatatttc cttggccctc 540
 aagccaacat tcatttttta tgtataacct tcttcatgat tttgaaattt tgatagggta 600
 actgctaatt agttcacaaa tgtagcactt taaaaggaaa ataaatggag agtgaaaaca 660
 acttggttac gtataattgt ggggttttaa ttttctggtt ttaaaaanaaa 710

<210> 2763
 <211> 740
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(740)
 <223> n = A,T,C or G

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<400> 2763
gnaaatnngc tcnntgcn gctncttgntc tttttgcagg atcccatcga ttcgttttga      60
cattgttaca agtaagcagc tttattgggtt cttttactta cgtctttaaata tatatggagc      120
aacagtagcg tcagtcgtgca tctcatgcta actttttgtt gggaatcata accattccta      180
cggttgcaac tggaaatgttt ttagggaggat ttatcattaa aaaattcaaa ttgtcttttag      240
ttggaattgc caaattttca tttcttactt cgatgatata cttcttggtt caacttctat      300
atttcctctt aatctgcgaa agcaaatacag ttgccggcct aaccttgacc tatgatggaa      360
ataattcagt ggcattctcat gtagatgtac cactttctta ttgcaactca nagtgcaatt      420
gtgatgaaag tcagtgggaa ccagtctgtg ggaacaatgg aataacttac ctgtcacctt      480
gtctagcagg atgcaaatcc tcaagtggta ttaaaaagca tacagtgtct tataactgaa      540
gttgtgngna agtnactggg nctncaganc ngaaaattac tcancgcact tggggtgaat      600
gcccaagaga taatacttgt ccaanggaaa ttttcatct atgttggcag ttcaggncct      660
aaaactcttn ggtcctctgg acaaggagg nccacattaa tttggtnact gtgaanattg      720
ttcnncctga attgnaagg

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<210> 2764

<211> 734

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(734)

<223> n = A,T,C or G

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<400> 2764
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ctgcagcctc atttttttaa aaatgagata ggtnagtgtg gatataaata actgtccaac      120
atatatagct gagtaacana aatagcnaac tagaaaacna tgtattatnc catntgtgct      180
gaaatatgna tgntggatg tgnaaatatg tatggntgta tagacagatc ttttctaaaa      240
ttttttcatt nntaatnnnn gtgggtacat actangtata tatntttgng gggctctgag      300
gtattttgat acaggcatgc aatgtgaaat aatcacatnn ncntnnmtgg ggtatccatc      360
cccnaagca nttgatctnn tgtgtgcaaa cattccaann gnatnccttt agtnttccat      420
aaatgngcaa tnaannntgn ctatngtcnc tntggagann natcngnant natctcaatc      480
nncccatntg tnacttganc cattgaccat tcccaccaat cctgaatgcc tcantaccct      540
tctcaccnat ggnctcttg cttatangct ntntgtcnat gagttcaatc gtagtgantt      600
taganncnng acttccatgc gaacatgntn aaggccggcc tntntggcct ggncttactt      660
aaatnaacca taatattgcc natgacagga acggatactn tgctaacggc cnatagttc      720
cncatttggg accc

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<210> 2765

<211> 728

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(728)

<223> n = A,T,C or G

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<400> 2765
ggnnnnntnt nmanatacag ctacttggtc tttttgcagg atcccatcga ttcgaattcg      60
gcacgagtag ggtcttagta ctggtttggg cataattata ctcagtgttt gggcctctgc      120
taaaattcta agacgataag aatatacagt taagtctctg tacagtgtgt ttcattgaagc      180
ttgtaagatt gatatttaag tggacaaagt gggaagtagt cagttttcag ggcctcaggg      240
gtcatcactt tgtgctcaga gtacagctgt caactagtga tttggtgcat ttagacaagg      300
aacaggagca aagggcctat ttcaagaggg tcatagacac tgccttgatg taagtgaatg      360
gctagagggt ttcttggtta actgaagtcc ttttcacatt tttagctttt tctgtggcaa      420
cctgtctttt acagaagcta ctcatagaact ctggcttttc attttcaggg ttgggctgga      480
cattctttga tttntgntt tgnttngntt tctgagacag agtctctctc catcaccag      540

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ctggagtgca	ctggcgtgat	ctcgctcact	gcaatctctg	tctctcgggt	cnggtgatct	600
cctgcctcag	nctnccgagt	agntgggact	gcagtttcat	gctacacgcc	caggtaaatt	660
tttngnattt	tgatagaana	cagggttttg	ncatgttggc	cgggctgnct	cnaactcctg	720
acctnaat						728

<210> 2766
 <211> 712
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(712)
 <223> n = A,T,C or G

<400> 2766						60
cangctactt	gttctttttg	caggatccca	tcgattcgaa	ttcggcacga	gcatttcttg	120
tctttattaa	tttgacttct	ctagggacct	cattttaaag	aaatcataca	gaatttgaac	180
ttttgtatct	ggataaaaaa	tatatacagc	atthttgtga	ctgtaaaaatg	tatttttttg	240
ggccgggtac	ggtggctcat	gcctgtaatc	ccagcacttt	ggtaggctga	ggcagggtga	300
tcacctgagg	tcgggagttt	gagaccagcc	tgaccaacat	ggagaaaacc	cgtctctact	360
aaaaataaaa	aattagccag	gcgtgggtgc	acatgcctgt	aatcccagat	actcaggagg	420
ctgaggcagg	agaatcgctt	gaacctggga	ggcggagggt	gcgggtgagcc	gagatcgcg	480
cattgcactc	caagccttca	attcctatct	gtgagtaggt	cctcaaggct	tcctctgctc	540
ccagtcggac	aaccttcggt	ctgggacagt	actgattctc	cagctnctct	gcagacatct	600
tcttncaagg	aaccttgctt	gggaaaccca	caccaggcct	ntagaactat	agtgagtcgt	660
attacgtaga	tccagacatg	ataagataca	ttgatgagtt	tggaacaaac	acactagaat	720
gcagtgaaaa	aaancttatt	gngaaattgn	gaagctatgc	tttatttgaa	cc	712

<210> 2767
 <211> 751
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(751)
 <223> n = A,T,C or G

<400> 2767						60
ggnntttgcn	aatnctaggg	tacttgttct	ttttgcagga	tcccatcgat	tcgaattcgg	120
cacgagcagc	tactcgggag	gctgagggca	caagaattgc	ttgaaccggg	gaggcagagg	180
ttgcagttag	ccgagattgt	gccaccgcac	tccagcctga	atgacagagc	gagactccac	240
ctaaaaaaaag	taaaagaaaa	aaaagaggaa	gaattagcac	atttctatta	cagaattgga	300
cttgaaacatg	caaaatcatg	tctggatttc	tcagtgaaaa	gctgttttac	gttagtggac	360
tcttctaaca	ttttgaaatg	gtgatctgga	tttgggatct	ggctatcact	gacctacctt	420
gggtctgtga	atgaccaact	cacctaggng	ggagtcagtt	accttgccn	tacantggcc	480
catggancac	ctgcggnaag	aangnntttt	tgcttactga	ttcttncatc	tatggtgtcc	540
aattgggaag	gatcctgngc	cattgactga	netctntgag	ggttggtatn	aagcttgtgg	600
atccattctc	atgactactg	ggaaatttct	gtgaatttga	ccctgcccct	gaactccaag	660
gcagcttttc	ccctnnaaag	gtnaaatcca	ancctatta	taactggggg	ganttggtng	720
acaaaatttt	ngggctantt	taccgaccaa	anttttctct	gncctanaaa	tgttcgnacc	751
cnmcccgann	tttggngggc	ttcaccctcc	c			

<210> 2768
 <211> 800
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1)...(800)

<223> n = A,T,C or G

<400> 2768

gtaanntttc	naatgcttgg	ctactcganc	tctntgcagg	catcccatcg	attcgtnent	60
cntgtnatang	tcgnncnagn	ccttantngg	gatacttaaa	tntactatnt	ttncnnngta	120
ctctcnagga	tttgatatg	acttncnaga	tnnanatgng	nnaactnatn	ngagnataat	180
ccntgaacag	nntttgttcn	ncncatnctt	ggagaggncn	tgntatatnc	agntcatgca	240
acactatcna	ntnagggtat	nncccgncat	ccatagtga	tnatngntaa	nccactngag	300
ggntncntan	matntctgt	nnagcncaga	ccncnatnan	nangannaag	agcacntgnc	360
atatngnagn	gnnagttact	ncancntent	gangtggaat	acnnatgaca	tcaatcgagn	420
tnaccatnac	gcanntgtac	tgaganttgn	gancctcttt	ntaccaggca	tatgtcaatg	480
gtcnaanaga	gnccatnnna	cntnnacnt	tntggctnna	tgtnngntcn	ncntttgnan	540
gctntcctnt	gcatgantgg	ganntcaaan	nttcnggacn	ncaatttang	ggncettaann	600
tnaaaggunc	cannctnggg	ctctcnataa	taaccantan	nggnaaaatc	tgnaaccctt	660
gctctaccta	nncttaggg	gancctggga	tttgtnnnnn	naaaantccc	aacccttnan	720
tacttgagan	gntnccnagn	ntttmaagn	nactttgngg	atagcnnccn	aaatgttnnn	780
cnntcangn	aatccnntgn					800

<210> 2769

<211> 718

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(718)

<223> n = A,T,C or G

<400> 2769

gctcttggtc	tttttgagg	atccctcgat	tcgaattcgg	cacgaggatc	agtgaaaaac	60
attagtatac	gtttttaaat	aggctaattt	ttcaacttgg	atcattaggc	ttacgtacta	120
cttggtttcaa	atgtgtcaaa	tacaaaaatg	gtaactaggt	tgacagatac	tttgattttt	180
tcttttgaat	tcagacctgg	aatgtaagta	agtgaacaatg	cttatggaaa	gccagttagt	240
tagaattgga	aatctgtctt	gtcattttac	aagcattaga	ttcctttcct	gtgtgaagaa	300
agcctcagtg	aaacagggtc	ttgccataac	tttatgaagt	gctacagaaa	gcacaaagaa	360
ttgattcatg	ttcatcaata	cctgctgaga	gtactgtccc	aggaatatcc	agtggatgga	420
ttcatcatcc	aggaggttca	aaagtaagat	ggttttcaaa	tcatttttga	gactgggtgca	480
taacagcagg	gtacctgaaa	agagccttct	gggagttagt	gaactaggta	natgggtttg	540
ntcacatacg	ccccatcaac	ttaaaagtga	atggcttttg	tataaatgan	gtcactatgg	600
acttaccccta	aagatcttct	gtacttctgg	cttccatagg	acaaatgata	agtnctactt	660
nctcatctct	tngggttatt	aattggaann	cttgcatcca	tgggtattga	aattnaaa	718

<210> 2770

<211> 730

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(730)

<223> n = A,T,C or G

<400> 2770

gcaatagttg	cnaatagcna	ggctacttgt	tctttttgca	ggatcccatc	gattcgaatt	60
cggcagcagc	tttttctcac	tgaaatattt	aagcactgca	ttttaagaaa	acttcctatt	120
cattcgtaga	cttttatctg	gccagatttc	cactctgagg	gcttttcttt	ctagtatatc	180
gacaaacat	aaattttatt	tcctttaagg	gcaaaaccaa	cctccaagca	catttatggc	240
ccatgtttta	agagctggcc	gncctttcta	tctgtatct	ctggttaaac	gtgttttctt	300
tntcttgagg	caaatttttc	aaagaggggc	taaagctatg	tgttcctctg	gagagaactn	360
ctgcctaccc	agcangaaag	aaaatgccag	agaagcctcc	gacctggggt	ctgcccctgg	420

tagccaggtc	tcaggctana	agccttcttt	ttggttgcat	tggagtcctt	ctctacctca	480
cctttattgc	acttccttct	tggttcnnat	gtatnctcct	ctgnctnctt	taaagantgg	540
caactttttg	gactttggac	aattcctgtg	tagcaatctg	ggctgatttt	agagaggcct	600
tctgttctcg	cttccaatga	gctgattggg	tgatcagctg	attttattac	ctttccctgg	660
aggaagtana	gtcccaggat	gntggggaag	gcccnnatggg	gacccttgaa	gccctttatg	720
ttgaccctt						730

<210> 2771
 <211> 755
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(755)
 <223> n = A,T,C or G

<400> 2771						
gnnttnanan	agctngnnnn	nnnctacttg	ttctttttgc	aggatcccat	cgattcgaat	60
tcggcacgag	cagactcgca	ttatggacaa	gtcccttctc	cccacacaaa	ggaagacata	120
caccgcatag	tccatttcat	ttcagctcct	gatggcatct	gaccgccgtg	gacacttccc	180
agnggtnttg	cttttgagg	gagagtana	cgnggatga	tctgtgccag	ttgncactc	240
cttgatatt	ggngttatnt	ccactggtct	tgntgctcct	ctgtgttgat	tttcattaac	300
tcatttcacc	tnaatgaatt	ctggagcctg	gctganatng	tgcntactct	ntgncagagg	360
atcatcatga	acaaccctt	atgtagcaag	nttcccagg	tttttcagaa	gtggtgaatc	420
catgccttgg	cattcntgga	ttattccatg	tcatgtcaga	tcattcatna	aatnnaatt	480
gacacatgct	atgtgatgcn	ttctatgctg	acaccatcag	gaattcaaaa	nggtgaccac	540
acgttgntnt	gntcctgagg	acttccagg	ttanaaaaan	anataaaaaa	aacttgaggg	600
ctntaaaact	atatgagtc	natttacgtn	gnancngaca	tgaatncnga	atncattgaa	660
tgaantttgg	ccaancccn	aactatgaat	tgccgttgac	aaaaaggcct	ttttttgnga	720
aantttgngc	tgcttttggn	tttaatttgn	naacc			755

<210> 2772
 <211> 632
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(632)
 <223> n = A,T,C or G

<400> 2772						
gttgagctgc	tcttgntctt	ncnctggtn	natctgcagg	atcccatcga	ttcgaattcg	60
gcacgagccc	ttctgagnnt	gtccattcat	nggtggttct	gcccctactc	cccnagccct	120
naatacccca	tctgctgttc	ctaccnaten	nncanccacc	ggannntnca	ttcagcnntt	180
tgtctgaccc	ctgnagcccn	gagggnggga	gcagtgcnn	acanctcctt	tnncaattgc	240
tggncagacn	gctatntgtn	nctnanattn	aanactttct	gtctanttcg	anctgacntt	300
cannactaac	gctncaaten	gngattcntt	ctttaatccn	tnaggtatct	ntnattnctg	360
ngctnangan	gngccttnaa	nnctgagct	tacntgccng	ngantgngn	tattgngann	420
anggatnctg	acattgnctt	gntcacagtc	nntntnagcg	tgactgnga	tganaanctt	480
gaccctgacc	attanttgc	naccgattna	ttgctgatg	tacanatctt	gntgngnga	540
ccactgatct	agatgntctn	atctananatna	tcnactgntg	acattgtcta	aancatcacn	600
natcaaagtt	ttagatgcag	tgnttgagaa	tc			632

<210> 2773
 <211> 744
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(744)
 <223> n = A,T,C or G

<400> 2773
 gtctatgctg gntannnata caggctactt gttctttttg caggatccca tcgattcgaa 60
 ttcggcacga ggaccaagga gatgtgagtg aaaatgatgc aggctgcttc cagggtgtgac 120
 cagtaagata ctccccacat aatcttccta ctctttcttc cctgtttggc atcccatgtg 180
 ctaagaatgg gaaccctgag gtcctatatg tggaaccata aggtaaatgt ctttgggctc 240
 tgaatctcac acagggctca ctgagaataa gaaacatcct tcttgggctt tgtatgaata 300
 agaaaatact agcaaat ttaagaaggaa gtaattccag tatttcacaa acccttccaa 360
 agaatagtaa aaacaaagag ctttcctttc ctctgttatct aaaattagcc taactttgat 420
 agcaaaacca gctaggagag ttgcaaagat aataatcaga agccagtctc actgaacata 480
 aatgtgaaag tcttcagcaa aatattagtc tacttcgtgt tcacatcttt cttatgggag 540
 actnttttgt ntgggttggt ttganatgga gtttcgctcn tgggtgcca ggctggagtg 600
 caatggccgt gactttggct naaccgcacc tacgcctggg agacattttt attttcagaa 660
 tggaccatt ttcttactg gtnngggcnc aaaactagac tctggattaa ncctccctg 720
 ngggttanga agtgggccat ntna 744

<210> 2774
 <211> 760
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(760)
 <223> n = A,T,C or G

<400> 2774
 gtctatnctt tgaanctctt tgctacttgc nngntctgtn tgcaggatcc catcgattcg 60
 aattcggcac gaggatctct ttngaggatga tgggtgctntc cgagctgttt ctggagatgc 120
 tccagaggga ttttggctat agagtttata agatgctact gagccttcct gaaaaggctc 180
 tgtccccacc tgaacctgag aaggaggang cngccaagga agaagccacc aaggaggaa 240
 aagccatcaa agaggacgtg gtcaangagc ccaaggatga ggcacacaaat gagggcccg 300
 ctacagagtc agaggcccg ctgaaggang atgggcttnt gccnaacca ctctcttctg 360
 ggggagagga agaattnaaa accccggggc gaggtctctt gaggacctgt gtgagatngc 420
 cctggacca gaactggtgc ttngangga tgatggatag gaggaagttt gnaggagcaa 480
 agctggatga tntgangtn cggtncngnn cctaaaccag tcacagatgg agttctntnc 540
 acttcaagac atgcccaagg acntggatcc ctntgtctnt gcttccctta nactgntctg 600
 ttccttttag nggttcttt gatnccaact gatgtngctt ncttgcccg gccangactt 660
 ngnganggaa ccttcttacc cttgggatcc cggnttaaat ggnanaccan ggccaancca 720
 aatggtttac cnagggningg ngaaccnnaa aaaaatttt 760

<210> 2775
 <211> 737
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(737)
 <223> n = A,T,C or G

<400> 2775
 gggnnnnnnn nananataca gntgttcttt ttgcaggatc cctcgattcg ctggaattag 60
 attgtgtagg gcccgacatt ggattttatt taagtacaat aggaagccac tggaaatgtga 120
 taaccagagg cttgatgtaa tctagtctaa tctattaaag gattgctgtc tagtttgtga 180
 taaatggagc cttgacctg gtgtcaagaa attgtccttg ataccagcaa ggccaatttg 240
 gaggttattg ccattctgag atgagaagca gtaatgactt ggtgtttatt tgagatagaa 300
 agcaagtaaa atagaacat tttctggtag tagaggcaag aaaacttggt gttaatatta 360

tcaaagcaga	taataagaaa	ttgttactgg	gttgtagtaa	ttatctcact	gatattttaa	420
cccttgggtt	tattggactg	ggtggccgat	gtttgggtaa	gaaggaaatg	agaagtgttt	480
ttaatatggg	agatacctta	gcatatttat	aaacaaaaac	tgataaacia	ggacaaaact	540
tccacttatg	gtcacggtga	agtaactgat	actggcccgt	gttttctctc	cattaacaac	600
tagaaatctg	gttgcatacc	caaagaagct	ggctctgatc	cacactaatn	aaattgnnaa	660
aaatncangc	tttaatgatc	taggatccca	aaagtantgt	ggtcaaagcc	aaatncaaaa	720
gtcttttaag	gaagacc					737

<210> 2776
 <211> 769
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(769)
 <223> n = A,T,C or G

<400> 2776						
ggggnnnttg	caaatncnng	gctgttcttt	tgcaggatcc	catcgattcg	ccagcccctc	60
ctctccccgc	cttctgggag	gaggaggtca	cacgctgatg	ggcactggag	aggccagaag	120
agactcagag	gagcgggctg	ccttccgcct	ggggctccct	gtgacctctc	agtccccctg	180
cccggccagc	caccgtcccc	agcacccaag	catgcaattg	cctgtccccc	ccggccagcc	240
tnccccactt	gatgtttgtg	ttttgttttg	ggggatattt	ttcataatta	tttaaaagac	300
aggcggggcg	cggnggctca	cgtctgtaat	cccagcactt	tgggaggctg	aggcggncgg	360
atcacctgag	gttgggagtt	caagaccagc	ctggccaaca	tggggaaacc	ccgtctctac	420
taaaaatata	aaaaattagc	ncgggtgtgg	tggacgtgcc	tataatccca	gctactcngg	480
aggctgaggc	aggagaatcg	cttgaacccg	gtaggtgggg	gttgcngtga	gccaanatcg	540
caccattgca	cttcannctg	ngcaacaaag	aaccgaaact	ctgtcttaaa	ataaatnaan	600
nnattaaaag	acagaaangc	aagggggtgc	ctaaaattct	aaaacttttg	gggtccaaca	660
ccngggcaac	cggnggnttg	caaacccttg	caaccttggn	aaggcttcca	ttttntttcc	720
caaagcccn	anncagaagg	ggtcattgcc	gggccccaaa	aggaaaaaa		769

<210> 2777
 <211> 769
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(769)
 <223> n = A,T,C or G

<400> 2777						
ggggnnnttg	caaatncnng	gctgttcttt	tgcaggatcc	catcgattcg	ccagcccctc	60
ctctccccgc	cttctgggag	gaggaggtca	cacgctgatg	ggcactggag	aggccagaag	120
agactcagag	gagcgggctg	ccttccgcct	ggggctccct	gtgacctctc	agtccccctg	180
cccggccagc	caccgtcccc	agcacccaag	catgcaattg	cctgtccccc	ccggccagcc	240
tnccccactt	gatgtttgtg	ttttgttttg	ggggatattt	ttcataatta	tttaaaagac	300
aggcggggcg	cggnggctca	cgtctgtaat	cccagcactt	tgggaggctg	aggcggncgg	360
atcacctgag	gttgggagtt	caagaccagc	ctggccaaca	tggggaaacc	ccgtctctac	420
taaaaatata	aaaaattagc	ncgggtgtgg	tggacgtgcc	tataatccca	gctactcngg	480
aggctgaggc	aggagaatcg	cttgaacccg	gtaggtgggg	gttgcngtga	gccaanatcg	540
caccattgca	cttcannctg	ngcaacaaag	aaccgaaact	ctgtcttaaa	ataaatnaan	600
nnattaaaag	acagaaangc	aagggggtgc	ctaaaattct	aaaacttttg	gggtccaaca	660
ccngggcaac	cggnggnttg	caaacccttg	caaccttggn	aaggcttcca	ttttntttcc	720
caaagcccn	anncagaagg	ggtcattgcc	gggccccaaa	aggaaaaaa		769

<210> 2778
 <211> 735
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(735)

<223> n = A,T,C or G

<400> 2778

gctatgtgga	aatcgcnagg	ctacttggtc	tttttgagg	atcccatcga	ttcgaattcg	60
gcacgagagg	aagctggttg	agaagaagaa	ggaaaaagtc	gattctactg	actgacgttt	120
ccccctgctg	ttaagaatcc	caaccacaca	ctttcacaca	ctattccagg	ttctggctac	180
tgaatgatcc	cacagctgag	gtctattgnc	atcgctccac	ttctatTTTT	agcagcacta	240
aaaacattcc	caaaaaaat	gttttttagc	tttttaactg	tagattcacc	actaagaaat	300
tggcattgga	acagtcacac	gagcttattc	aaatttcacc	cattttacat	gcactcattt	360
gtgttgcatg	tgatatatag	ttctatttca	ttttatcacc	tgtgtagatg	gatgaaaaca	420
gcaacataag	caagatacac	agctgttccg	tcatcacaga	gctctgccat	actatccttt	480
tatagccatc	tctacctctg	tccccattt	ctaaccctg	gaaaccacta	atctgnnctt	540
cataattttc	ttatttcaag	aatcttacgt	aaatagggat	cacgaagtat	aacctttgag	600
aatggccttt	tcactncatt	cccttgagat	acatccaggt	agtngcatgt	atcaatagnt	660
aattcctttt	tattgctaca	cagtcctccat	agtatgaata	tactatgtac	atagcatatn	720
tatttatagg	tnacc					735

<210> 2779

<211> 759

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(759)

<223> n = A,T,C or G

<400> 2779

tgcgtcgngg	agcgtgcnan	tcgcatngcc	nanaanaatg	gcggggcgca	ttcctgacag	60
ttggataata	ggttccagga	agttcagtg	aaaatttttt	caaagcaaca	tttatagctg	120
attgaacttg	aaaagccatt	ttggtgttga	atggcaaata	tgtggacttc	agcattcctg	180
gagcctgatg	catcccgtg	gatggccctg	ttcctgtgta	catgatggcc	tggggactca	240
gcagtgtgca	gggtactctc	cttttagagg	tgctttgagg	aaagaagttt	gctgccactt	300
acagaagtcc	ccttcccata	cagtgatata	acacaagtac	cccatgtcca	gggagcatct	360
ttcctctgat	ggcttgagga	cttattttatt	aaaaggacag	gaatgtctgg	caagaaacag	420
aggagctctt	aagtactgta	aatactccta	gtcactctgc	atcagggctg	caagtntaag	480
cgatttgctg	tggtgtatac	acatgatttt	agcatgataa	cacttctgtt	taaatgncct	540
tagttggctc	ggngccacc	actggcgtga	gccttaagaa	aggctaacgc	cgntgngaag	600
aaagggcttt	ataggccng	nntggagng	ntaaattntc	tttagaactt	aaaagaagaa	660
cttgacgggg	atggggaagg	ggaaaaatga	acccatnggt	ncanggaaat	ntaggtgaac	720
angagnaatt	gaaccnattt	gcaagnntta	aagaaaang			759

<210> 2780

<211> 678

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(678)

<223> n = A,T,C or G

<400> 2780

ntnnnanncn	cagctacttg	ttctttttgc	aggatcccat	cgattcgaat	tcggcacgag	60
cgtnnacnga	ctacgtgtng	agcnctgtgn	cagacnctga	ntncacnntg	gngaanaatga	120
nngtctaggg	gnctcagccc	gtntnmttcn	taatccagtg	aganacnaan	acatgtacac	180

aggctncgat	nanttgtgnc	aattgggaaa	tgtgccatgc	tactagggga	tggatgagat	240
cncagcttan	tcttggaag	aatgagtng	ncntngcaan	taaggngga	anagaatatt	300
atcaagagag	gtgangaaag	ttgncngac	ctcaagtgt	caganatgag	aatacnttgc	360
tgtntaaatn	actgcttnac	ctcnatang	gnngaggtnc	ngtntnnntg	agctaactgt	420
atntcangng	atgttatcng	gaagaanaaa	ggctnnnaaa	cnntcncttt	tnagncacgt	480
atgtgcactt	aactgcaa	ggtactggg	gagccatata	tggacttatc	tgaaaatgac	540
ctancncaat	tgnccttaga	aaaanccng	ctgccttgta	actngtaatg	gcaactgagg	600
tggtagacat	atngatttgc	actatgagtn	gaatncttat	ntctgtngga	gtgcattcct	660
tcgtggntng	gactgaac					678

<210> 2781

<211> 682

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(682)

<223> n = A,T,C or G

<400> 2781

ggcacgagat	tttttttgtt	cgaatgagcc	ttaatcttnt	actagtgatt	ttttgtttga	60
aggagccttg	atcttggcca	ccgaaaaggt	naaaccagtg	gcaagcttga	atgcttgttt	120
tatggtagac	ttagatacga	gaacgggtaa	agggtactgg	ataaacttgg	gatataagat	180
tgcttctttt	atgcatacca	ctcataccac	tggtgggaaa	tttcatttgg	aattactccc	240
tagggccatg	gagtccttct	gcatatgcta	ataatgtaag	ttcccattac	ctttggtaat	300
aagaaaatat	ctttaaaaca	agtttagcttt	tcctattggn	tatatatgga	aggacangct	360
gttttccctn	ctgtgcattt	agcattttgn	gtatnctctc	attgcncnaa	ntatgcttat	420
aacattgtga	aaccccgctc	ctactaaaaa	tacaaanatt	agccaggcat	ggtggagccg	480
tgcctggaat	ccctgctgct	taagaagctg	aggcncaaga	attgcttgac	ctgggatgca	540
aaagttgcag	tgancctaca	tcacancant	gccttcanc	ttggggacaa	aactgtttct	600
cnnnaaaaaa	antaaanaa	tttgagcctt	taaaactatn	gtggagncgt	attacnntan	660
atccngacnt	ggatnagaat	cn				682

<210> 2782

<211> 784

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(784)

<223> n = A,T,C or G

<400> 2782

cgntgantnt	cnannngcgg	gcctcgctct	ttcannaagn	cnngcngngn	gaattcggca	60
cgaggagntc	gnanctcctg	gtggcgcttt	tttgagctgc	agtgctacaa	gagtggcctg	120
antccacca	gagaaggccc	aggaggaaga	agagaaaaag	atgctgtggt	tactagtgcc	180
aaaaatgctg	gcaggaacaa	ggaggagaag	acaatcataa	aaaagctgnt	cttttttcga	240
tcggggaaac	agacctagat	ccaaggccac	aagtaaggct	atggctctga	ttctagaaga	300
caaccttcca	agatgcctgg	caaaaccacc	tcctgtgccc	acacagacac	actaggcctg	360
tgtatttatt	tcctcttcaa	agcagactga	ggaggggagg	gacgaggntc	tcttggcatc	420
actttctccc	tggtctgcaga	actagacacc	cttgaagatt	tggtctgggc	cagtgagact	480
gaaatcaaga	aaaacagaag	ggatgtgcaa	ggtggggggg	tccacttntc	gctcccatgt	540
caacccccan	ggccttcagc	gtgcagacgc	ctgncctact	catctgctcc	cacnggatgg	600
accctgggct	ttaangggta	agcanaaagg	gagaaaaaga	aaacccggaa	aatgngccta	660
ttggagaatt	cccagngggg	gaccttcacc	tggatattta	aanggaana	ttnggatttt	720
aagcccaaca	tgcccttntc	tttanggggg	aantnngggg	attaaaaagg	naaaaaagga	780
ttcc						784

<210> 2783

<211> 741
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(741)
 <223> n = A,T,C or G

<400> 2783
 nnnttnntna nnnttgggct aacgccctnn aagnaaccag tcggnncgaa ttcggcacga 60
 gaagacctgc agcttcagca tcacttgaga agtntttagg aatgcatact agtgggcccc 120
 gccccagac atagtgaatc agaaaccaac agggaggcgc ctagcattgt tttttaaca 180
 agtgctgggt tattctgatg cacagtctag tttagaacc actactttgg gtaaactgtt 240
 tgactgttta aagtttatgg cggatgaagt ggcattctca aagactagta cttacacagt 300
 ttagaagatt tcaaggtact gctgacagta gtttattatg tcagtataca tacgtgtaga 360
 gatcataatt tagttccctt cttaatgtta caatttctta gtttactttt cctaaagggc 420
 catagcataa ttcttgattc ctgggtgaaa tcttttctga ggtgtggggg tgggcaagggt 480
 gtggattgct gtttacgata gtgccttcac tagttttatg tctgtctgtt ttcattcatt 540
 attgactcaa aggtattaga acaggccctt atctttttcc tattagattt atttttgntt 600
 tttactttat gtaagttcag aatccttttt ttaaagtgat gactactgat gaaataatgn 660
 tactagtagc tgaatttaga cttgatgcta tgntgataat atttaaattg tgaaaagtaa 720
 ttaaggcaaa atagcaattn t 741

<210> 2784
 <211> 721
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(721)
 <223> n = A,T,C or G

<400> 2784
 nttnnnntn ntgggtgtt nttcngcagg ancccatcga ttcgtgcct cctccttagg 60
 cagagagctc cttgggtcca ttgaaaacc ttccttcccc ttttgctgga attgagagac 120
 tgaggacaca aagtgggtgtg ctggagaata aactagagcc tgtgggtgcca gactggcaac 180
 ttggggattg tgtgagtgag ggagagattg tgcagagcta atcctaacat tgctgatgag 240
 tggacagaaa ccataggcct catgaatagt gatttctgaa gtcaaagccc agtatgctta 300
 aatatcaacc caagtgggtt gggagagggg agcacagctt actgttctgc taaaattcctt 360
 tgaggaatta agtnagaata cgtgtaagg acgtagcaat gggtatttac aaaatggact 420
 ctgcctgcag attattagta tgtctcagat gtaaaaccag ctcaaaagta ctangacgat 480
 ttgtagtagt atttaattat ttgtaaacct acaccgtttt tcttcacgtt tgcagaatac 540
 aaatctttgn cagtagtgaa atgngaact agtaggatta aactgngtgt aaaccttggt 600
 ggcgggatga agagaggcag aagcgcgtac tgggtgctga gttgcccgca agctcaaggg 660
 cccactatgt actgctctgg gttgcactgc ccagaggtaa ggggaagctt ccttaagacn 720
 t 721

<210> 2785
 <211> 730
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(730)
 <223> n = A,T,C or G

<400> 2785
 ggnnttnnt annatacagc tacttgttct ttttgcagga tcccatcgat tcgaattcgg 60

cacgaggggt	tctttaacct	gtgcttcctc	tgtcctactt	cccatcctgc	acagttcata	120
gagtcacttt	ctgactatcc	tatagacaca	gtaattggac	ctgtgttttt	ttctaacttt	180
tatatgacag	cacatttcct	aattcagga	ccatccccta	tcccaaattc	catcctgtga	240
gatgtgaaac	ctgtgagttc	atgtgaatga	gtgtttgaag	ggcttgacgc	catgtagtct	300
cttaggaagg	cttcaggggtg	ctcttatgtt	gatgctttgc	cattatcaaa	tggcattgat	360
tgatccgagg	gactcagaaa	gttagggtag	actctataaa	taatttcatt	attcctcatc	420
ctctnctgca	tcatttttatt	ggttagtcac	tctnccagat	cactaagatt	cttcctctac	480
aggccccgcg	aaattncaca	gagccctgat	tctnccctg	cagatggagt	ctccctatcc	540
cattgctcag	cttttcaaga	tttattatga	tgctggcaag	tganggaatt	tcttaagccg	600
agaaatcaga	agttcatgcc	tgttacctcc	taagaaccgc	gngtnaaaga	ccatntatcc	660
tggtctgana	tggcgggcct	ttagtgaaga	ataagtgtt	tttaagttgg	ttcagaaaaa	720
aaaaccacc						730

<210> 2786
 <211> 759
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(759)
 <223> n = A,T,C or G

<400> 2786						
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atccacttgc	cttaatttgc	acagtgttct	tataaatcaa	cagaaagtac	acataacaga	120
aaaatttaaa	aggttagga	tcatttagga	aaaaatgcaa	atgccacaa	atgtgagaaa	180
atgctcaatc	ttacttataa	tttaagaact	acaattcagc	caggcgcggt	ggctcatgcc	240
tgtaatccca	gctacttggg	aggctgaggc	acgagaattg	cttgaaccca	agagggagag	300
gttgacgtga	gccaaagatca	tgccactgca	ctccagcctg	ggcgacagag	caagacttgt	360
ctcaaaaaaca	aacaancata	aaacaacaaa	naaattacca	ttaaaaatga	gagagttttc	420
attggcaaag	ttaaaaagaa	agggtgaaaga	aaaacctact	cttcttgatt	tgtgtttggt	480
cacttatgga	gaattttatt	tgtcataagg	nctgaatcat	aattaaatat	gttctttggg	540
tctancagtt	cttctatttc	ttgnattata	agtaaacctt	ggaaccatct	tanacactga	600
tcataagac	taatttgnaa	taanaaagtt	tctagccttt	cattccnatg	gaaatatggt	660
tgcccgntaa	aaaaaaaaagc	ctctagaact	tttagtgagt	cgnattaccg	ttagatccng	720
aacttgatta	aggatacaat	tgattaagtt	tgggacnnt			759

<210> 2787
 <211> 751
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(751)
 <223> n = A,T,C or G

<400> 2787						
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cgagatgggg	tatagatggt	tttccccctg	tgtactctag	ttaaatttcta	tgccatttct	120
cttatcgatc	tgccctttgt	cagttgattt	ttcagcttaa	cttcagagag	caaaggggaa	180
ggtggccaag	tgacgtgtct	catgcctgta	atcccagcac	tgtgggaagc	tgaggcaggc	240
agatcacttg	aagtcaggag	ttcaagacca	gcctggccaa	catggtgaaa	ccctatcttt	300
actataaaga	aaaataagtc	gagtgtggtg	gtgcacactt	gtaatcccag	ctactcagga	360
ggctgaggga	gaagaattgc	ttgaactcgg	gagatggagg	ttgcagttag	ccaaaatcgc	420
gccactgcgc	tccaacctgg	gtgacagagt	aagaccctgt	ctcaaaaaaa	aaaaaaaaaa	480
actcgagcct	ctagaactat	agtgagtcgt	attacgtaga	tccagacatg	ataagataca	540
ttgatgagtt	tgggacaaac	cacaactaga	atgcagtga	aaaaatgctt	tatttgtgaa	600
aatttgngat	gctattgtct	tatttgnaan	ccttttttaag	ctgcaataaa	ccaagttaac	660
aaccaccatt	ggcatttcat	tttatggttt	caaggttcaa	gggggaagtt	ttgggaaggn	720

tttttnaatt tccnggcccc ggngnccaat n

751

<210> 2788
<211> 739
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(739)
<223> n = A,T,C or G

<400> 2788
tnttatntgn gnnctttgna antccccagg agcnnnngcga ttcgctggat gaagactaag 60
catttaaata ctaagttgag ggcatantag cttttntgtg cctataatcc cagtgttttg 120
ggaggcctag gcgggaggat gccttgagcc caggagattg aagctgcagt gaattatgag 180
ccaatgcact ccagcctggg tgagagttag accctatctc aaaacagcaa caacaacaag 240
atacaaattg agaaactgtt acttgatttg cgatatgtat tctgtccagc agttagataga 300
taacaaggac tgggtttacc ttgctatttt aagcaacaat atatgaaata gcaatttgta 360
ggcattgggt aacaggcaaa gcaagactgt ggtcactgaa agctgggaaa caaacctact 420
gagctctatg gttgccccaa tttattatct ggaggtagtt ttcaggctgc agagcagggg 480
tggggaagtc aaacagagca tgggtgtctta gaattgggag gacaagatgg gggttggcgg 540
ggagggaagg ttgtcatcat tcgtggggca gaggaccaga gaagtgggaa gttgtacaca 600
gaacttccag tgataggtgg aggagtcttc tgaatctggt tgaatcctga tctacaggtg 660
catgaaaagg agaacaccct gaggncagaa aaagaacca ctggaaacca caggccaaac 720
aattnctggg actcacact 739

<210> 2789
<211> 746
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(746)
<223> n = A,T,C or G

<400> 2789
ttagnnnncg ncgcgntgac cnggaaancc ccaggagcgt nncgntgcga attcggcacg 60
agtcttctag gaatgagggg catcagccca cccaggntt ttcagtggg ttccggggcca 120
cctcaggact ccaagaggct gtgtggagcc accactccta gccacagctg ccatgataag 180
tccttccatg aaggactgag gaggagagt ggggggtccag ggctggtgct gctcttccct 240
cagctctgcc ggggctctaa ggtccctcta tttatttctc aacctggct ggcctctcac 300
caggagttaa ggctgaatgc ctccacgtg atggaggaaa aggccaactc tgtcctgggtc 360
ttgtgtggc accccatgc cccacagctc gtaccttctc accagattcc cctgaatcca 420
aactcgtggt gcaaaccctt acctttttta caaaaagatc ttattgttaa tttattgntt 480
ctggcacttg ggcaaaccct gtagttaata ctctccac actagacact gggtttcagg 540
aggagggaga ctgccctgct ttgggtcccag agaggccctc tgcagatagg cgtggcccct 600
cttcagagga cactacccta gggcactttc tctttgaggt ggagagaccc ataaagcctt 660
gacacatcac tncatatggg ggaggaagaa aggatccctg gcaccttctc ctctctttaa 720
nggggccctt ttgcaagccc tagncn 746

<210> 2790
<211> 814
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(814)
<223> n = A,T,C or G

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<400> 2790
nccnngggnn cagacggaaa gccangagc cnggcgaggc gcnganacat ganaancact      60
tgaaccngng aggtggnga tgcagtttn ttttgattga gccattgcac tcnagcctgg      120
gcaacatagc gagactctag nctcaagaag annanaaata gactgagana aagaaganga      180
aaaaactnnn gaggccacca gtcctgngaa gacaacaaag aagcagggct ctgagagaga      240
ncnangaggg cataggtggc ccgaggacat naganggggt nanctncang ngaaatnggn      300
gggaacggtg ntccaggcnt agggaatagc ncatgnaaan gccgtgataa agggaanaaa      360
ctnggtgnga tggaggaatg ncagagaggg cagaacagan cnagagggca ncattcgtag      420
gagacgaggg aatcacgggc ctgccaggcc atggangggg tngggattct annacgaagc      480
ctgaggaaag tnaaggcngg gannancaca ncaaagatgc cancnggctt gggcttacgn      540
acctcccca tggcngcatg ggaangaaaa ttaanatggn cgcacaaaa agttgnaann      600
aangnngaac gcagcnnngg tgnnanngnn cccangggcg aaannggnc aaagnanggg      660
nccggggtcn nggggcttg aaaangatag gacggggngc caagnaaggc tccaanaaaa      720
atcgganccn ngggaanaac nngggaganc nngcnnggan ngggacaaaa attngggnc      780
cnggccaagg ncccggngg caccanagt ggcg      814

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<210> 2791

<211> 750

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(750)

<223> n = A,T,C or G

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<400> 2791
cnnncnntgt actgnacngg nantcccatn agccnannga ttcgaattcg gcacgaggca      60
tattgtggag aggcacagtt caggaggaat agntttcgtc ttgaagagga ggacactttc      120
ctgtgaatca tgagggacag aagatccata tagaagaaga caatagcttt gatcttctat      180
tacaagaaaa ggaatgccag tgtaagagat ggcattgat ggaagtgtat tccttttcag      240
gcctgcagag tgcctctccc ttggctccag aacgaagatc cacacttgag gactactctc      300
agtgcctgca cgcagaact ctgtctggct ctccccgac ctgttctgag caagctcgag      360
tcttcgtgga tgatgtgacc attgaggacc tgtcaggcta catggagtat tacttgata      420
ttcccaanaa aatgtccac atggcanaaa tgatgtacac ctgatagcaa gaagctaatt      480
catatgcttt aaaccaatga aggctgnca aagagattta gttaatggca gaccttngg      540
ccactttntg tgagaagaca tctcttntg ctactgtct tgcaataaaa acttttnttg      600
gcaaaanacc aaantttaga gtanccntt aaangaaaaa ccttggncct cttanaactn      660
ttntggaggg gnatttncn tngaatccc accttggatt caggaatcct ttgatnaant      720
ttnggaaaaa cccccactt ggaaatgccc      750

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<210> 2792

<211> 770

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(770)

<223> n = A,T,C or G

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<400> 2792
agcttncnnt nnatnagtnn nggaactngc cgcannatcc cancnantcg ctccgcagca      60
ggccctgtct gtccccccac ctgctggctg agctcntnct ggctctgct cctctcagct      120
gtagctgcac ccccccgct ctggctacca ggctctcccg gctgggcact gcgtggcctt      180
gccccctctc cgctggcagc tcctcagggg aacaggggct accagaggct gatttctccc      240
ctctcctggg ccaggggagg ggtattatcc ctgcctcctg ccccgatgc ccaaagcagc      300
atcttccagc actttccatc gaggacttgg gtggcagant gtgggtgcag cctggctgtt      360
gctcacccaa gtgctagctc tgcaacttct gtctgtgag agcaaccaag accttccatg      420
tcctcgaggc agtgcaact ccccgcgaga ccccgcannt ggggtggatg aacaaagcaa      480

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cgagaccac	angcgagtgc	ctgggaagga	gtgggccang	gtgggtcttg	agccattgtg	540
ggtgaggggt	nagggccacc	gaagtnccgc	ncaccgntgn	ctgccctgca	ctggctttaa	600
caagttnngnt	ntgccaaana	ctnttcaatt	taccatcaag	ccgggtctant	gtcttcaagg	660
nattggagcc	tgcgattcct	tcggggcacc	ntggggcccc	cnccggctnt	gggntccctt	720
gnggggaaat	gggcccaagc	cgggctttgc	nggtttcctt	ccnttanggg		770

<210> 2793

<211> 806

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(806)

<223> n = A,T,C or G

<400> 2793

tctanctttg	ngtgtancgc	ctngcctann	agantgggtg	gncggaagat	gaggaagcca	60
gcactggatc	tcacttcaag	ctcatnttag	atgctttcct	acagcagtta	cccaactgtg	120
tcaaccgaga	tctgatagac	aaggcagcaa	tggatttttg	catgaacatg	aacacaaaag	180
caaaccaggaa	gaagttggta	cgggcactct	tcatagttcc	tagacaaagg	tacggaaaaa	240
ggaccagatc	aatattgaaa	caaagaataa	aactgttcgt	tttataggag	aactaactaa	300
gtttaagatg	ttcaccaaaa	atgacacact	gcattgttta	aaggtttagt	ctgaattagt	360
tgattgtttt	taattgaaaa	gtttaaagnt	ttaattatna	atggtggata	aagtgaataa	420
atncaatatt	tgattaatcc	aaaagaagac	cangaaaanga	agaaaaagtn	acgtttaaca	480
agtgtgcana	atacaaaaaca	natagtgaga	tcttagatac	ttatgcagtt	ctaccgagtn	540
nttaccgtga	aatntaaaaa	agggngngaaa	atantntcca	aggttaaagc	ctttaaaaaa	600
tattannaac	tttggattca	aaaacaaact	nncttatgga	agcctttttn	ccaacnagga	660
ngtccanccc	tttaaaatan	tgaaaggatt	ntgtaaaaaa	aanannntta	aaaaaacttt	720
gngcnccctt	tttaaaancnt	nttttgggng	ggggcctttt	nnccgtnaaa	attccctacn	780
ctttgtatta	nagnacncct	ttnggg				806

<210> 2794

<211> 737

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(737)

<223> n = A,T,C or G

<400> 2794

tnanttnnnn	ggttggnngt	tcttcnntaa	gatncaancg	atncaaatc	ggcacgaggg	60
cacagtcagg	gagttagtta	gtgggtagac	tcagcaggag	ttggttgcta	ttcagatgtg	120
ttggggaaag	tgacaggcat	agctgactcg	gggtcattca	ctaagccagg	agcccaggaa	180
gacacacaga	tgcaagcaga	gatcgtgcc	ttacactcca	gcctgggcta	cagagtgaga	240
ctctgtgtca	aaaaaaaaaa	gaaagaaaat	gggcttgtgt	ggtagcaggt	aagaaattga	300
atctctgttg	tacagcagct	agctgtactg	catgatcact	tcccattccc	cagctgacag	360
tggctgtctc	tggaactcct	accacagtct	tcaattggta	ggccagccct	ggtgccagt	420
attttatctg	ggcatggaaa	atgccacttg	cttctgtgga	agagacactt	aaaagatctg	480
gcagtcggcc	gggtgcggtg	gctcacgcct	ataatcccaa	cactctggga	ggtcaaggca	540
ngcggatcac	gaagtcagga	gatggagacc	atnctggcta	acacggtgaa	acccttgtct	600
ctactaaaaa	aaaangnaaa	aaaaaactcg	agcctntana	ctatagttag	tcgnattcct	660
agatncngac	atgataagat	ncattgatga	gtttggacaa	ccacactnga	atgcntgaaa	720
aaaatgtttt	tttntat					737

<210> 2795

<211> 726

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(726)
 <223> n = A,T,C or G

<400> 2795
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 ctgcgcgggg ctcccagccc tgctgggaag gaccagggaa ccaactcagca aggagaccct 120
 cttggccctg cccccacat gcaccagca gccgggagtg cagcgggcag cctggcagtg 180
 agtgaacccc aggcctccag ccctccaaag cctggggcca cccctgtag caggcgatgc 240
 tagaataagg aggagagcca gagctgaggc tccttgcccc ttggccccctc caggggccat 300
 gggatctctg tctccacac ccctgtcacg gcccgccctg agcagcccag aggccgaaga 360
 ggttcttact gcagcctccg ggaggtgtct agggaggcca tagattgcct ggtctcgccg 420
 cattcaaat gaggttatg atcagtactt ttttcagccc cacattcctc tccagaatgg 480
 cctctgccct acagcacctg gcccatgtgg caccctatgg gcctgtcctc tgctgttggtg 540
 aggtcgacct nacgaccag cacaggagct ggaagccaag tgacgcgan gctcttcaca 600
 gcccaagaag gcagcctgtc accctgtctc ccgaccaagg gccaanagtgt ggggggcaca 660
 agccatnctc atcctgncag gccccgcttt cagaatgggg tggtgccaat gctccactna 720
 aaccct 726

<210> 2796
 <211> 721
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(721)
 <223> n = A,T,C or G

<400> 2796
 gnnmttanga tcagctcttg ttctttttgc aggatcccat cgattcgaat tcggcacgag 60
 ccgcgcgcgc caccaccacc accactgcag caacaacagc agcagcagca gcagcgccctg 120
 catagtcca ctctgacctg tgaaggaatg gggatgaggc caggagctag tgtctaccac 180
 ggccacacag ggagcagtgt gggcccttag cccccaaggg gcctgctatg catgtggctt 240
 tttttttttt aaacacagta aactagatta gtcgtcagtg ttttaattgc ccctcttctc 300
 ctctcctgca ttctctcct ctcttcttct ctctctgtcc cttctcttct ccctctcaac 360
 caggagacca tcatgtctct ctgccttctt cctctcccct ccaggggagt caggctgtct 420
 gtgaaagcca tgagcttctc tccctctccc actcctctc tctactttc agatggattt 480
 attccttttt ttaaacaatg aacatcgga atgagactgt ggggtgtggt nctctctctc 540
 ttttttttta attttctttg ttgggttttt gagcaacctc atgtccctc caggagctt 600
 ttaattacct cttanaactc aagtggatgg gaagtagagc actatgtgtc aatatgcttt 660
 ggtttctgac acgattacnc agcgaggctt taatgccatt gggtaggtga gcttctgctt 720
 t 721

<210> 2797
 <211> 750
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(750)
 <223> n = A,T,C or G

<400> 2797
 ggggttttaa tgcttggtta ctngnctct atgnagganc ccatcgtttc gctntcgggtg 60
 gccttnctgt ggaagtgaac tgctcatttt ngccttattn gtgnacnngg ggangnncta 120
 aanttggcct gtntncangg gttaaggta cactgnncta attngcaatg ggaacaccat 180
 gtactnagtt ggnntcnnc gttnttagga aagctttcnt tatgcaaggg ataacatcna 240

atagggcact	tatcccaa	aat	gaatgcagca	atttaaacca	nngatgttta	cgcattggcaa	300
gaacacngtt	aggcaggant	ntgggggtcaa	ctangctgat	gtctttgaac	acccatgagc		360
tcactggaan	gtntgnatat	cnggtggccg	atgggctnng	ggngtntnnt	gnttgctcat		420
angcgnaatt	taaangnnga	gttatgtggg	nganaatatg	tatgtttgca	attacacatg		480
gaatgtaa	caaagataca	nttctnagcn	ccctaaccnc	taantggatn	ccctcntntc		540
anncaanggg	nntntccacn	gggaacctga	aacactagtt	naggctgtga	tggacatgag		600
tgggtggaca	tgcctncatg	gnaagggaatt	nntacncnac	tnaccttcac	gaacattcna		660
ncngagacct	ttaagggtna	ncaaganatg	acttttngt	nnggaatatg	aagggtggaat		720
tgacacana	gcccctgaaa	tggnaatgna					750

<210> 2798

<211> 761

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(761)

<223> n = A,T,C or G

<400> 2798

tcnccctntt	ttgccgctct	tgttctttnt	gcaggatccc	tcgattcgaa	ttcggcacga	60
ggaacaaaca	aaaaatgcac	agttcataat	aatttctctt	cgaataata	tgtttgagat	120
ttcggataga	cttatggaa	tttacaagac	atacaacata	acaaaaagtg	tgctgtaaa	180
tccaaaagaa	attgcactta	agggaacttn	ntanatgctn	cttgcaaac	tactacnctc	240
atatggcatg	atccattnac	antaccgttn	cnatatctgn	cntctngctg	naccnntncn	300
nnatctncnn	tnctcacnnc	nntnaccnct	gnannacgtg	acgnagcnct	cnctnagatc	360
antganactg	antatntntc	angatcatnt	cacaattcnn	nctctntngn	acnncactgt	420
angncnatca	atctgcctta	cnannccaca	ncngantggn	cannctngng	agaccncnc	480
tttnnnangc	caatgcnnnn	ggatcacctt	agnccntngt	cctgccgncc	ctgtnctcnn	540
tnnnгааacc	nnntcnttac	teccaatang	nnnnatgcct	ncnnntntnc	tnancncgcc	600
cntttaantn	ccancnttcn	ttggcnaggc	cccanacact	ggnnnantnn	acttntntcc	660
cccaanttng	nggannggct	nnnannnnaa	nccnnnat	gnncncaacn	tnnnnccnnn	720
ccngngcntn	aatnccatnt	nnnannnaa	nnnaanaacc	n		761

<210> 2799

<211> 698

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(698)

<223> n = A,T,C or G

<400> 2799

gnntnnnnnn	ttnnnnacag	ctcttggtct	ttttgcagga	tccctcgatt	cgaattcggc	60
acgaggcaca	agccactgtg	cccggccaat	actgcanaat	attttaaaaa	gttaaaatta	120
tctcttctgg	ctggtcatag	tggtcacac	ttttaatccc	agcacactgg	gaagctcagt	180
cagaaggatt	ccttgaggcc	aggagttaa	gatcagctg	ggcaacacag	accccatatc	240
tccaaaaaaa	taaaaaataa	taaaaaaac	agttatcagg	ctgggagtg	tggtcatgc	300
ctgtaatccc	accactttgg	gaggctgag	caggcagatc	atgagggtcaa	gagatcaaga	360
ccagcctggc	caatgcggtg	aaacttttgt	ctctactaaa	aattcaaaa	ntaaaattag	420
ccagggtgagt	tggtggggcg	ctgtaatccc	agcccgttg	ggaggctgag	gcaggagaat	480
tgcttgaatc	tggtgggcga	agttgcagt	agttgagttc	tggtccactg	cactccaacc	540
tggtgtgaca	gagcaaac	atctatnaa	annaagacac	tnagcttnat	agttntgaga	600
tatcttttag	atgttntatt	tccaatgtta	gaaaattatc	tttgntattg	tcattttgtg	660
gtgatactna	gctctttgct	ctgatactat	aatngnct			698

<210> 2800

<211> 741

<212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(741)
 <223> n = A,T,C or G

<400> 2800
 gtntangncn gcaactncttg ntttgtgcn n gatgcncgat nttnngaattc ggcacgagac 60
 ctcttcttca ttgtttaa aat ggaaataata atactaccta gctcgtggga ttgttgtgag 120
 acaacaacaa atgagacaac agagatctga aactctgcct ggcccctggt atataccaag 180
 tccacagtta aattagcctt tggtactaaa tcattgtttg ggtagaaatc ctcagatttt 240
 ggatttctca agtgctcctt ttctactgtc caaaaggcag aatgttattt ttgctcgatt 300
 ccattatgta atatcctatg aatttgaaat ttccggaggag gcacagcatg gggctgtgga 360
 aatgggtgcag gtatctgcat ccgaaactcc gaagtgtgtt ggggaggtcc tctctcctga 420
 gccagaggc aaaaagctgc tccaagaaa tgatctttat gccccacagt ccaaagcccc 480
 acattaaaca agtctcaag acaagaaggc aatgtgacct tggcccccat gttttgtttt 540
 gacttttaat ttcaaaataa tatcattgtg ggggggctta tagtttttaa cagctgaaag 600
 ttatatagac agaaaaaatg ctcaatgagt agaaaangga aaaaccttac ttttaagaaa 660
 acgtgattaa tcaaagagat attatgcttg acctcaggcc atcactttga actctgncac 720
 tggntgnaaa atggcttncc a 741

<210> 2801
 <211> 730
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(730)
 <223> n = A,T,C or G

<400> 2801
 gggntntan tatcagctct tggtcttttt gcaggatccc tcgattcgaa ttccggcacga 60
 gagcctctga tcatcaagac atggcagaat aaaaagacaa gtcacaggct agctgaagat 120
 atttgcaata cataaatcca gcaaagactt atatccagag tatataaaga agttctgtaa 180
 atcagtgaga aaaaagacaa acccccctaat taagaatagt caaaagattt gaacaggcac 240
 ttcacaaaag ggggggtattg aaatggccaa taaacacata atcattactt atcacagaaa 300
 agcaaatata aaacagaaaag agataccaca acctcctccc cagaatgtct atatggaaac 360
 aaatgtcaat accagggttt gaccaaacc aactggaact ttcacacatt tttgctaaag 420
 tgtaaaactgg tacaacctct tcagaaaact gtttgacaag atttttgttt ttgtttttat 480
 acagttaaac acttaactta tgactaagca ttctgctcct aggtatttac ccaagagaaa 540
 tgaaaatgta tccaaacaaa gacttgtaaca agaatgtcac agcagcttta ctcaaaatcc 600
 tacaactag aaagaccag gtgtccacca ataggagaag ggaggaaaaa actaaaacca 660
 ctttggtgna atctctgcc gtaaggatg aattactcgt gcgtgtacaa tatggatgtg 720
 tcaaaaacaaa 730

<210> 2802
 <211> 732
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(732)
 <223> n = A,T,C or G

<400> 2802
 gtaatagcag ctcttgttct ttttgcagga tccctcgatt cgaattcggc acgagggcag 60
 aagagcagac atggcagatg cttttctatc ttggtgttga tgctttacgc aagagttttg 120

agatgaccgt	ggaaaaagta	caggggtatta	gcagattgga	acaactttgt	gaggaatttt	180
cagaagagga	acgagtaaga	gaactcaagc	aagaaaagaa	acgccaaaaa	cggaagaata	240
gacgaaaaaa	taagtgtgtg	tgtgatattc	ctactocctt	acaaacagca	gatgaaaagg	300
aagtaagcca	agagaaggaa	acagacttca	tagaaaatag	cagctgcaaa	gcctgtggca	360
gcactgaaga	tggttaatact	tgtgtagaag	taattgtttac	caatgaaaat	acatcatgta	420
cctgtcctag	cagtggcaat	cttttgggggt	cccctaaaaat	aaagaaaggc	ttatctccac	480
actgtaattgg	tagtgattgt	ggatattcat	ctagcatgga	agggagtgaa	acaggttctc	540
gggaggggttc	ggatgttgcc	tgactgaan	gcatttgtaa	tcatgatgaa	caccgtgatg	600
actcttgngt	tcatcactgt	gaagaccaag	angatgatgg	tgatagtgtg	gttgaatggt	660
nggccaatct	gaagagaacg	accanaana	aaaaannnnn	nnnnnnnnnn	nnnnnnnnna	720
aaaaaacctc	cc					732

<210> 2803

<211> 732

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(732)

<223> n = A,T,C or G

<400> 2803

ggntcnaatg	ctggctcttg	tgcntnatgc	aggatcccat	cgattcgacg	gagttgagtt	60
gctaactttt	gtccttttcc	tcagtttcca	gatgagttta	ncagtaaagn	atgcttttcc	120
caggcncaaa	ttgggaatgg	aaatcaccta	gntccgttcc	ctctgacagc	tgtaatccan	180
agagctnagc	tgnttacttc	attagctnng	tataagctga	cgacagcagc	gcccttgctt	240
tatntttgac	agagctagga	aanaagcctt	ctttgttntc	gctgtaatca	tagttaccct	300
tgantgaaa	tatcttacat	tnattctcaa	gcaggtaggg	agagganaaa	agacattgcg	360
aaaatnacac	ctgaatgcct	ggagcatgga	agacattctg	tccctagcct	tttccctntg	420
antttgganc	ctgngcccac	tatgcccaaa	gactgagctt	tctaaancat	ntatngattn	480
atgttattnc	ntccctana	aggctttcag	aggatctcca	tgccntacg	aagaacttca	540
gactcttanc	atgctacaga	actcancatg	atcaggntcc	cttatttctc	taattgattt	600
aaccacngat	nctatgtgtc	cttacattca	gactcaataa	nntncttaaa	nttttctcgn	660
anaccaanna	gatnctataa	aggctngagc	cctttaaaac	tanangnggt	cgaattccgn	720
agnaccagaa	nn					732

<210> 2804

<211> 729

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(729)

<223> n = A,T,C or G

<400> 2804

gaaannagct	cttgtctttt	gcaggatccc	tcgattcgaa	ttcggcacga	ggcagccaat	60
tggaagagt	gacttctgtg	agatggctgg	ctgggtatag	gactaagttc	tcattgttca	120
aatagagctg	ttcaacatca	ctgaaacctt	taagaaaagc	cctgagatca	gttattccta	180
caagtttaag	tagtagacag	atactatcca	gctctaagtc	tcaactgctc	ttttatactg	240
tacttttttt	ttgagacgga	gttttgctct	tgtagccag	gctggagtgc	aatggcagga	300
tctcagatca	ctgcaacctc	tgctcctgg	gttcaagcga	ttttcctgct	tcatcttccc	360
aggtagctgg	gattacaggc	atgtgccaca	acgcctggct	aattttgtat	ttttagtaga	420
gactggtttc	tccatgttgg	tcaggctggt	ctcaaactcc	cgacctcagg	tgatccgccg	480
cctcggcctc	ctaaagtgtc	gggattacag	gcgtgagcca	ctgcgccag	ctatactgna	540
tattttaaga	agttccagca	tgttgcatct	ctgcatttat	cctatatcat	taaaagaaca	600
taagttatca	tggtgttggg	taaattagcg	aaaatcaacc	ctttctaagt	ttaagggaaa	660
aagtattttt	aaaaacaact	taatnaaaac	ttacactctt	ttattacaag	aatgtatttc	720
ccttaaatn						729

<210> 2805
 <211> 729
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(729)
 <223> n = A,T,C or G

<400> 2805
 gcatgtggct ctngnctttt gcggaccctc gattcgctgg aattagtggc ttgctgataa 60
 tctcatttta taatttggtc agcaatccag cangaccaac tttttaaaaa aattaataac 120
 agtagtttta tgaaaactaa gtaagaaaac agtttccacc tatttctgag gtctccttta 180
 gaaggagtaa cagacagctt ttatttctct taaagttata aaaatcacia tcgcaagtca 240
 caatgaatac tgggaaggga aattactttt gcagagtgat caagtaaag atagcggggg 300
 ctaaactttt ttagtaaaact tgtgaagatt acatacagta aagtgcataa atcttgagtg 360
 tcaattcaat gaatttttat aagtaaacac actttgagag caagcctcct aagactccac 420
 ttctccaga attagctgat gtccaggcat aagggtgttt acaggtgaat tcatgacacc 480
 tttgactcct ctactgnctc agaccttagg taacatacct gcagctgctt ttctaacaaa 540
 ctgttgatca gcaaaaataa aggggctaca gaaacactca ttttatgctg gtctcctttg 600
 ggcttcatgc caagacaatt ctgnggtaaa tgtncagttg actctgattt ggnaatatga 660
 aaatcaagtc catccttggg attaaaaaat tttttacaat tagnaattatt attgatggtc 720
 atattgggn 729

<210> 2806
 <211> 739
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(739)
 <223> n = A,T,C or G

<400> 2806
 gcaaagnggc tcttgttctt tntgcaggat cccatcgatt cgnccggcggc tctggctgcc 60
 cggcggtnga gagcatggac tctccagggg cangtnnggc gcctccggag ttaccggagc 120
 ggaactgcgg gtaccgcgaa gtctnntact gggatcagcg ctaccaangc tcagccgatt 180
 tgcgcccta cgattgggtc ggggactant cctccttccg tgccctncta gagccggagc 240
 tgcggtccga ggaccgtatc cttgtgctan gatgnnggaa cagtgcctg agctacganc 300
 tgnctctnng angctnccct aatgtnacca gtgtggacta ctcantnntn ntngnggctg 360
 ncatgcaggc tnnctatgcc catgtgccgc agctgctctg ggagaccatg gatgtgcgga 420
 anctggactt cccaatgctt cttttgatgt ggtntctgan aanggcncgc tggatgccct 480
 gatggctggn gaacgagatc cctggaccgt gaactntgaa gnggtacaca ctgtggacca 540
 aangttgagt gangtgagcc gtgngnttgt cccatgcagg ncnnttatn ncantgacta 600
 catgctggcc ctgcctttat gggccnaacc tntgcccaag nntattatgg ataggacct 660
 gaagcatgct acctattggn aatgggttcc acnttccatt gngnacctca tgctncaaag 720
 gccggtaaag ctnnaaacn 739

<210> 2807
 <211> 728
 <212> DNA
 <213> Homo sapiens

<400> 2807
 gaaagcagct cttgttcttt ctgcaggatc ccatcgattc gcaaaaagtt aaaattttat 60
 ttttctctca tgtaacattt tggataattt gatgattccc taatgttggg acccagttct 120
 ttctgtctta ggctcacaac tacccttgag cctgtgtcat ggggatgac tctgaagctg 180
 cgtgcaccct gttcattcac attttcttgg cctgaactta gtcactaggc tattcctaac 240

tgcaagagaa	gctggaagat	gtagtcttcc	ttctgaccag	ccatgtgctc	aaccacaaat	300
tgagtttcag	ttattggagg	gcagaaagaa	tagatatggg	gctgctttgt	aggctgctgc	360
tcggggcagc	ctctgctgtg	ttatttgaga	tttataattt	tccttggtt	cccagatgac	420
agtggaaaaa	ggcatagtca	agacttcaag	tgcggaatat	gttggcaact	ctgacatgca	480
agttcttttc	catatagagc	tgagttatgc	tggagtattt	tggttacaaa	gacttcattt	540
tctcacctgt	ctgaattcct	gtttggattt	tagttactct	tgatttatca	gcatggatta	600
aaaattgaaa	agacttggtg	ttttaaaatt	atatctgaaa	tggcagagac	agcatctgag	660
gattcctctt	gctactataa	ggaatgagta	attagtttga	tttttcttta	aatccaaata	720
aataagat						728

<210> 2808

<211> 739

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(739).

<223> n = A,T,C or G

<400> 2808

gnaaancagc	tcttgttctt	tntgcaggat	ccctcgattc	gaatcggcac	gagacanagc	60
atatgtacca	acaatgcatg	tttatattct	gtgccatgcc	aggggcaa	tcatagttgg	120
cctgtttcca	taagtgtggg	gatggaaact	tgaacacag	gacatctcat	aatgctgtaa	180
gcagggacca	ttgaaattga	ttcctagagt	cttgttctac	aacttcttta	aaaattactg	240
atttgacagc	agtatgtatt	caacatttaa	gactttctgn	ctaattttga	gcatacattc	300
ttgactaang	ctagcaatta	gagattcttt	ctttaattta	tcagatatct	attaattgtc	360
tacttttgag	tgggctctgt	gcaaggcgct	aaaaagccag	ttactggggg	tctgttcctt	420
aaggatcctg	anaattgagt	tgctaagaat	taaatcagca	ggcgtgcaat	atgactgtca	480
aagcttgacc	cctgcttnga	ttccctttgt	tganacaggt	tcttatagga	cctggattct	540
caccacatcc	tctggtctgt	ttaagggaa	acaaagggta	agctcaactc	tgtgtccagg	600
agtaccttat	agtccttttc	ccttaactgn	gtcnggttca	acttgatcca	agatcaggga	660
ttagtacaag	ctttgtaaaa	aaaaaaaaag	tttatttttt	acaaaaata	ganccagatg	720
ccctttggaa	ggtaaaaagn					739

<210> 2809

<211> 736

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(736)

<223> n = A,T,C or G

<400> 2809

gcnatgcttg	gctacttggt	ctttctgcag	gatcccatcg	attcgaattc	ggcacgagga	60
gagacagtga	gagagacaca	ccatggggcc	tgatatggag	gcacttacgt	ccaccaatgc	120
tgtaacattt	gcattcggtt	acaccctttc	attaatttat	taaatcattc	tccagtgtaa	180
cttctgtaga	attcccagtt	tttgctttta	tgaattctg	tagttgatga	acctcagatt	240
ttacaagtaa	ttgaacttaa	ctacaggaga	aggaggagaa	gaagggtggg	ggaaaggaca	300
agaaaaaaaa	ccaagatata	actttttttg	gttcccctct	tttaattatt	tttctaaaaa	360
tcatacta	aatatacaat	atttaaaaaa	gcaggtatct	aaaattacat	ataaactggt	420
ccttcgagta	agtcagagaa	tgctatttgc	tcattgttaa	ctgtattttt	agtatcttcc	480
aaacaaaatt	ctctttatca	aaattatcat	ttgcagcttt	tctaggtagt	ttccaaagtg	540
gatgcacgct	tatggttggg	aaggatcctt	cttgacaaag	ctttcacact	cagaaactac	600
tatcaaatgc	agtcagcac	aggaagaaag	aatacactga	tgacccgagt	atgctgaaat	660
aaaagaaaca	taaggngctg	ctgtctgaat	tcacactgga	gtttctttca	ctggtgtcaa	720
gtggtggtaa	cctatc					736

<210> 2810

<211> 732
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(732)
 <223> n = A,T,C or G

<400> 2810
 ggatctagct ctgntccttt tgcaggatcc catcgattcg aattcggcac gagcattagt 60
 atttttgtga tttcattttt tacacttaaa tattgattca tgtggaattc actttgatgc 120
 aggggtgcagt aggggtccag ttttaatttt ttttagattg ctactcagtt gtttcagtac 180
 tgcttagtga ataagccatc tttattatct tgagatgtca cttttattat gtactgaatt 240
 tctctgttta tgttgggtct ttagctgtac tatgtggctc cttccattga tttgtctttt 300
 actgggctgt gtcatactgt ttttaattat tgtagtgtta tatttttagta tttggtgagg 360
 ctgaccctc ttcaattaac ttttgcttta tttttccaa aggaaattta ggagccggac 420
 acatatgtgt gttcatgtat tttcattggg aatgcattaa atatatagat taatttaagg 480
 gatcattggc acttttgtga tgttgagtat gtctgttcag gaacatggta tngcttttcc 540
 atttattcaa gtctttcaag tatttttttg gagcatttta aagttggctt catatagatt 600
 tgnatattnn ctttctgnga aaccaataga ctncaaaagc tttantggct tatggcaacc 660
 aaanggttaa tttctcattc accgttacat gccacctgta ggtcaatggc agccctgctt 720
 atggttcgat gn 732

<210> 2811
 <211> 735
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(735)
 <223> n = A,T,C or G

<400> 2811
 gtaanntnnn aatancangc ttgttcttta tgcaggatcc catcgattcg aattcggcac 60
 gagatccaat atttattgag tgtctattag gtgccaagca ccttaatagg tcctatggat 120
 ttgaaatgcc gtccctgtct tagatctcac ggtctactgg aggacacaga gaagtaagca 180
 ggcagttgca gtacaatgta acactgagtg ctgtctgtgt atgatgctga ggagggaggt 240
 tagcctgagc cggggaagcg gagcttgcaa tgatcggaga tcgcgccact gcaactctagc 300
 ctgggcaaca gaacaagccc ctgtcttaaa aacaaaacaa aatcttcaga gcaggcttaa 360
 aaaaaaatct ccctagggga ataacaatta cctgccttct gtaatcatgc atgtattggt 420
 acaatgaatg ttacaaagtt ggttacgtga tgttcattgt ttaaaactga gttattgtca 480
 ttttcaacta gattctgcca cagtaattct gaaagggttt aattgaaaat attttctttc 540
 tcagtttact cgtttactca ttcattcata taaaaaaatt gcttaaaatg tcaatcatcg 600
 gctagacccc atacccaaag ccaataactg gcctcaagaa tttacaatct agtgaggaag 660
 acatgttttag acaggcatta aaaaacccaa cctagcacca agctatgtag aactcagaga 720
 accattnatt gaagt 735

<210> 2812
 <211> 744
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(744)
 <223> n = A,T,C or G

<400> 2812
 aaacaagcag cncctgtaa anccctcnnt gcnggacca tcgttcgaat tcggcacgag 60

gacatacgag	aagaaattaa	atgtgacttt	ttattttaaag	caaaacaccg	aattgctcat	120
aaaccgcatt	ccaaaccaa	aacttcagat	atTTTTgaag	cagatattgc	aaatgatgtg	180
aaatccaagg	atttgctagc	tgataaagaa	ctgtgggcnc	gacttgaaga	actagagaga	240
caggaagaat	tgctgggtga	acttgatagt	aagcctgata	ctgngattgc	aaatggagaa	300
gatacgacat	cttctgaaga	ggaaaaggaa	gacgtaaca	caaattgtga	tgcatgcat	360
caagtaacag	actctcatal	tccttgncat	aaggatgggtg	caggtcagaa	ccattcaatg	420
gncaagtga	tagtcagntg	aacnggtcag	tgaatgggtc	caggtcttac	ccagtgatga	480
tgatgatgat	gatgatgacg	acgacgacga	ccacattgac	gacgatgatg	gngatacgcc	540
atgangcttt	aagggttgga	gaaaattcta	ttcccacaat	ttattttcac	atactgggtga	600
ccctaanagg	gncccaaata	aaaccgggaa	gaatcccnct	ttnaaaaatc	cctggnaagg	660
aaggaagaaa	gccnaaccgt	aancnaaaga	acaanccctg	gcaangggca	cttntggccn	720
agaactggcc	gaccaatnan	gncg				744

<210> 2813
 <211> 746
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(746)
 <223> n = A,T,C or G

<400> 2813						
ggmntnnaag	ancagctctt	gttctttttg	caggatccct	cgattcgaat	tcggcacgag	60
acgaaatagt	gacatgcact	tattagatnt	ggaatctatg	ggcaaaagtt	cagatggaaa	120
gtcgtatgtg	tattacgggg	agctggaatc	caaaatcccc	acattttcaa	gttgtaaagt	180
aagaaactcc	taaagataaa	gtcctgttta	tgaccacagc	tgtagatttg	gtaataacag	240
aagtncanga	gcctgtncga	tttctcctgg	agacaaaagt	ncgcgtntgc	tcacctaatg	300
aaagattatt	ctggcccttc	agcaaacgta	ntnctactga	aaattncttt	ttgaaactaa	360
aacagataaa	gcaaaggagg	agaaagaata	atactgacac	tttatatgaa	gttgtntgct	420
tggaagtga	atcagaaaga	gagaggagga	aaactacagc	cagtccttca	gttcgcctgc	480
cacagtctgg	atcgcaaagt	tcagtgtatc	cttctcctnc	agaagatgat	gaagaggann	540
ataatgatga	acctctnctg	agtggatctg	gtgatgtatc	caaagaatgt	gcanaaaaaa	600
ttctttgaaa	catggggaga	actgttgtca	aaatggcatc	ttcaacttgg	aatgtgaaga	660
cccgaancan	gttggcattc	cttagtnagg	aaaccgtgtn	ccttgaagct	cttcnangga	720
gaagtctngc	cacctgcttn	ccangg				746

<210> 2814
 <211> 729
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(729)
 <223> n = A,T,C or G

<400> 2814						
ggmnttnaaa	tnacagtact	tggtcttttt	gcaggatccc	atcgattcgg	gagaccagggt	60
ggagaccact	cacagaaatc	agtaacatga	aaaccacagc	cacaaaacca	ccactgtcac	120
tcaatcgcca	tcatcacggg	caggacagtt	ctacatcatc	tccctccggc	ctgaggcttc	180
ccaggcagtg	tggaaggagg	ggctgcatct	cctggctggg	gttcacacct	aagtttctctg	240
aggtccaagc	tgacctggaa	agtttctagt	gagtggcaca	tcctgtccca	acaaggggaa	300
cacgggcagg	atgtgcctgc	accctgggaa	aagtgttgtc	tcgcacacg	gggaagaagt	360
tgtctggggg	acagaggagt	tccaggtagc	aaacacaggc	tacaggggca	gggttggaag	420
aggctggcag	ctggatgtga	gacagccagg	tggaaggagg	tccccaggcc	cctccagccg	480
gcctgtgcac	tgggaggggt	gcacactggg	gtggagccca	cagaggtttg	tgccatttgc	540
ggcggggaga	acctgccctc	ctcttcctgg	gtggaattca	atctgtgagg	cangaagccc	600
atggcaggaa	acacactatc	ttgctttgct	ganggtctct	atttcccttt	tttttctctt	660
tttgcccaat	aaatcccttt	ttctacttct	tcaaaaaana	annnnnaaaa	aaacttgagc	720

ctntaaaat

729

<210> 2815
<211> 711
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(711)
<223> n = A,T,C or G

<400> 2815
caagctcttg ttctttttgc aggatcccat cgattcgctc tctactagccc tgggcacttc 60
ccactgcctt tgtggacttc tgtttgctct tctgtagaat gggataacag tgccagtcct 120
gcttactatt tagggttatg tgatgcttgc agatgtacag ggaaagcacc gctgatggga 180
gctgctgaag tttctagggg aggtgaaggt ggcgcctcct cccctggtct aagtggtaga 240
tgggtgcagg agaggagaat ttcattctgt ggcagcagct gatagattcc aggtctttaa 300
tactacctgg gaaaccttaa caaagcagtc agtcaccaa actgacctag cttctgagca 360
ttgctaacca tgcttttaga gaaacaggag aattgcttga acccaggagg tggagggtgc 420
agtaagccaa gatcacacca ctgcactcca acctggacaa cagagcgaga ctccatctca 480
aaaaaaaaa attgtgttgc ctcatacgaa atgtatttgg ttttggttga gagtgtcaga 540
ctgatctgga agtgaaacac agtttatgta cagggaaaag gattttatta tccttangaa 600
tgtcatccaa gacntanagc ttgaatgtga cgttatttaa aaacaacaac caagaaggca 660
gaccnggata tactngaaaa aggatgcttt ttttttttta ctccctctaa c 711

<210> 2816
<211> 739
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(739)
<223> n = A,T,C or G

<400> 2816
gmnntnttaa tacntnaggc tcttgcttct tttgcaggat cccatcgatt cgctctagca 60
tgtgccataa attacagtga cctttaaaat ctgcgttggt cactgctgaa tgggtgagaa 120
taggcttggg tccagttttt aaggtcacac tgcctcaatt tgcaatgcat cacaccatgt 180
actaagttgg taacaaccgc ttagaggaaa gctttcgtaa tgcaaggag aacatcaaaa 240
agggcactta tcccaaatga atgcagcaat ttaaaccaaa gatgtttacg cagggcaaga 300
acaaagtaag gcaggagttt ggggtcaact aggtgatgt ctttgaacac ccatgagctc 360
actggaaggt ctgaatatct ggtggccgat gggctcgggg tgtctcgtca ttgcttagaa 420
gcgaaaatta aatgctgagt tatgtgggtg aaaatatgta tgtttgcaat tacacatgga 480
atgtaaacca aagatacaat tctaagcccc ctaaccacta aatggatccc tncctctcagc 540
caagggcatt ccaaagttaa cctgaaacac tagttcangc tgtgatggaa atgagtgggt 600
gggacatgcc ttcatggaag gaattcagac acaactgaac agcatgaaca ttcaaacngg 660
agaccttaag tctacaaaac cagactcttt gtagccatta agatgcttga tatgacagaa 720
aggccctgaa agcaatana 739

<210> 2817
<211> 730
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(730)
<223> n = A,T,C or G

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<400> 2817
gtnttttttn tatccctttc nanttgtctt ttttgcagga tcccatcgat tcgaattcgg      60
cacgagagta aattcagtggt ttctgttgcc gaagagtgtt tattggttct ttcactttca      120
tttcataggg ccctttcttc tactggcatt ctacttttga attactaaga agtttcttct      180
aatatccctc tatctccttt ttctttctag ttttagataa agctgtcaaa agaacagtta      240
tcatagaaat agaaacattt aaattaccgg cacgatatgt tatttcttgc tgcaaccatt      300
cagaatatct atttgtcact gccttgggtg ctttgaagtg aaactgtgct tagatataaa      360
aagtttaaaa ctacttttga ttacatgtta agctcacagt ttttacctg cagttcctga      420
atttagttcc atcaaaactg tatgactagg ccacatgtga tggctcatgc ctgtaatccc      480
agcacttttg gaggccaagg cgggcggatc acctgaggtc aggagtttga gaccagcctg      540
gccaacatgg tgaaacctg tctctactaa aaatagaaaa attagctgga tgtggtggtg      600
cgtgcatgta gtcccagctc ttgggangcc cagcaggaga atcacttgaa cccgaaangt      660
ggangctgca ntgagccaag aatgcgccac ggnactntac ctgggtgact ncatctcaaa      720
aaaaaaaaaa

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<210> 2818
<211> 727
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(727)
<223> n = A,T,C or G

```

```

<400> 2818
ggnttttnatc agctcttgggt ctttntgagg atccctcgat tcgaattcgg cacgaggcct      60
tttgtgggggt ctcatacata actcagtttc cacaagctg tgccccagct cagccctatg      120
gatagaagca tgggtctgggg ttcccttggct gaccagggtg tgtgctttgt ccaagttact      180
gaccttccca aacctcatca atgcacataa aaagagcact tgcaaacaat gaatctagac      240
atggaccttc acaaagaaat aactcaaaat ggatcccagg cctaaatgaa aaatgaaaaa      300
ctataaaaact cctagaagat aacataaaaag aagatctaga tgacctaggg tttggcaatg      360
actttttaga tccagcacca aaggcaggat ccaggaaaaga aataattgat aagctggact      420
tcattaaaaac gaaaacttct gctctgtgaa agatctgaga agagaggctt ggatccaaa      480
acagactggg agaaaatatt tttgatggaa atatctgaga agagaggctt ggatccaaa      540
atatacaaag aattttctaaa actcaataat ttgaaaataa acaacccaat ttaaaaagt      600
ggccaaagat cttaaatgac gctcaccaa agaagatncn cagatggcaa ataagcatat      660
gaaaagatgc tncgggctgg cacngtggnt acgcccgtaa tcccacactt tgggatgcc      720
aggcagn

```

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<210> 2819
<211> 730
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(730)
<223> n = A,T,C or G

```

```

<400> 2819
gtnnnnnnnn nnnaatgctt ggnnnnttcc ngaccntct ttcgaattcg gcacgaggtg      60
agatacctgc ccctactttg ctttcttcca tgattggaag cttcctgagg ccaccccaga      120
gtcagaagcc gctatgcttc ctggacagct tgcagaacca gtattcactg actgctgaaa      180
ctagagcatc actgagaagc aagagataga ctgacctaac tagagggaga gctgccatcc      240
aggatgatgc caccatcaca ggaggtgaga aggaacacag catcttctgc aaatgctaca      300
gtaaataggg acgggggtgca gcaatgtgag gaaagtggaa tgaacttggc ctttgaaggc      360
aaactaacct ggaatcaaat actggctctg ctgtttgcaa gtgtgatctt tgggtatgct      420
tcctaactct tgagcttcaa ctccctctc tgtaaaccaa gatcaaagac aaacagggaa      480
acctacttgt ctggtgccc tcccttggc agaacactcc tctgaaggat gacagtttgg      540
ctgtgccagg gcagantgcn cgacaccaa tgagccttca tagcaactat ctgatgagga      600

```


actcactggc	ctacctttcc	ttgacagctn	gggcctgcc	ccttgaagca	tgacttcaca	660
acgnccctac	ccaanggc	ggangttgct	gctgatgagc	aactgggtat	atttaatcca	720
ggttctgctn						730

<210> 2820
 <211> 727
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(727)
 <223> n = A,T,C or G

<400> 2820						
ggnttttnatc	agctcttgtt	ctttntgcgg	atccctcgat	tcgaattcgg	cacgaggcct	60
tttgtgggg	ctcatata	actcagtttc	cacaaagctg	tgccccagct	cagccctatg	120
gatagaagca	tggtctgggg	ttcctttgct	gaccaggggtg	tgtgctttgt	ccaagttact	180
gaccttccca	aacctcatca	atgcacataa	aaagagcact	tgcaaacaat	gaatctagac	240
atggaccttc	acaaagaaat	aactcaaaat	ggatcccagg	cctaaatgaa	aaatgaaaaa	300
ctataaaaact	cctagaagat	aacataaaaag	aagatctaga	tgacctaggg	tttggcaatg	360
actttttaga	tccagcacca	aaggcaggat	ccaggaaaga	aataattgat	aagctggact	420
tcattaaaac	gaaaacttct	gctctgtgaa	agatgctgcc	aaaaaatgaa	aagacaagcc	480
acagactggg	agaaaatatt	tttgatggaa	atatctgaga	agagaggctt	ggtatccaaa	540
atatacaaag	aatttctaaa	actcaataat	ttgaaaataa	acaaccaat	ttaaaaagtg	600
ggccaaagat	cttaaatgac	gcctcaccaa	agaagatncn	cagatggcaa	ataagcatat	660
gaaaagatgc	tnccggctgg	cacngtggnt	acgcccgtaa	ttccacactt	tgggatgcc	720
aggcagn						727

<210> 2821
 <211> 733
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(733)
 <223> n = A,T,C or G

<400> 2821						
gnannnncta	atgctcggt	ngttcttttt	gcaggatccc	tcgattcgaa	aaagttgagt	60
atcttatgt	gccagtgtgt	atcatgctga	atactttatc	tggatgggtg	tatattatcc	120
ctcctataga	ctattgagtt	gagtactgtt	attagatcca	ttttacaaat	gaggaaacta	180
tggagagatt	aagtaatttg	cccaagatcc	cataataaga	aggcaagtgt	cgaatgccag	240
gcatttcta	ttcagagtcc	atagtcttaa	cccttgctgt	attctcttcc	acaaatacac	300
ccagcaggta	aaagactgag	aaaaataaat	atcaaaaagt	accttttgaa	attgactaca	360
tgaagttagc	aaaacctgag	ttgttttgtg	aaagcggtga	gtacaaagca	gtattttgga	420
gagggttgtg	cagggaaatc	gagatgaagc	tgtgtgctga	aaaggagaga	agaaattaga	480
ggaagggaat	ggtggcctta	cagagaaaca	gacttgaagt	gatgtgaagt	gtttgcgctg	540
ggtgaatgct	ggcaggaata	agtgagcagg	gagcgagtga	acaggataag	agagatcact	600
tcggagtaaa	gccttgaaaa	gggagtgtag	gaggaagttt	ttctcccttt	nctgcacct	660
tcctttgngc	gtaaaataga	aatgtcttcc	ttctgaagga	ttcaaagaga	atgttggctt	720
ttctttcatt	ctc					733

<210> 2822
 <211> 739
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1)...(739)
 <223> n = A,T,C or G

<400> 2822
 cgcattttta atncagctct tgttctttnt gcaggatccc atcgattcga attcggcacg 60
 aggttgtagg cctccttcat ctgttcattg gctgtggcat taggccagct actctttgca 120
 cttctgtnaa gtgagacggt cgatcttgct tgcctctcta gaggatggct gcagggtgtca 180
 aatggggtag ttaggtggga nggcatttca caaagttaaa aaatatgact ttggaggctt 240
 gttatatattga tgaggattat aatccctgag aattcctggt atgaaaaagg gaaaagaaga 300
 taatttgtga aagaaataag tgtccagtta ctagtctttg aaaagggtca gtctgtagct 360
 cttcttaatg agaataggca gctttcagtt gctcagggtc agatttcctt agtgggtgat 420
 ctaatcacag gaaanattgt ggttccctcc agtctcttcc tgggggaatn gagcccaact 480
 ctcatctcat ttaattagat gaaatagaac tcaaagtaca atttactgtt gtttnacaat 540
 gccacaaaga catggttggg agctatnctt tgatntgtgt aaaatgctgc tttgtgtgct 600
 cataatgggt ccaaaaattg ggtgctngct aaagagaaga tactgttaca gaagccaccn 660
 ngaagacctc tgttcattca cccccccg ggtatcagga attgggttcn agnggtgtgc 720
 caaatccngt ttgcctatn 739

<210> 2823
 <211> 730
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(730)
 <223> n = A,T,C or G

<400> 2823
 ggttnaatag nagctcttgt tctttntgca ggatcccatc gattcgaatt cggcacgagg 60
 atgtcctgct atacaccatc cactgccctg ccccttaagc ctcacatctt tcatctctcc 120
 tagttccaac ccatggtctc cagacgatga ctctgcctcc ctgttctggt agcattcaca 180
 gattgccttg tttagtagcc tttcacatga gatccacttg acagcccctg tcctcaccct 240
 tcctcaaaact cctcaccaca ctgaaactct tccagctcca tgagtaggtt cttgggtggt 300
 ttcttcacct gcaggttcag gtcaatgctc agccggggac tcgacaggga tgctttgcag 360
 gtctctggag tgctctttgt gcagtccttc ctctgtggtta ctctgccctt gaactctcac 420
 tgcttgggcc tccccaaagt ctaaaccttg tctcctcaac tcagaaagtc ctctgggctc 480
 tgtctgggct ccccttccct gtatgtggaa ttaaactctc ctgclangcag gaagttgggg 540
 caatcctagg gctcactttg ttatcttccc atctctcagg gatcactgtc ctgatgtcta 600
 ttgncctgga aaccgntggt tcatTTTTTT tctngnntg gtttaaacad tattttttca 660
 ngtgggagg taaatcagct ttgntactnc atcttggctg gaaattcata accnaagggt 720
 aactgtttta 730

<210> 2824
 <211> 739
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(739)
 <223> n = A,T,C or G

<400> 2824
 ggtttatatg nngctcttgt tctttntgca ggatcccatc gattcgcgcc gcccactcg 60
 cccagccgc cgccatgaag gccgnggtgc agcgcgtcac ccgggccagc gtcacagttg 120
 gaggagagca gattagngcc attggaagg gcatatgtgt gttgctgggt atttccctgg 180
 aggatacgca gaaggaactg gaacacatgg tccgaaagat tctaaacctg cgtgtatttg 240
 angatgagag tgggaagcac tggtcgaaga gtgtgatgga caaacagtag gagattctgn 300
 gtgtcagcca gtttaccctc cagtgtgtcc tgaagggaac caagcctgat ttccacctag 360
 caatgcccac ggagcangca gagggcttct acaacagctt cctggagcag ctgcgtaaaa 420

catacaggcc	ggagcttatt	aaagatggca	agtttggggc	ctacatgcat	gtgcacattc	480
agaatgatgg	gcctgtgacc	atagagctgg	aatcgccagc	tcccggcact	gctacctctg	540
acccaaagca	gctgtcaaag	ctcgaaaaac	agcagcagag	gaaagaaaag	accagagcta	600
agggaccttc	tgaatcaagc	aagggaaga	aacacttccc	gaaaaggaag	accgcaatgc	660
cagcaacggg	gctnaaggcg	acgttgtnct	tttgaacggg	aaccgtaact	naaganggaa	720
naattantnt	gttattaat					739

<210> 2825

<211> 747

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(747)

<223> n = A,T,C or G

<400> 2825

ggttctatag	ctggctcttg	ttctttntgc	aggatccctc	gattcgaatt	cggcacgagc	60
ctgtgtccag	cgctctcggt	tcaggggaaa	tggtttggtg	ttcatgagta	gtatgtcccc	120
cagtgcacca	ttgtgtgggc	gtcctcatgg	ggtatccatt	cttctaggaa	gatcctgggg	180
ctgtttccag	ttcgaagcca	ttattaataa	agctgcaagg	aagaaatatt	tttatggatg	240
tgtgttttta	tatctctgat	aaatatattc	aactggaatc	attgggtgta	ttgggccatt	300
ctcccattgc	caaaaagaaa	tacctggcca	ggcgagtggt	ctcacacctg	caatctcagc	360
acttgggtgg	ctgangcagg	tggttcacct	gaggtcanga	gttngagacc	atcctgacca	420
acatggcaaa	accccatctc	tactaaaaat	acnaaaattg	gctgggcccgt	gggtgtcagg	480
tgctgttaat	cccagctact	tggaagactg	angcaggaga	ctcgcttgaa	cccaggaggt	540
ggangttgca	ntgagccgag	atagcaccat	tgcactgcan	cctgggcaac	aagagccaaa	600
actcttgttt	gaaaagaatt	caaaaggaat	accttgagcc	tggtgagccc	aagaatgnac	660
tactgnactt	ccagcctggg	gtgacaanag	tgagactgtc	tcaaaaaaaaa	aanaagggga	720
ttttttaaaa	aaaagccctt	ttgaacn				747

<210> 2826

<211> 728

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(728)

<223> n = A,T,C or G

<400> 2826

gggtttaaga	tcagctcttg	ttctttttgc	aggatccctc	gattcgactc	aaagacacgt	60
acatgttgtc	cagcaccgct	tcctccaaaa	tcttgccggc	cattgcctta	aaggaagggt	120
ttcattttga	ggaacatta	actggcttta	agtggatggg	aaacagagcc	aaacagctaa	180
tagaccaggg	gaaaactggt	ttatttgcac	ttgaagaagc	tattggatac	atgtgctgcc	240
cttttgttct	ggacaaagat	ggagtcagtg	ccgctgtcat	aagtgcagag	ttggctagct	300
tcctagcaac	caagaatttg	tccttgtctc	agcaactaaa	ggccatttat	gtggagtatg	360
gctaccatat	tactaaagct	tcctatttta	tctgccatga	tcaagaaacc	attaagaaat	420
tatttgaaaa	cctcagaaac	tacgatggaa	aaaataatta	tccaaaagct	tgtggcaaat	480
ttgaaatttc	tgccattagg	gaccttacia	ctggctatga	tgatagccaa	cctgataaaa	540
aagctgtgnt	tcccactagt	aaaagcagcc	aatgatcac	cttcaccttt	gctaattgga	600
gcgtngncac	catgctgacc	antgggacag	agcccaaat	caagtactat	gcagagctct	660
gtgccccacc	tggggaacag	tgatcctgac	agctgaagaa	ggactggatg	actggcantg	720
cttttgna						728

<210> 2827

<211> 729

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(729)
 <223> n = A,T,C or G

<400> 2827
 gtnnnntttt gaanccttgc nnttnccctt atgcggatcc catcgattcg tggggtgact 60
 cgctacatca gctcagactt ggctgtgggt ntnccttgt gaattgttgt ttccacatgt 120
 gtggttcttc atttttggct ctccgtgtgc cccatcacct tcccgtctca ccatagggtt 180
 tagggatttt tgctgtgtgt tcaaatagaa catgaaagaa gccttttaaa agtatttctg 240
 tgcctattca cagtccctta aattttatta cagtttttac gttggtttaa agagtatttt 300
 ggtttgattt atatggaaaa cttctttttt aacattatag taacatagat ttttaaaaaa 360
 tgaaattcta ggaaacaaat attatagact agttagatgg caaggagaac aggagtttta 420
 gaactaactt ttaatctcca taggtactag ttgtctggac tagctgagtc atttcatctc 480
 agtaatactt ggtagtgtct tgaatagcag atcttgcatg cacagaacac agcccagtac 540
 ctgcatgtga caggcacttt attttctggt aaagttaagt acagttgacc cttgaacaat 600
 gtgggggtta ggggaaccaa ccttccacac agtaaaaaat ctgggggtgaa cttttgactt 660
 cccaaactta acttctaaca gcctactggt tactggaagc cttgctgatn acngaaacag 720
 tcaattatc 729

<210> 2828
 <211> 775
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(775)
 <223> n = A,T,C or G

<400> 2828
 gggtttnttg nnggggggtt tcaacncngg ctcttgttct ttttgcagga cccatcgatt 60
 cgaattcggc acgagcatca gtatgcttat ggatttgatg acaggcatag cctgggcata 120
 tcacctcatt ggtaaagggc tagagccttt cttttttatg gcaacttctt ttttgagata 180
 gggctcttact ctgtcaccct ggctagagta cactggtaca atcacggctc aatgtaggct 240
 taacctcctg ggctcagggt tatgtcacta tgcccggcta ctttttgtat tttttggtag 300
 agacggcttc gccacgttgc ccaggctgca agcgatatgc ctaggetcaa gcgatctgcc 360
 cacctcaact tccggaagtg ctgagattac aggtgtgagc cactgcaccc agcctttgct 420
 ttatttttta ttttttgaga ggtatgattc tttctagaga ttttttctca tggctactat 480
 tagatcagga atgggtgatt ggagattatt agattctagg ttaacttcta ccactttacc 540
 ctaatacata aaactttttc ctaaatnaat gatggaagga atnaannnnn ncnnccnct 600
 nncnctant acaaaancnc tagcccttan aacntttngn nagctnnntt nncctnnntn 660
 tccntnntc nnnccccnc ctnntntnc cnnctnnct cnanccccac nanttnctnt 720
 nttnnctnct naatanattn cncnctnnc tcctcannnn ctnntcnnnn ctcnn 775

<210> 2829
 <211> 725
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(725)
 <223> n = A,T,C or G

<400> 2829
 tcttttatnn gangttngga agcncaggag nctcnntcgt tcggacaaat cacttaagga 60
 gaaagtagaa aaaaagctgt atttttcaaa gaggtattct aatcggcaag acaatgacca 120
 accattacga ccaaccatta tgagaatata gcttagggac gtttgtgctc agctcctctt 180
 ttaccaaatg tcaatgcctg cctcagtgtg ttttcttctg gaggagaggt ttgtggatgc 240

catctttccg	ttacggaaaa	ccantggagg	aatgggcagt	ttnttgccat	gacccaccat	300
catttaaaca	antggngttt	gagttcagaa	ataagctcat	atatacttga	attccatggg	360
ttaaataagc	cattgagtta	aagtggtag	aaattaaagg	tagaaaatag	aagaataggg	420
tgggcttgg	ggcttatgcc	tctaattcca	gcactttggg	aggccaaggt	ggaggatgac	480
ttgaggccag	gagttcaaga	ccancttgg	caatatgggt	aaaatncatc	tttactgaaa	540
ataccaaaaa	nattagatgg	gcatngtggc	ctgtgcctgt	aatcccagct	actacagaag	600
cttgatgccc	cagtattctt	tgaaccttgg	angttgaagt	tgcantgaac	ccaagatgcc	660
cactgnactg	ganctgggca	atgaagtngn	accctgnctc	aaaagaaaaa	aatnttaaac	720
aactn						725

<210> 2830
 <211> 841
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(841)
 <223> n = A,T,C or G

<400> 2830						
ctntngggcc	cntagnnggg	gctttcnata	nggcgggctg	gtngttctnt	ccgnacgatc	60
ccnncgntgt	cgcagngttt	tgagcagagc	aagtgacact	atcagtactt	aagcattaaa	120
agaattgtcc	aatgaatggc	tgtgctgaaa	atataatnga	ggtaaagtaa	gctagaggca	180
ggggatttga	aatcaggcta	agagatgttt	gtggtttgaa	ttaagtggta	gcaggagggtg	240
ttaagaatta	gtcacattgt	gtatgtattt	tgaaggtaga	accaacagga	tttccaggca	300
agatagagt	tgatgtgaaa	aagaaagaaa	ggagtcagta	gtgactcang	agtttgtctg	360
agcatccgaa	gtgtggaatt	tcatcacatc	ctganagggtg	aaagaggctg	tangaggagc	420
aatatgtggg	aaagatcaga	agttcagttt	nggacatgcc	aaatattact	tggccaaatg	480
gttnggggtg	atgatnnggc	gatcntgagt	catccctnat	aaaatcggca	tgcanaatngc	540
ntttaaaaaa	ctccagactg	gntganatcc	caagttgttc	gattgnaann	acngngnnc	600
cntttgnnan	tgctccnccn	tttaaagcca	cttttgggga	aaccnacca	agggacantg	660
naccatnncn	nnattccctt	gggnnaaccc	ccncnaaagt	aaattanacg	cnaggccntc	720
nntccancn	ntcaaaatnc	tttnttctna	cntccancac	nctttttant	caaaaatttn	780
nctctccent	atannccnm	ctnggcnttc	tttncncanc	tttnggnnan	ctntnccncc	840
t						841

<210> 2831
 <211> 803
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(803)
 <223> n = A,T,C or G

<400> 2831						
cnncnntcn	natgggnnnn	tgtanggnct	cctccaatct	cctggctgcn	cctgantcgc	60
ctaaacanaa	aggctggggc	gaattcggca	cgagattaaa	gttgaagcct	ntctaatttt	120
tgaagggtga	gcactttgg	tattcatgg	tttatatgac	gatcatcttt	tatccatcgc	180
tgcagttatc	tattttgact	tgaattggag	gcagagctcc	accacccag	tgtgtcgtct	240
gatttcccag	actanagtcc	agcctttcct	gtgcttgctt	ggcttccctc	catgtngctt	300
cctaccccac	catctatacc	cttcacatcc	aaaatccaaa	acctcacact	catacgagaa	360
tcctgtntag	ggtcggntna	tatttacaca	ctaaaaatct	ctaattttga	atttgttgtg	420
cctataaagg	aataccanga	ataccttaaa	gttataattg	attnattagc	atctatttta	480
ngtcatnctt	gggggantga	tggaaagaat	ccacatagac	tccaganaga	tggnncnang	540
gtttacctgc	ccagccttga	aacatttctt	ctttcctcac	annggatggg	ctctcccata	600
antaanttca	tngggccccc	naagctntaa	agnaaaaant	aaagtgtctt	tctcattttt	660
aaaaaanngc	aacctttgcc	tgttcaaaat	atgtccaatn	cgaanccccg	naaaatgttt	720
aaaaangcnn	tctntgggct	cnaaatggng	gttcaanggt	cnncctgac	ctgncnnttc	780

tgcnenaann cattntccnt cct

803

<210> 2832

<211> 755

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(755)

<223> n = A,T,C or G

<400> 2832

tnngnggggtt	tgngggggctt	tcnaaatgmn	gtcancgctg	gctntcngca	agatcccatc	60
gattcgaaatt	cggcacgaga	gaaagcctta	cgtgtgtgct	gagtgtggga	aggcctttag	120
caacaggtcc	aatttgaata	aacatcagac	aacacacact	ggagacaaac	cctacaagtg	180
tggcatctgt	gggaaaggct	tcgttcagaa	atcagtgttc	agtgttcatc	agagcagcca	240
cgcttgagag	aaacagtgtg	agaaaacccc	cctgagggtt	gggtctgatt	gtacactgtt	300
gcacgcacgc	agcagaaaaa	tatgtatatt	attgtaaata	gaaatgacca	catcagaatg	360
tcacacatgg	ctgttctgga	gagggcctct	gagaaggcac	tgaatgaggc	gagggaccct	420
tcctacattg	tcaccatccc	cagtaaacct	tgggtcatta	ttcatactga	caaggaaccg	480
agtcaatttg	gtgaatagga	aaagccttct	catgaaaact	acaatagaat	actgttacca	540
aattcttcat	angaaagatc	atattatggg	aatgataatc	ctgttactgt	ggattaggtg	600
tagtgccaac	agtttgaatg	gtaagacaac	ataatatata	tgatagtgat	gaaaaanaaa	660
aaaaaaaaac	tcgagcctnt	agaactatag	tgagtcgtat	tcctanatcc	agacttgata	720
ggatccattg	ttnanttngg	caaaccncca	cttga			755

<210> 2833

<211> 883

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(883)

<223> n = A,T,C or G

<400> 2833

nngtggnttt	ngtgggcttt	cnaattccnn	taatcgctng	ctntccgcaa	catcccatcg	60
attcgagcaa	gtcagcaaatt	gtgggagatg	gaaaactggc	ttcctncacc	cacctagggt	120
ctttggctgg	gctacaaatt	aaatggacat	aaaatagatt	aacaggagaa	aaaacacagn	180
aattatgtgt	atatgcctgg	gagtcaccac	aaatatgaga	ctcaaaagaa	gggtccgaag	240
aggggaagctt	atatagcccc	ctgagccaca	gaaaggaata	gggacctggg	gcttctgggt	300
ggtggtggag	acaagttatg	gaagagttag	gggaggaagt	gtagggtgag	taaatgtggt	360
cttggtatgc	ccataaaatc	tcttgggtaca	tcacagntgc	ctggagcanc	cncagtcctg	420
atagagatac	tttactaatg	tagattttct	tgatggatat	cattgtgttt	tacaaaanggg	480
cagctttttna	nagccactcc	tgtgtctgca	attttctcag	nataaccacg	cccccaaata	540
ttgacaaggt	nttagtttgg	ggtgngnaat	atncctggcc	ttccctacca	ngttngcnat	600
ttttnggggg	gttgggtaat	ttgctncccc	gaagnccccc	caaaccaccc	angnaaanaa	660
aggggaaggg	ggccaanntn	nnngggaaaa	tttttaaagg	naaatttttt	ccaggnattn	720
aaaaggccat	ttcctcnaat	tttttgggna	aanggggaanc	caagctnngc	anggggnaang	780
gccttgggaa	cccaannant	nagnaaaaag	gtnnaaacct	ggcattttng	ggaaaaanaa	840
gncaagtttt	tggaaaaaaa	cccnnttgta	ncaanngttt	tnt		883

<210> 2834

<211> 1090

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1090)
 <223> n = A,T,C or G

<400> 2834
 tgggtnttng gggggnnnttt ngntcgancg ctntnngcct ngtcengnecg cngganccca 60
 tcgattcgga aatatacttc cttaaatgat ggnccattcct aaatccatct aggaatgttg 120
 gatgtatcta tctatctatn tatctatcta tctactgnat taagcccnt ctcaaatng 180
 tagggtcaga agtatggacn gataattcat aatcaagttc ttnttcttta tgcccagaag 240
 tctgnatnct gcncagactt gcntaccct agctgcgcta aagntcanaa gntttgagcn 300
 gccactgaag tattgactgt ggagaggcgg tgtatncttg ttaccaatga ngngcctttc 360
 tgtccaggat naggcttatc ggnanttnen cnaggaagtt gcatngcntt cagtccattt 420
 nnggcttana gccncnecgc nncncacgtg ttccttattt gttttgacgg agnggtcntc 480
 nngctcnatn tctttacnct gattctgctn ttctatcnan gtgnnccttc ctcanntta 540
 tttagtccaa aggnngaata cngggttann ctatnnnggc nannatcttn ntnttctngn 600
 aatccncttg ggncttaata cctttgtctt caccnancct ttttaacccc tcttactctc 660
 tccnttaana atanaccten ttntatctcc ncttnnnacn ttataanttt ngnatgggn 720
 cnanngggga attttncana ctagtccctn tgatnntctc tccgtcctta ntctntntt 780
 atncacannt acncgtagnn tnnnaanaca acctctcng ggnngngccc cttctttnan 840
 aganaaccct ntatntnagt tnggaangng nccccgctat ntttatcccg gttangnnaa 900
 tccccccang gcacctcttg ggaatttaan gggatncccc caatttnngn gatctggaaa 960
 gtnttttngg ggggcaccct aanaacnna cacnaannct tntgggaaaa ttggcccaann 1020
 tgnnaaaaaa aaaaaanan gggccctcnt naaattttng gnnnggaaaa nttttnggnn 1080
 gtanctcct 1090

<210> 2835
 <211> 807
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(807)
 <223> n = A,T,C or G

<400> 2835
 tgggttnntn nanttcgctn actnaanac gntccantnn ctctgtntac gcnaagcaan 60
 cnggcngnec taattcgga cgcagatttc agcctgggca acatagttag actcntgttn 120
 ntaaaaaaaa aaaatccac aatcctatca cacagagatg gcaacactta gcatttggtc 180
 tgggtcacctt tggaaggaaac ttttanatca atgtcttgct tctctgtggg ttcttttgtg 240
 actcacacct gcttctgggt atagtatgac tataaagttg atttcttggg taaggcatga 300
 tctatgagag gaagctnnta atngatgan catcanggta atnntagctg ggataccttt 360
 tctttgcctt ctccaatcaa acntgagaag ttgaaaatnn aaaattatgc ttttgaaggc 420
 nttgntgtna acctaaaata taactcaagt gatctgtagt tntccatag tgcaactgtca 480
 acagctatatt gcttttcaaa tccaaactan tttcatnaaa gaaaaccant ttggagtgtg 540
 ttcagcttat aattngnaag ctagacatga aagnnttnaa aagcctntnt agcctagacn 600
 acntggcccn catntttng tnanntcntg cntnttggga acttgnnacn tgctaacccc 660
 antaccnccc atcntgcnc ctcctnttaa antgcnttt gaaagngggc aaaacngnan 720
 tagnaccnnn tancctntca aaagggtggn nngttncttg caaatggaa gcccnngcct 780
 ttttaanggn cggncttttc ctttncc 807

<210> 2836
 <211> 752
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(752)
 <223> n = A,T,C or G

<400> 2836

gnnnnnnnan	gggggggttc	antctnnctg	cagccgtttt	cgttcttttn	gcagatccca	60
tcgattcgaa	ttcggcacga	gaccaaagct	gctggagcct	gaggcagaga	accagaggcc	120
ggaggcagac	tgctcttta	cagccaggaa	tctcagagga	tttgaaaaag	gtgaaggaca	180
ggatgggcat	tgacagtagt	gataaagtgg	acttcttcat	cctcctggac	aacgtggctg	240
ccgagcaggc	acacaacctc	ccaagctgcc	ccatgctgaa	gagatttgca	cggatgatcg	300
aacagagagc	tgtggacaca	tccttgta	tactgnccaa	ggaagacagg	gaaagtcttc	360
agatggcant	aggcccatc	ctccacatcc	tanagagcaa	cctgctgaaa	gccatggact	420
ctgccactgn	ccccgacaag	atcagaaagc	tgtatctcta	tgcggctcat	gatgtgacct	480
tcataccgct	cttaatgacc	ctggggattt	ttgaccacaa	atggccaccg	tttgctgttg	540
acctgaccat	ggaactttac	cagcacctgg	aatctangga	gtggtttgtg	caactctatt	600
accacnggaa	ggagcangtg	cccagaggtt	gccctgatgg	gctcttgccn	ctggacatgt	660
tcttgaatgc	catgtcagtt	tataccttaa	gccagaaaa	ataccctgca	ctctgctttc	720
aaactcaggt	ganngaaatt	ggaaaaatnaa	na			752

<210> 2837
 <211> 745
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(745)
 <223> n = A,T,C or G

<400> 2837						
cnaatcgn	cgaaattcggc	acgagcctga	acctgcccat	ggagacagtt	gtnttgaggg	60
ttgccacaca	cagttagggc	ggagcagggt	ggctgagggc	acaggtgcct	gggtctgtcc	120
cacggggcan	ggctttgggg	ctgtgatgct	ctgggaagcc	agcttgggtc	ctgggtctac	180
agagggccct	ggccccggag	cccagccagc	tctgcctctc	tcagggcctg	gagtcctggg	240
ggagctcagc	cagctctgcc	tttctcaggg	cctggagtcc	tggatgaatc	ctgcaggttt	300
ttgggttgca	ccggcccagg	gaggaagccn	ngggtttgtc	angtgggctc	tcctggaggt	360
cctcnagtgg	canggggtgac	gaggggatta	tntgangcat	ctgganagt	atatcctgtg	420
gnntnccctg	ccccctctgnt	tccgatgaag	tgtaccgatg	aatgaccttg	actaaaaant	480
naagtttgcca	cananaaaaa	angggaggnt	tantgggntt	cnaaaatcaa	gnaatggtn	540
caacctnngc	cttcgcagaa	tggaaantac	naaanacggg	gnaagatcct	catgnccatt	600
tcccatggnn	ttggncaggn	ttttggaggn	attctnnggn	cccggcaaag	gccccatttn	660
aaanttnatc	tagncnggna	ccnggnctat	tncngnctaa	gggnnttgcn	cttntccttn	720
aacncatnga	atcccttaaa	tnant				745

<210> 2838
 <211> 719
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(719)
 <223> n = A,T,C or G

<400> 2838						
gtngnggnag	ngatcgtgan	ccctctncc	ttngnccagg	cancctatcg	attcgcaaag	60
atctaagtag	tcacaggatg	ggggangttt	ttgggaaagg	tcnggattag	cagagttg	120
gcagaaagaa	gtagagggga	atatcttana	aggcacttgg	acagaatggg	ggtgatataa	180
aagatgtatg	ctgacattnt	ggttttggcn	cctagaaaat	ntagcanaaa	gngagaatnn	240
gtgccataca	tcngntctg	caccctaata	tggaaanttg	ncnttccaca	cnagnnttcc	300
tncacaatta	acctntaagg	catttnatgc	cnntgcctcc	acancnngga	anagtacgac	360
aaacntccta	nangactaga	naaaatngcc	cnnttcagan	acattancag	tacgtgtggn	420
tagaactaaa	atggctcnca	ggctcatact	ggnagtgan	aggnatgcag	anaaaaanga	480
aaacccccan	gtgtcantga	ctgtgaacag	gcctantnca	gangcnctta	ttngngaant	540
gcccttaaga	nattgcccc	anganncacc	tgannacccc	ccggaattgc	cggaaaagaa	600
tacngatgag	gagctnacgc	ttatgngaag	atgnatnaac	cctatgttca	gtgtaaaccg	660

ggntacaatn cnccaaanag cgnanctcaa gaacnagcct tccccnnagg cnatcccaa

719

<210> 2839
<211> 786
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(786)
<223> n = A,T,C or G

<400> 2839
cngaangntg tgatgnatgt agncgttccc naggaancca ngcgattcgg nttggcgaat 60
tcggcacgag cccagggtgc tatccacttg ctagnatttn ntcagagag ttagatacca 120
gttttctgct ggaaatacag aacatttcct gaaaccgtgt gggtgagtg aaacaggcat 180
tttgagctct tatattttga gtaaggccaa acctgcctag tggtataaaa ctagacaaaa 240
aaccaggta cccggtcttg caggatagaa atgtgtgact aaaatgaagc atcgatctga 300
gaagactaca aattagcggg aacctttgga caggagcatg ctatacatta cttagattaa 360
tggtgatatt taaggagcca ngatnttgat nngtntttga ggggtgcca tntacttcat 420
ataagaggct ataaactgna cttctttcag ttantgctta atccnagctc aaacaagaaa 480
taattgctta ttccaaagta gacattggna catcttttct taggnacgta atctgngatg 540
aagtctgata aagctcctta agaaattctt atagtacacc ctcacaagan tgtattcatc 600
taccggtggt ttaaaccnga aaattaaaaa ttntaaccct cgnnggagaa aatttaccaa 660
agtntttaat gggtttcagg ncccttaatt aaaaaaactt ttaaccctt ggccttgga 720
ccctttaaac cttaattnat nggatctnaa aaacaaatgg gntttnttgn nngaaaagtc 780
nnanct 786

<210> 2840
<211> 739
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(739)
<223> n = A,T,C or G

<400> 2840
tttttgntg tgtggtcgcc ctncctann ntgcaggatc ccatcgattc gctggaaggt 60
tactgcaaag acagcctggt gaaattgttn tnagtacaga ggctttaatg ggttctttga 120
ggtcaggtag aggttatggg gggagcacta cagtgaagcat ataccacaaa tgaagccaga 180
cttccaaggt acgttctcac tggagagggg gcttaatggt aaagtttaaa ctttaagggg 240
ttaaggtttta gattaaggcc caggagatcc aagggggaang aggagggtag gaaatcanan 300
ataagaggag ctgttgtcat cgcagggtata gtnataatta anatagtta aactttcata 360
ggattttgca tttatttcat cagntttttt ttctagattc ttaaactctg atatatctaa 420
atcttataaa tttggggaaa tgtacacatt tacatggtac atttcactca attttanagn 480
ntggctnttc ttgtgaaata gaattaaata tatgtgagta aatcaagacc cctaaccatc 540
attaatgtat tatttggtta tttctggcca aggcccttct tgattctttn aaagtgtgct 600
aagcccatct tcttcattac atccctctta tttttgtgg ccaaattnac taaaatntan 660
gtatcttttg gtggantttc anatttttga aacctacctt gttttgaaaa tncatctttt 720
aaaaacctnt tttccaaaa 739

<210> 2841
<211> 767
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(767)

<223> n = A,T,C or G

<400> 2841

agntttttnaa	tcctttggcc	antcgcncctt	tntgcangat	cccatcgatt	cgaattcggc	60
acgagaaaaa	gtnaagcttt	tcattgagcac	anntnccttg	cattgttnga	tggtactgat	120
attcgtaaaa	tgaatatttt	ctgttttggt	ctgttnnatt	tttttgagac	aagtcttgct	180
ttgttgccca	ggctggagtg	caatggcatg	atcttggtc	actgnaacc	ctgccttgcg	240
agttcaagtg	attcttctgc	ctnagnctcc	tgagtagctg	ggattacagg	cgctcaccac	300
cacacccagc	taatttctgt	cttttnagtn	gacacaggg	tttaccatgn	tggccaggct	360
ggtctcaaac	tnctgacctg	aaactnctca	caccngtnat	ctcagcactt	tgggaggctg	420
angtggaag	gatcacttga	agccatgagt	ttgagaccag	cctgngcnac	acagcngaga	480
ccccngtgnt	gtacaaaagc	ttncnacatt	tanctggctg	aggagtnnct	caccntaac	540
ttccancnan	tcnnttaagc	nnanncatnt	tgaacacntg	agcccannta	nggtcgatgc	600
tnntagtnaa	ccgtgactgg	accacttaca	gtccaaagccc	gggtngcctt	ataaaaagan	660
cggaaaacat	ttcnttaatt	cgggttnnag	cnttanctat	ttcggaatnc	cttgngtttt	720
naaaaacttg	aatctccaan	aaacagggtt	ttttcttttg	gnccann		767

<210> 2842

<211> 873

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(873)

<223> n = A,T,C or G

<400> 2842

cgtagcgaac	tgancgggaa	atccctcnct	gcaagcagcc	cangcgacgc	gaattcggca	60
cgagacctaa	tttttgagaa	cagcaagccc	tnnttgacca	ctctcttcag	cctgtgtgtt	120
ccggctgttt	tgaagtaatc	aaatgctgtg	catggtattt	tacctgagct	gcaacctgnt	180
atggacntga	acntcnggat	aagntgaaag	caagagctcc	tgagtataaa	ggaaaaacag	240
canaacaaaa	agcaaacnag	ggncacccgc	gaaagnctaa	aaagnccan	tggtgangcc	300
cnntaaaana	anctagcttn	cagctgtcag	gagctaatac	tctctgnagg	aattgganat	360
gggatnaggg	cgaacaanan	aggggtgtaa	cngtggagct	ggcatgagta	ctgcangcaa	420
cctgaagaga	cttttaacnt	antnaccaca	gctattnatn	atgcggtnng	caacaaacca	480
gcaacnaten	acaagcgtca	taaagaagtt	cagactntga	acaattggng	aaaggtngat	540
tncagaaccc	gnctgcaaaa	aagccatcan	ncaccataan	taaaaaagaa	ccncangaac	600
anggggaaac	ccngtgggaa	naaagggaag	anaanntngc	cacctcangt	tnaaccatta	660
aaaaccctng	gaaaanntgg	ccannagggg	aaccccttaa	aangcaaaag	nnccnnggcn	720
aaaaaaancc	ccgggggaatt	taancccaan	gggncccaaa	ggntnanntg	gggccnnaan	780
nggggnaaaa	aaangggggc	nnggaaaccc	ccagggnnaa	ntncnaaagg	ggaaaaagna	840
aaaannangg	ggggnccnnn	naaaaaaaa	ann			873

<210> 2843

<211> 777

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(777)

<223> n = A,T,C or G

<400> 2843

tgggttttng	gnttngggct	ttcttnanat	gntgtaancg	ctgctngccn	cancannntg	60
gctggngcga	ttcggcacga	gaaatggggg	gtgttcttca	tagtggattt	ctttttttta	120
acataccatc	tttgtgtata	tacatttctc	tggaaatggt	tgtgaaaagg	taaagataac	180
ttccttagtg	taattgtgtt	gaagtggaat	gtttctagtg	tttgtgaaga	tatcaattgc	240
tggctgatat	tttaagctgg	atgaaaaatg	tgggtgaagt	aatcttaaa	ggatgatgat	300
ttgatgatg	aaatttaaag	taatgtgctc	agtgcgtagt	ggtgataaaa	gaatgtagcc	360

tacttgtttt	ccatagacta	tatttcatca	ttgttgcata	aagtcccttt	tgccaattt	420
agtgaatgct	gctgggtctt	caggaaagaa	aatcgtttgt	ctttaaccag	agaaataatt	480
gtggggatag	aaagtagtct	ttttcttgat	gataaaaatt	cattttanct	ttttaaatta	540
cagtggtaat	agcttgtagt	aatagnggta	atatccttgg	tttttggtta	atgattttta	600
ntgtgctccc	ncttaatntt	ntnncgaatt	attnntannng	tgaccaaacc	cntntatnnn	660
acntngcctt	naacaaatcc	ncncttnant	nctctncncc	nnaaanncn	nncanctccc	720
ncctnccncc	ccnntcncc	tnacncaccc	cccnccncc	tctcnctccn	ccccccc	777

<210> 2844

<211> 892

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(892)

<223> n = A,T,C or G

<400> 2844

tntaggcct	tnnnnannng	ggtntttctt	ntccantann	ccgtgtggtc	tcgttctttc	60
tcnnannanc	nanncttgct	gctgggtctca	ggcaatncac	ctgccttggc	ctccaaagt	120
ccgggattgc	aggcataagc	cactgtaccc	ggccccact	aatttttgta	ttttttgtag	180
agatggggtt	tcaccatgct	ggtcaggctt	gtcttgaact	cctgagctga	agcaatccac	240
ccgccttacc	ctcccaaagg	tgctcagatt	acaggcttga	ggcactgtgc	ctggccatgg	300
gtgccatnta	tctaaagagt	gatgaacttg	gtgttaaacc	agtaattgaa	atcaccaaaa	360
ttcctaccat	catgagctca	gtctanntgg	angagacaga	tgaaccaatt	angcanntct	420
gntgaatttt	ggggttcanc	agtgccana	ggtggggtgt	agtgaagagg	aatgccanaa	480
ttttggagag	gtggagcaca	cgacccacgg	gtactttctg	aggatgtaac	ncanaagtcg	540
tgatcagaaa	gganganagg	ganacanntg	gggaaantnn	ctgggaaana	ncngtcnatt	600
ccaggcagtc	agcttgctnn	ancncttgg	gccttncttt	nanaacnccc	tttgcccttg	660
gaatnccttg	aacccnaagt	tttcaacttn	aaaagaaatt	cctttggggn	anngaaannc	720
ntatatcacn	ctnntatnac	aaaaaaacnt	tcnnaaance	ncttttttan	aaaacctttt	780
ttccctngnn	agggtcccna	atttttaacc	ntangnaatt	cccctaacc	tttgntattt	840
aagnattncc	catttnggna	tcaanntttc	tgnggaacn	aantcccccc	ct	892

<210> 2845

<211> 768

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(768)

<223> n = A,T,C or G

<400> 2845

gnnnnnnnnn	ntgncnnnnn	nggggggntt	tnntttttcc	aaanggcgtg	gaactcgttc	60
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gtcttctgaa	ggaaagtcca	gcattttttc	tcagatatga	taataatata	tgctaagatc	180
ttggccaggc	acggtggctc	acacctgtaa	tcccagcact	ttgggaagcc	aagggtggcg	240
gatcacttga	ggtcaagagt	ttgctgcctt	caaataatc	attacttctt	agcacctctt	300
gaaatagaaa	ataaaaaatt	tgccaggcg	gtggccaggc	gcagtggctc	atgcctgtaa	360
tctcagcact	ttgggaggct	gaggtgggaa	gatctcttga	gcccaggagt	ttgagaccag	420
actgggcaac	acaggagac	ctcatctcta	caaaaaagaa	aaaaaaaaat	taattagcca	480
ggtgtggccc	catttgtaca	aaaaaaaaatt	ttttttaatt	agctgggcat	ggtcatgtac	540
acatgtggtc	ccagctacta	gggaggctaa	ggtgggagga	acgcttganc	ctgggatgtc	600
aaggctgcgg	tgaggtgtga	ttgcaccact	gcactccagc	ccagcaacag	agaaagaccc	660
tgtctcaaaa	aggaaaaann	annnaaaaaa	actcgagcct	ctagaacttt	agtgagtcgn	720
attacgtana	tccagacatg	atangatcat	tgatgagttt	tggaacanc		768

<210> 2846

<211> 905
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(905)
 <223> n = A,T,C or G

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<400> 2846
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gnagnagcnn ngcgnttcgc tcaccaagga acacaaataa acagttgatg aatccatcac      120
atcagtgatg aatccagaat gtgtccatca ttttcgtaag tcttagtatg cagagaatct      180
cagatagcaa agcagaaaag atgatgtcac agacgccttg ggtaccagc acctggatgc      240
agctgtttgt acacacatac tttctgatat tatgttgaca gtgacttaca ccacttcaac      300
ctcaggcagg attctatcag tttctttact acagattgat ttgtttcttt aataatnatt      360
gtaattactg tcagtataaa tctgagtcgt actcagcaat tagttgctgg taactgagtg      420
tggtgtaatg ctggggaaaag gatataaaac tngtattttg aacagaaaag cncacatgtg      480
ggtgagcagt gtttaccacc acagaatttc cgtcttcaca naatnganat anctgcacat      540
gaangtatag tnagcantgn angttntttt nnanaaagta aaagttaa ataccntnat      600
aagcctnctg gatttncng nnttngttc tgnatttctc cctntgccnc cttcaaattn      660
naantttana nggtntnctt nttctnctca atatctctcc ccnacanntn tngttnttgc      720
nctgannccn natctcttcc ntcnnccng atggtgtatg ncnnggcna ttncttcnac      780
ccattnttat cttatctntc nnatctttn atntctntnt ncctcatngg naacnnttac      840
acnttnnang nttntngggc catntctnt gttcatntgt ggggntctna gnatcttttt      900
ctaan
905

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<210> 2847
 <211> 774
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(774)
 <223> n = A,T,C or G

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<400> 2847
tggntttttna ggngtgggnt tcttttttac taatggctgg gctacttgtt cttttngcag      60
gcatcccatc gnttcgatct gaaccacatg aagttgagta aaaaaagcaa tttgcagaag      120
gatacataca aaatgacacc atttatatag tagactgaaa gcatgcagaa caatccattg      180
ttgtttacgt gtgtaacagt cataggaatg acaaccactg ccttcagaat tatggcgacc      240
tctgcatggg aagagaatgg gatcagagaa ggatacacaa taggcttta ctgattttgt      300
gattattgat attagaaatg tttaaaatta agatattaac atttcatgaa gctgagtggt      360
gagcacacca gtgttatatt ctctctatat aactttgtgt atatttgaaa tgttttctca      420
taaaaagtat ttaagcaagt ttaggaaaga atattgataa atgaaattgg tagagaacca      480
tgaaattaca tagatgcaga tgcagaaagc agccttttga agtttatata atgttttcac      540
ccttcataac agctaacgta tcactttttc ttatttttga tttataataa gatagggtgn      600
gtttataaaa tcaaactgtg gcatacatc ttctatacaa acttgaaatt aaactgagtt      660
tttacatttc ctcttttnana aaanannntn ttacctntnt nnnnannnnt ntcnnccccc      720
tncnntntcc nctntcnctn cnnttctnnn annanatect tncctcncct tnnn          774

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<210> 2848
 <211> 806
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(806)
 <223> n = A,T,C or G

<400> 2848
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cgaannagct nggcgggtgg cgatttattt gccctatttc ctccatgtac ggagacatta 120
cntttntgac ccagtcagat ttttttcatg ctatctttta gtcagattta atttaattgtg 180
tatttctagt ttattgcttc tgccatgttt tattctttat gaagatcccc gagtattgag 240
tgtgccagtt accagattct ctcccagctc taaattacct cttcattact tgatctgcaa 300
tattggagcc taaccttta ggccaggggt gtccaatgtc ttggcttccc tgggccacat 360
tgaaagaatt gncttgggcc aatgtggact ctatatggta taaaggagta tgtaaaactgt 420
ggagagaagt anggctattt tctacagcag tggcttcaa attttnnaat ngggtacctt 480
accagaaaac atttgaatan aaaacctcaa tatnagtatg tcctaattat aaatcatatg 540
tataaatata tatactatnt cggcttata agngntttca agtctgctta tgatgtaatt 600
atatgttnca gaacaatttn aatatactct ttttcnngt cnccttcaan cgggtcaatcc 660
cnttgnacng gnnaccnact tnccttcata nnnnctnnct taaccagtga aagntnnang 720
nctnnnnaaa aacctctttc ccnaanataa ncntngccct ccenttccca ttncantcgg 780
cnaaacnna cnnnattgnc cccnnc 806

<210> 2849

<211> 758

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(758)

<223> n = A,T,C or G

<400> 2849
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gcancccatc gattcgaatt cggcacgaga taacgcccgt ggtgccccat ccctatagga 120
gctgggtgaga ttgcagcctg ctgcctcccc tccatcagcc acagctattg gatttcccac 180
ccagaatcct taggtaaagt agatcatgat tctggaagga ggtgggtgtaa tgaatctcaa 240
ccccggcaac aacctccttc accagccgcc agcctggaca gacagctact ccacgtgcaa 300
tgtttccagt ggggtttttg gaggccagt gcatgaaatt catcctcagt actggaccaa 360
gtaccagtg tgggagtggc tccagcacct cctggacacc aaccagctgg atgccaattg 420
tatccctttc caagagtctg acatcaacgg cgagcacctc tgcagcatga gtttgcagga 480
gttcacccgg gcggnaggga cggcgngca gctcctctac agcaacttgc agcatctgaa 540
gtggaacggc cagtgcagta gtgacctgt ccagtcaca cacaatgtca ttgtcaagac 600
tgaanaaact gagccttnca tcatgaacac ctggaagac tagaactatt tatatgacac 660
caactatggt agcacantag canagtnacc nnatttgnnn aaggagcatg acnccctnct 720
gatttcnaaa tcangtgatg naagcntgng aagtgann 758

<210> 2850

<211> 829

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(829)

<223> n = A,T,C or G

<400> 2850
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cgcatnccan cnnctcgaat tcggcacgan caaanacaag ccttnatgga aaaggaaatn 120
cnctcccctc catgtatatg gatganggga gcagcacaag ncacactccc accatcctca 180
cnaaattcct ggacccatgc ggtgggtccg tgagctgggt gactccagcc tnacctgcac 240
acccaaccc tgcncggggc cnttcttctt accancatgc cctcggttag ctaggaaatn 300
agatccctgc ntgtgaanna nggaactnat gtgcacagaa tcncaggnn tgccatatcc 360
ttnggcatga tttagatnaa gtcgccttgn ntncagantg accccgnggc tctncagnga 420
gttntcaagc cccangaaat cggccttgga tgctctctt acaagacagn ntnacnctg 480

ggccctcgtg	catnnncttc	actgnccccc	tggatecccn	cattaccccc	aaangacagn	540
gggnaaacac	anngnnnan	cacancnttg	ccccctccag	cncnnttcac	nggcanccttc	600
ttnnattcac	cccgnttccc	ncnnnacct	nntcccccca	anccnnnaca	ancntnntcc	660
ccaactacan	gccccctttt	ccttggngn	aaaatgctcc	nttggtancc	cagttataan	720
aangccntnc	ngccccctc	ancntgattc	tcccgcattc	ncanaccct	anncccaann	780
attnaannac	cccaatcccc	cnnanaaacc	ctcctttcca	ncttnnnct		829

<210> 2851

<211> 847

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(847)

<223> n = A,T,C or G

<400> 2851

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ancntnncgn	tgtcgaattc	ggcacgaggg	gtgacttcct	gtgacctcca	aaggaagtct	120
cagctctgct	agaatgggac	caaagcccag	ctccaccttg	aacttgngtc	atagccttgc	180
ttcttgttcc	ctctncttan	ccgggcanat	gccttgtcct	ttgataaagg	cttntgttca	240
ccttctgagg	gctcttgc	tttttgcagg	tgatgccat	tacctttacc	gctgagcctn	300
ccgcaattgc	tntgttcaca	cgctgtccgc	catctgcctg	caagggccca	ngcagggtnt	360
tactcatcat	tatgtcattg	nttnaataga	agcctaatat	nttgatcata	gtagttagga	420
agcccagaaa	attgggtatg	ttctatagat	ttaccacat	tgcttattgc	tgtntcctt	480
taataaagnt	taacgaaagt	naancaaacc	acantacccc	ccaaagacag	nnnnnggaaa	540
cacactngng	gaaagcccc	ncatggcccn	ccttcnanc	cccttttang	gnactcttng	600
nnatcaaccc	gggntaccg	tcnccactt	gntgcccna	cccactccag	nnntnttnc	660
aaannacaac	cnttntntc	ccntggggga	aaaatgmn	nttggggtn	cncngntnc	720
aaaaaggccn	naatgggtnn	tcttaacctt	ntttnncna	tacnantecc	cacnacnttn	780
accccaaata	antcannca	cntcctaanc	ncannnncn	aaagcccttt	ctncanctac	840
ttntnct						847

<210> 2852

<211> 765

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(765)

<223> n = A,T,C or G

<400> 2852

cngttnncna	aacngtctgn	ggaaaagccc	cctttntgca	ngatcccatg	cgattcggcc	60
tcactcctcca	ctgagcaggt	gccatcccag	gagatgcttt	tggtggcgag	accttcccct	120
cctgtgcagt	ctgtgtcccc	tgctgtgccc	acacctccct	cgatgtctgc	tgccctgcct	180
ttccctgcag	gtggtatggg	aggtggcatg	ttctaactcc	tagactagtg	ctttaccttt	240
attaatgaac	tgtgacagga	agcccaaggc	agtgttcctc	accaataact	ncagagaagt	300
cagttggaga	aaatgaagaa	aaaggctggc	tgaaaatcac	tataaccatc	agttactggg	360
ttcagttgac	aaaatatata	atggattact	gntgtcantg	tncatgccta	cagatnattc	420
attngtatt	tntgaataaa	aaacatttgt	acattcctga	tactgggtac	aagagccatg	480
taccagtgtg	ctgctttcaa	cttaaatcac	tgaggcattt	ttactactat	tctgctaaaa	540
tcangatttt	agtgttggcc	accaccagat	gagaagttaa	gcagcctttc	tgtggagagt	600
gagaataatt	gtgtacaaag	caagaagaaa	gtatnccatt	tatgtgacaa	cctttntggg	660
aataaaaaat	ttggttttaa	agttaaanaa	anaaacaaaa	aaaaaaaact	tcnanccttn	720
ttanaacctt	taggggaggn	ccgnaattac	cgtagnancc	caaat		765

<210> 2853

<211> 765

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(765)
<223> n = A,T,C or G

<400> 2853
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annangcggn tcgaattcgg cagcagcgtc tacatccagg cctccgagtg acggacctga 120
ggtgtctggt tcctgggcag gcctgatgct cctgtttggg tccagggccc ctgggggcag 180
accggtgatc cttaccagtg gaagcgagcc atcgagccat tggcagaaat cctgctgaat 240
gtcattcaga aacctcagcc catggtcgcc ctctctgtgc cctctcctgc cggaaagccc 300
tgcaacattc taggggtggg ggcagggcca tccacggttt ctgggcagag ccatggtggc 360
aggagagaga tggctgaagc ctgagcagcc cagagtcccg ctggtctagg ctggtggtcg 420
gggcccctgg gagaggagac agggcattcc tccccactct gtctncaggc tgcctctggg 480
tagcctctag tctgctgttc ttcaggaggc ctgccataaa ctcttcggag tttacgtgtt 540
gcaccttttc acagacgggt cccacagca tcctcagaca gctctgtgat gtagctttta 600
ggaggcactc aggtgtcacg gctagactgc agctatgaga cagatctggc ttcaaatcca 660
anagttgcc a tgcacttgct gtgtgacctt gggcaagtca ctacactttt tcttgagccc 720
ccgtgttcct tcatctgtac aatgggggct tacgatactt actan 765

<210> 2854
<211> 785
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(785)
<223> n = A,T,C or G

<400> 2854
cnnntcnnng tggtgggnntt ttgtgggggtc ttctctttct taatnggtct gtgatncnec 60
tnctcaccta acacaacnng gctgnngcga attcggcacg agaggatggt gctgctgtgg 120
gccgcaaggg tcttggtagc ttctcttagg gcaggcttgt gttcctgatt ggggttggga 180
tggtgtgggg catccctgt ggccctcagca atccagccct gcncatctgg gtcccattac 240
acagacgtag acattgaggt ctanttngaa ngacttgccn ngagtcctgt aatagagctt 300
ggcacttggg tctcttgact ctccangact ggggtgtgagg gaantgggct ccttttgctc 360
cctacctgca gtgcctttga ggggatgagg gtcttccatc atagttcnga anatgacctg 420
cacattttac tgccttanaa atctgctcgt tggggccagg tgtggtggct cagcctgta 480
atcccagcac tttgggaggc cgnngtgggc acntcaccag gtcangagac ngmnaccatn 540
ccggcttacn gggtgaaacc ccatctctct aaaaatacaa caaaaattan cctgccatgg 600
ngnngggtgc ctgcactccc actnctccng aangetnang cccgnannaa tngcntgaac 660
ccnngaggcg gnnctctgca ntnaccccat aannncgccc ccngnactcc anccctnnga 720
ncacanaaan agacttcnc ctnnnaanaa nacancta at ccnaacncc anccctctna 780
ancnt 785

<210> 2855
<211> 787
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(787)
<223> n = A,T,C or G

<400> 2855
nncnnntntn tnatggnnnn gnctngnggg gnnctttctt ttcttaa atg ntgtggntnc 60

tcgnncttnc	tcnnannagc	ntggcggnng	cgctttggga	tcttttagatg	aatggtatca	120
tacagatgtg	tattattgct	aattctttgt	tctcaatcac	ttgttttcaa	ggacactaaa	180
atccatgtag	cccctaaaaa	agataaataa	gggcaagtca	cttttcttcc	tccagtcaca	240
gactaaagaa	attatttcag	ataatatata	gcccttcagc	catgggagca	ggaagtgttt	300
actgctcaag	tcaggggtctc	agtttgtaaa	ataaacggaa	acttctggtt	tagttttngg	360
gccttctttc	aaataaaaaac	ttcattttct	ctgggcaa	acattgattt	aattttgtat	420
tattggtaaa	atattcatca	agtcacggtc	agnctttaca	gagtaccaa	acataacttt	480
gccgattttt	tctgtttaag	ggccagctag	gttngttnaa	aaagaaaanc	ttnnagccac	540
caaaaagcct	atggcatttc	tttctcttat	gatctttaaa	actggttcaa	gctcatcctg	600
tttgnagagt	atttaggtgt	gtccctcttt	gaaaatgggc	ccccataaca	ctttttta	660
nggataaaag	nngagaacat	ggagtcanaa	tggagcaaaa	ntctgaatat	ttcacatggn	720
ctaaaccctt	tntttaaatc	aanggnnaan	nanaacaaag	ttgcnaaaaa	agcccaaaac	780
atnattt						787

<210> 2856
 <211> 765
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(765)
 <223> n = A,T,C or G

<400> 2856						
tgtgntncgg	tanggggggtc	ttctttccag	gtgctggnta	tcgtcctntc	cnnanagccn	60
ggcngntcgg	tctcgctttg	tgacgtagcc	tggtcttgag	cgatcctttt	gccttggcct	120
tgccaaagtg	ctgggattgg	aggcatgagc	cactgcaccc	acccctgttt	tttatttaag	180
taaaccatta	taataactca	tttataaaaa	ggttacttca	agagggcttt	caacttaaga	240
attattttca	ttttgaacat	gaaaagttaa	atagtaacta	agaaactgag	aactctgaca	300
gtgacctcta	ataggtaact	ttaggcaaaa	gtagacaagt	ttgtgggtat	tttgntgttc	360
atgttaaaag	gcacctgtac	agaatcaan	atatgaatct	agntcgtana	gggaaggtct	420
tatgcaaata	ccaaatcata	caagtgggta	cacatataat	agatcatttg	gtccantaaa	480
agtgggttca	gcttgtttat	tccctacttt	tgntactnta	aaaacaatga	ttttttgcat	540
gtaatagaan	gctttcactt	aagatgctnt	tgagtgaatc	agtgaagggg	tcttanagtt	600
agtattcatt	aattnaacnt	anaatattan	ctaaacagtt	ttgggtcact	gcaatgcatg	660
gtctatngaa	anaactanatg	tttcgntcga	aatatgcttc	aantgttgcn	actatncana	720
anggcctttt	atgttntnna	atttnaaacn	tgccanttnn	attnt		765

<210> 2857
 <211> 794
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(794)
 <223> n = A,T,C or G

<400> 2857						
nagntttttt	tgggggggnc	tttctttngg	tngcgctggn	ctacttggtc	ttttngcagn	60
agcccatcgt	attcgaattc	ggcacgagat	tcaagatgag	atttggtggg	ggacacagcc	120
aaacctatc	ggttgccaac	atttacagta	acagtgttag	gtgaacagtt	gtccagtctc	180
ctgtttttgtc	ggacactggt	tctagcacct	tccaggcaga	atctcatgta	tccttcactt	240
tcgaaatggg	tactattttca	tccccacttt	tatcaatgag	aaactaaagc	tcgaagaggt	300
caagtaagtt	cctggccaag	gtcagctagc	aggctctaga	ggcctcggtc	tccttagagg	360
cagccttgcc	agggccang	cttggcaggc	tgcanggan	gtgcgggcat	gccccatgta	420
gaggtgggac	cattgaggct	cagagagggg	aagtgatgag	ccctggcgac	acagcggggg	480
gggtccagag	tccggcctgc	atcttctgga	gctggccagt	ggacaggcct	ttcccgttca	540
cagccccggg	gctgctgtgc	ccaccaaggc	ggatgtgcct	accgaatcnc	actcctctgn	600
gtgtgtccct	tttcaggccc	ctacatcatt	cganggaatg	gcnnccccc	acgacttccc	660

ttncnaccan tccacnttt nnttacannc ntacttccan nccccagnnc tcttgtaaaa	720
gncccanncn ancttcccta nccctggant ttttaccenc nttnnctcat ccacccctct	780
tttctcccc cent	794

<210> 2858
 <211> 830
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(830)
 <223> n = A,T,C or G

<400> 2858	
tgggnttttag gcgcgcgttt cnnnnnnngnn nngctggcgg acttgctcctt aatcnnaana	60
gcccntgcgn ngtcgaattc ggcccagca agcagaaatg tgggtggtgt gactggggtt	120
tgggtanggg ctgctgnngc tggaatggag ggctgccaca ttaatggaaa tggnaaatga	180
ggcacgtaag gttngactgg aggcatacgc cccatgttgc cngctttatt aaatcactct	240
tgcantatnc ananctangg cctgatgna nnagtactg tgtcttgac tntncaacn	300
tacagnggga tgctnaaga atgngcactg cananaggac tngtntata ntaaccatat	360
gtatgcntnn cgtaananna tgcnnngctg actatctcta atnngngcgg ggaacgtgat	420
cacattcncg nncnnttaca tggaggctcc tctcccnan gnntctaanc tannagangn	480
ccatgagtat gaaacantgn ctinnaccac ttnaacttac ccnannnnc ccaatatctn	540
ttgntagct ntngattctn tgnnagcct tnaactgacc ctacttagac anngcctttc	600
acacntcan naacgattcn ttagtaaat nctantaacg cttcccccta cacctnnnta	660
tgnatttacc gcncctctat tncctnnccn ntncngnnn tnantgaacn ttacctcccc	720
ttnaannnt ccgcnnncct tncaacctt nantnanc atttcctna tcttctcac	780
cggggcatit tntctnngg ntccgggttn gnttntactc antgcnantn	830

<210> 2859
 <211> 759
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(759)
 <223> n = A,T,C or G

<400> 2859	
tgtntttgt tgggtgtntc ttctancatn cggggtctc gnncnccgc ancagccnng	60
cgantcggac tgacagnngt gccaacatgg cattctgttt ttgaaaagt acatgacact	120
attaagtatt gaaaatgttc taactagaaa aacgattttc ttaatcatag tttttattgt	180
ggggtgtgta tgtaagtttt aacgtgcaa ttaacatata gaagtcaact tgtgagggtt	240
catttaaagt tatttctcag attttgctga atctgtaata gccattgaaa tatttaagta	300
ccttggctgt tcttggcatc aataaacaga tttttctttc cctcctcatg ccatacaaaa	360
gttgacaata gctttatcac cacaggaaga aagctgacca tcattgccct ttatttgggc	420
ccagttgcca tggttacagc cctttagcta aattgggaat ggtaacccaa ataacatttg	480
cataacattc ccttgttctg cccacctctt tgcacatctt caaatcaagg ttttggctg	540
atcaccatac tatgctgtag cctactttta ggaagtactt taggctaaat agatttgtn	600
catttatgct aaatgctctc ctggacacta ccatactcag catattcctg gaaatctaac	660
gcaatnatnt taccttttaa aacacccggn ctccaacng nnnntacct ntnaccncn	720
ctgnncnna tntntnncc tncnttatcn antaaange	759

<210> 2860
 <211> 765
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(765)
 <223> n = A,T,C or G

<400> 2860
 nttaactna cnggctngga naccnnttct gcagnaagcn nnnccgngca attcggcacg 60
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 aattagtcaa caatatgctg ttgactgcag agctgtatct tcagtgggtg gatgaagcta 180
 cagtagggga gatcactcat gctaggtatg gatctcctta cccttggcct ctgaatcata 240
 ttttggccta tcaaaaacag tgggaagtca aacgtaagat gaaagctatt ggatggggaa 300
 agaagactct ggaccaggtc ttanaggatg tagaccagtg ctgtcaagct ctctctcaaa 360
 gactgggaac acaaccgat ttcttcaata agcagcctac tgaacttgac gcactggtat 420
 ttggccatct ataccatt cttaccacac aattgacaaa tgatgaactt tctgagaagg 480
 tgaaaaacta tagcaacctg cttgctttct gtaggagaat tgaacagcac tattttgaag 540
 atcgtggtaa aggcaggctg tcatagagta tgtgttaagt ctcangagtc ttaactttng 600
 gaaatatggg tttacttnaa tgttacatta gatatngggg gntacgaatt tttanaacca 660
 aattactggc tttttgnaac cttcaaaata ttataatggg atcttaatgg aatgngcctn 720
 taanattggg naatttgggg tattacaatt aaaaanaaaa tnccg 765

<210> 2861
 <211> 757
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(757)
 <223> n = A,T,C or G

<400> 2861
 gaancagctc tntncttttt gcaggatccc tcgattcgaa ttcggcacga gagttgctgt 60
 cagtcttggt gtggaaagga gacgcattca tgacattgca aatgtgctgg agtcgctgca 120
 tctggtcagc cgggtggcta agaatacagtc tggctggcat ggacggcaca gcctgccnaa 180
 aaccctgagg aacctccana gactnggaga ggagcagaaa tatgangagc anatggccta 240
 cctncaacag aaagagctgg ncctgataga ttataaatnt gganaacgtn gaanagatgg 300
 tgatccagat ncccangaac aacagttact gganntctct gaacccgact gnnctcttc 360
 atctgcnaac agtggaaaag acnagtctnt gagaattatn agccagangt ttgtcatgct 420
 gnnctcgcnc tncaaaaccn agatngtcac tctggatgtg gctgccgaaa tactgntcgn 480
 agacngcga gatgccccag accatagnan atttaaatgt aagaatnttc acctgcatna 540
 ncttactagc acataaaggg tgggatttna tngtngata ttntctgctt ccgagattaa 600
 aaatctntnt antgnttgtt gacntangca tggaagtgcc cnaaactcct gccttttaaa 660
 actntcnng agnccatttc cgtanattcn cacntgatta aganncaatg gtgaagttg 720
 ggnaaaaccg ccacttggat gcaccggaaa aanatnt 757

<210> 2862
 <211> 750
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(750)
 <223> n = A,T,C or G

<400> 2862
 gaagcagctc ttgttctttt tgcaggatcc catcgattcg aattcggcac gagacattgt 60
 gttgcatctt ataacttgta tagattgagc tgattgaaat aagattttgt tccaagtatt 120
 atctgataga atacaagatg attcaaaatt atatagatat ttaaagcttt tctgctgttt 180
 ttttttttta attgcaactg cttttctgcc gtgcctctct tccctacca aaagtgatga 240
 gttctgaaca agacaagact gtcattattg agagactttg gtatgtgata ccatagaata 300
 ctgattggat agccatccta gtcacttacc aatactgact agaagttaac tcttaattct 360

aagctatctt	aaaatgcata	tatatacttc	ttgcatggaa	gagcaaaaaca	aattcaagtt	420
gtcatgcctg	ataatctcag	atgccaccgt	atagcaaagg	gtgaacatgt	tttcaaccct	480
ttaaactttt	acggtgtttg	aagaccagct	actccttaat	atztatcaat	ggattaagaa	540
gtttaagatt	ttgcagattt	atcaatttgg	gtttttgtac	tgaagttgtc	ttgagggttt	600
gcaagtgtcc	ctttatat	aaatttgaaa	gttgtaagcc	ctggatgtta	atgtgattga	660
tcagcatggg	catatgtaaa	atgncctttt	ctgggtggct	ctctatgcc	atgggggtcag	720
atccttacac	ccntaattna	accagtnngt				750

<210> 2863

<211> 742

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(742)

<223> n = A,T,C or G

<400> 2863

gaaancagct	tnnnaaccnc	ttgcaggatc	cctcgattcg	aattcggcac	gagggatggg	60
tgccctggag	ccaggcaagg	caggaggccc	cagaaacttg	gtgggggaga	taacggaggg	120
gatggagcag	gaggaatcct	gaaaaccgga	ctgggagaga	tggggcccag	tggacgatgc	180
ccagtaccag	cgggcgtctg	agactgaaac	attaattctg	aagaagaaga	aactagacag	240
tcagacctcc	aggactaaga	tgaagtgagc	cgagaggana	tcgtatcata	agaatgcttc	300
tgctcgnatg	cgggtgcagt	gctgtgtgta	tctagttnca	gntacttgag	aggctgaggc	360
aggangattg	cttgagtcca	gaaagtggca	gttgcatgga	gtggagatcg	cgccactgct	420
ctncagcctg	ngtggcanan	cgagaccctg	tctcaaaaana	taancaaaaa	caaatgctt	480
ctgtcagtta	acaatcttta	ttaaaagggt	ttttagtctt	tctttctcaa	cttgtatgtt	540
aanttggttg	acaaatgcna	attnacgtct	ttattatnct	ttctttctna	anaaaaaagc	600
cnnntnttgg	nanaanctcn	acctntgaac	tntgtgagtc	ttattacntn	natccntcca	660
tgataagatc	cnttgatnat	ttggacaaac	ccacttgaat	gcnttgaaaa	aaangctttt	720
ttgggaaatt	tnngatccta	tc				742

<210> 2864

<211> 759

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(759)

<223> n = A,T,C or G

<400> 2864

gnntagctag	ctacnnaaac	tctttggcna	atcccantcg	attgcgnntt	cggcncgaga	60
actgacctaa	gcctcagttt	ttcagatctg	tagtacttac	tttacatgat	tgctctttga	120
attgaataac	ataatttatg	tgaaaacact	taattatgaa	tgctgtaaaa	ctatcaaagc	180
cattaatatg	tgtnatagta	gcatcataca	ttttgcagca	taatccagag	aacaaggagt	240
tgtaacaag	ggagaggaag	ataatctggt	tgggctagta	ttatactctc	aggtgctact	300
gacttcttag	atgaccttca	agatgttagt	acaactctct	acttggagat	gctattttct	360
ggggatgtta	atatccactc	tattcacaaa	attttaagaa	aagtcaagta	gcatggatga	420
aactctccaa	agttctgctt	aaaactaaaa	tatcttagtt	gtcactgaag	ccacagatat	480
tttgtgaatg	cagcatgttc	ccaataggca	gtccctctta	gcctcacagt	ccaagctggc	540
aacaggatca	cattccaggg	aatgaacaga	aaggctggca	ggcaatcaca	ccgctgatat	600
cttangtgtg	tgggcccccc	atTTTTTTTT	tgagatggag	nctnactctg	ttgccaagc	660
tggagccttt	taaactatag	tgagtcgtat	tacgtanatc	cngacattgt	taggatnca	720
tgatgaagt	ttgggncaac	cacacttgga	atgcngncg			759

<210> 2865

<211> 765

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(765)

<223> n = A,T,C or G

<400> 2865

gnaatagcta	ggcnatnaga	tctcgttgca	ggatcncatc	tnnttgacagg	atccccatcna	60
ttgcgaantc	ngcacgaggg	acccccta	tttgtacatg	ttgatgatag	gaataagggc	120
ttcgtttatt	ttcactgcat	gctctctatg	gaaagaggat	gtgctaagca	aacaagcatt	180
gtaacaata	tttcagaggc	aagggttttg	cctgctttaa	aaaaataaaa	tgtttgcaag	240
tacaattaaa	aaccagtata	agggacaggg	gtgggatgaa	aacctgtctc	taagattacg	300
aagcctgcgt	tatttcccct	aaatcccctt	cgaggaagat	ttgaatccct	catcaacaaa	360
ttttcattga	ttatgtttct	attatatata	ctgtagactc	tatattcacg	aatgtaatca	420
tactcattca	gaaaaatata	ggaagagaaa	atgagtatga	cctgtagcct	gaatttcatt	480
ataaaagatt	taaaaatata	cattttatat	taaaattgat	gtaatctttt	aattatgaag	540
tctttgatcc	tttagatgtt	ttcatccata	acccaagagc	aagatccttg	catcagtttt	600
ttccangtta	tgtctatata	atctattatt	acttaaaagt	ttggagttac	atataggata	660
tattgatatn	tagagagtta	taggatatat	gnnanttttt	ttcaattcca	gtcccccaac	720
ccgagcaaag	anccattttt	tatggaactt	aaaaaaaaaa	aaan		765

<210> 2866

<211> 790

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(790)

<223> n = A,T,C or G

<400> 2866

ngtanganac	tnnacgggaa	atcccntntc	tnnangaanc	caatcgatgc	gaattcggca	60
cgagccccag	ccagccttca	gggtcccctt	gttnttgtgt	agatgcagtc	tagcgggggg	120
ccggagaagg	gctcaggtgg	gaggggcctc	agcaggctcc	cagctcaggg	gctggcctgg	180
ggggaaccct	gggagccagg	ggctgactcc	agcaacactg	gcctgtctgc	ctgttctggg	240
agggctgtga	ggatgtcttg	cagatgctct	ggatttctgc	ggaggcacct	ccattccttt	300
ctggcttttt	ttgcggggga	gggctttggg	cctctttctt	tgagggaaca	ccgtcaaaga	360
aagcctggga	gatcgaggct	tcagtgaacc	aggatggaaa	cgctgtgtcc	aagtgtccgg	420
acaggcggca	gaggcctnag	tgccggcaaac	acagccccag	agcctgtgtg	gcaccagcag	480
catcttanag	ccccaggtat	atgctgagan	cttatctcac	gctgcctcca	ntgtctgggg	540
ggcccaaaat	gatggcacia	gggcangtgg	gcctgnaagg	ggccncaaaa	tgccctgngg	600
ttcaaaggga	agggtgggcc	accaatgggg	cccnanggtc	ttaaccccaa	ggaacccttt	660
tggntctnng	tnccctaaac	ccttggcann	tnacnggnaa	gnacctaatg	ggnggggnact	720
ggncceangg	gccccnngtg	nacctttggg	ggggccaaaa	tngggaaagg	gccccccctg	780
aaaaaaaaan						790

<210> 2867

<211> 762

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(762)

<223> n = A,T,C or G

<400> 2867

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cccagggtcg	actgttggtc	atcttgccag	atcttntntg	atgtcttttg	cttcatcctg	120

ctgtgcatct	tgcaggaaag	tagatgctct	tggtcatttg	agtaatccga	atcttggtat	180
ttccagtcaa	ctcagttgga	tttctgggat	gagaattaga	ggagtcccat	tgaaaaactg	240
gaatgagaga	tgagaagttt	gctgaaaaca	gaacattttt	ttgtgtgtgg	attgatttgc	300
ctcgtatacc	tgcttgttac	tttaaccaca	tctttgcagt	ttaaaataga	acacattatt	360
tcttcagatt	cacttatttt	gactacatca	gtaatgctct	tacaaggctg	catgacagat	420
ttatggtgac	atgctttagg	cagttcaaaa	tccttaaacc	tatatccagc	tccttttttc	480
ctagaaagta	agtcattctta	attttcaatc	tttctttctt	tttaatcttt	taatgatttt	540
ttgggggaga	ggaatcttgg	cagtttagatt	cttcaagctt	ggctacaaat	gggttaaaat	600
ataagtgtg	aaaaatnttat	actttntcct	atttngantt	tgntctgctca	tttggnnttct	660
tcccatggtc	tcaagtatac	aattnccaag	tttattgggg	ctgnntcacn	tgnttccatt	720
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<210> 2868
 <211> 796
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(796)
 <223> n = A,T,C or G

<400> 2868						60
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ctaagacaat	aatcgctttc	tgacaaaagga	gcctgcacat	ttgggtgagc	agacccaagc	240
tgtttacagc	tctttcttgt	cctgccatcc	agtagcagtt	agtcttcac	cccacgtgaa	300
caaaatggga	aggagccgtg	aggagaggag	tgaggcaaca	ggcaccgcaa	gtccctcgtc	360
cttccctctg	tgtgctctga	atatgtcctt	gtccttccctg	acccatctct	gaccagctgg	420
gaacctgctt	gggggtcccc	tcaaacctgt	gnctgggggtg	tgggctcaca	gatccctatc	480
agcctggttc	gtgggganggc	tcttccctaaa	gggacccccca	tctctaagtc	actctgaaag	540
ggagttgtgg	agaggagacg	ccctncaaac	tcttcagaag	tntntgagga	cttgaactgg	600
gtcactcggg	atctgngtnc	gaaatccttc	ccaacctttt	tcttttgggg	gagntttcct	660
taaccctgct	ngcttgnaaa	ccaccaaang	gtttttgggn	ggcctntcct	ttttcttcna	720
ttttggtttt	aaaaggggcaa	ntngtnccaa	aaaagcccat	ttcccnngaa	atgcccaaan	780
aaccanggg	ggccttaatt	ttnttaaggg	ggaaagggna	aggttcnggt	tttcccaatn	796
gntttcccc	ttcccc					

<210> 2869
 <211> 748
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(748)
 <223> n = A,T,C or G

<400> 2869						60
gacnnntgtg	nangnncgtg	gaaatgncct	ttctnnanga	nncccntgcg	ntncgaattc	120
ggcacgagaa	tacacacaac	atataagaca	tggcantttt	ctgtttatgt	tatcaggttt	180
aaggcttctg	gtcaacagta	agctatgagt	agttaagttt	ctgggggggac	aaaaatttgg	240
ttgtcaactg	atggggggggc	gggtgtggca	cccctaacc	gtgactgtt	gaagggtcaa	300
ttgnactgna	tttatatatg	ccancagctc	tncaactgtg	gtctgcagat	ctcatgaggt	360
ctcctttcag	gggaccacaca	tgggcaaac	tatatcata	ctactactaa	agccatttgc	420
attttccact	gngttgatat	ttgcctgatg	ttgcaaaagc	nntgggtgggt	aaaactgccg	480
gtaccttagt	gcaaatcgag	tcaanggcac	taaacgtata	nttgccatta	gatcctctct	540
tcancattct	gtgctngcag	ntnaaanntt	aataagccng	ttttacntan	gaatgtcctt	600
aatgaagcaa	ttgaaatgac	taattttatt	aaaatctnaa	gccttgagta	tatatctctt	660
tcaatattct	atggaaataa	ntggnaacta	tncattaagc	atttctgcat	gcaaatatgg	720
nactgnnttg	aagnaaanct	ctgcgggtnn	cnaattgcna	accttgaact	acccattgat	

acttgatgt gcaggctnncn ggacaacc

748

<210> 2870
<211> 741
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(741)
<223> n = A,T,C or G

<400> 2870
tttnnatgct gggtgtcggt ctntctnnaa gatccnngcg ngncgaattc ggcacgagcc 60
cagaatgaac atgcagcccc cccaagtaat cctgtgatcc cagggtttca agatagactt 120
ttgagttttt cacagtctgt cttactcag caagataact tgggacttca gaaacagttg 180
gatctacaaa gagaagttct gcattatagc cagaaagccc aggaaaaatt gcttgtagag 240
agacaaaacag cattgcagca gcagatacag aaacatgaag agactttgaa ggatttcttt 300
aaagacagtc agataagtaa gcccacagtt gaaaatgatt taaaaacca gaagatgggg 360
cagctcagag actgggttcc taatacacia gacctagcag gaaatgatca agaaaatatt 420
aggcatgcag ataggaacaa ctctgatgat aatcatttgg ctccagaaga tacttagtgcc 480
aagcaaagtg gtgagcatct ggagaaagat ctggggagaa gatcctcaa gcccctgtag 540
caaaagtcaa atgtggtttg gacttaaacc agcattgaac ttagtgctat acaagaagta 600
gagtcaccag caattggcag aacttctata ctaggtaaac cagggtattta tgaagacaga 660
gacccctgc gagtcttaat taagcccag acaaaggttt ttttgggagc ccctggccat 720
ggatcccggt angttgnctt n 741

<210> 2871
<211> 735
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(735)
<223> n = A,T,C or G

<400> 2871
tgnnagagta nngnnnggta cttgctcttt nttnnangtag cccgtgccat tccggagggc 60
actgccctcc tggaagagat gcattaggat cgggttgcnc agtaatacct ttacatgann 120
ccatttngag aatgatnacg ggccaaagnt aacgggtgna ctgttangnc ancatggact 180
nngagaangc aagggtang gtgaccaggt ctggcanagt aannagcctt ncgntnnaag 240
ngnacctggn ccngaccnc agaggatngt naccantng actgnaggaa tganncnngt 300
nnggntgatn tntctncatn gannccataa tctaatgcat gattangaga nccaaatngg 360
ctgctcntta anngacatcc canannctat ctgatectaa tgcggnnat nctngatanc 420
ttagtgctnn taaacgncgt gntcatacat nnactnatgc ttnggcnanc cactcnnngn 480
tggttangtna cntatgtann ncngacngg anacttctnc tctgtgnagc agtcatcaca 540
tctntacang nctangtnt antatngctn tnaacncggn ntgtagtga tactggagca 600
tggtttctn ntnacactgc attgctgtca catcttggt gagcnnagta atgtccgtcn 660
agncttaata natcntngaa tgntgggcna tcgcctggag ttccangatc ntttggagtc 720
cgtcnacttt tatnt 735

<210> 2872
<211> 752
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(752)
<223> n = A,T,C or G

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<400> 2872
agnangcgtg tgaagtatcg ccncctaan agaaggcggg cgattcggca cgaggcccca 60
gggcatncgg gggatccctg tgattttggt gaggggtgagc acccagggtc cacagggtc 120
tgtcctgggc aggcagcag atgcagtgat tgcaaatcct ccttgtncaa atggaacagg 180
cacgtgcatt tgtggcacac tcagagctgc tggccactag tngctttg agaatcagtt 240
gtctcccagg cggggaangt ccctcagaca taaaatactc acccatttag aggaatgaca 300
acagcaaagg aaactatatt ctgctaattt actggtaaga gaggaaaaac tctgtcatgc 360
atacacatga cagaggctct gcctaaagag agaggcagca cgatacagat attagcaaat 420
gactactctc cangaagaaa cacaccagcc aggaacgna ctcacacctg naatccagna 480
ctttcanagg ccactccggt aggatggctt canaccatga gtttgagact agnctgngca 540
acctggcnga cttcatctnt accannaaat gaaaccatgc attccaacct ncnannagat 600
cantnangag acccacacct gggagtnncc agatatttca aaggctnngc angaaggatc 660
tcttngggcc aggaaaangg aaggcttgca attgaactat gatcctacca cttcactttc 720
agnccggggc nnccaaanc atgacctn nt 752

```

<210> 2873

<211> 771

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(771)

<223> n = A,T,C or G

```

<400> 2873
tctangagat ggnatgtntc gncctntctc naagagnaaa ggcttggcgn attccggnc 60
aagatcgaga ccntcctggc taacacggtg aancncatc tctactaaaa atacaaaaaa 120
ttagctgggc atagtggcag gtgcctgtag tccagctac tggggaggct gaggcaggag 180
aatggcgtga acccgggagg cggagcttgc agtgagctga aattgcaaca ctgcactcca 240
gcctgggcga cagagtgaga ctccgtctca aaataaaaaa ataaaatggg aatatcaata 300
gggcctatth agtaggggtg aagtatagct ctaatgagat ggtccatact ggtccccag 360
cacataggaa gccctcaaga aataaaggct agtggtaacc tgcacagtga tgggaggaca 420
ggggctatgc agaaaaactt ggagcaaaga aacgagagca aatatgggaa aataacaatt 480
tgtgtgggtg tgaacatatg gttgttcatc gtactgtttt ttcaaatttt ctgtatgggt 540
gaaaaaagtg ataatttttt gggggaaaat ctggcatgtt cccctgcacc tanggtatat 600
caaatgtat tgacaaaaatc caaattaaaa gccaaactca aaaaaaaaaa aaaaaaaaaa 660
aactcgagcc ctnttaanaa ctattagtgg agtccgtatt tacngtagaa tncnggacct 720
tggattaagg atncatttgg atgaagtttt gggacaaanc cccaactttg n 771

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<210> 2874

<211> 744

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(744)

<223> n = A,T,C or G

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<400> 2874
agnngcggnn nnnngnaaat gccctnnatg caggaaacca ngcgatccgc ctggtggtag 60
ttaccacaac acatgcctca ttaagaaaca ntttncatca gaggaatgc ctgcctccct 120
gntaccagct ctgcagatgt gcacatatct tctgtcgtg agccaatggg acttaaacct 180
tacctcttgt gttttggaga ctatctttta ttttttttt tttgagagag tgtctccctg 240
tgttgctcag gctggagtgc agtgggtgta tctcggtcga ctgtaacctt cacctactgg 300
gttcaagtaa ctctcctgcc tcagcctccc gagtagcttg gactacaggc gtgcaccacc 360
acacctggct aactttttgt attttttagta gagacgggtg tttgcatgt tgccggggt 420
ggtctcgaac tctgacctt aaatgagcct cctgcctcag cctcccaaac tgctgggatt 480
acaggcgtgt gccaccatgc ctggctaata tttatatatt cagtagagac gaggggtttg 540

```

catgttgccc	aggctgggct	cgaactcctg	acctcaagtg	gtccacccac	cttgccctcc	600
tagagtgcctg	ggattacagg	gggtgagcca	ctgngcccgg	gctcttttgc	tttcttaaaa	660
gactttggtc	gggtatttgg	gntggatgga	gtattgngtc	tgggtgnggg	taattcgann	720
cctnnnttng	tnnggggggt	anag				744

<210> 2875
 <211> 755
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(755)
 <223> n = A,T,C or G

<400> 2875						
tcaananncc	gctcttgctc	tttttgcagg	atcccatcga	ttcgctgaga	tcggccactg	60
cactccagcc	tgggtgacag	agtgagactc	cgtgtcaaaa	aaaaaagtcc	caaactgttt	120
ggctttattt	aggcagtaaa	tattctactt	cgggatgacc	tgtcatggag	ccagtaaggc	180
ctctacaaat	cacatcccaa	acaaatacaa	ctcagatgag	caaagtaagg	cccagatgaa	240
atgacatctc	gatctcttct	atggcagaaa	ctcagcaaga	cataatgaaa	caaagatagc	300
taaagttcat	tatttaatgc	tctactccca	agagaattat	gggactttaa	ggctactcac	360
taacatacaa	aattaccatg	cagatatggg	gggaaagtcc	atgtccagaa	aaaacttggt	420
ttgcaaacct	tagaactatg	tcattgcagg	attatgtgtg	tgtgcccgtg	tgtgtgctca	480
caggctttga	agagttttat	gagtatccat	tatccaaaat	gcttggaac	agaagtgttt	540
tggattttag	attttgaat	atttgcatta	tacttaacaa	gttcaagttc	agcatncaaa	600
accctaaatg	ctccagtga	catttccttt	gagcatgtca	gtacgcaaaa	agtttcagat	660
tttgagcac	ttaagattta	ggatttggga	tatcagcctg	cataatcaaa	ccttcttcat	720
tcaggaatgt	aaaangaggt	ttaatatgag	cttan			755

<210> 2876
 <211> 771
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(771)
 <223> n = A,T,C or G

<400> 2876						
agcgnccg	ntgaactgaa	atcccccttc	ngcaggagcc	catcgatncg	aattcggcac	60
gagatcacct	gatgtcagga	gttcgagacc	tttttgggtc	gcaaggtgaa	accctgtctc	120
tactaaaaat	acaaaaatta	gccaggcgtg	gtggcgtgtg	cctgtagtcc	cagctacttg	180
gggaggctga	ggcaggagaa	tcacttgaac	ccggaggcag	aggttgcagt	gagctgagat	240
cttgccactg	cactccagcc	tgggtgacag	agcaagactc	catctcaaaa	aaaaaaagaa	300
gatggaatta	gctgagtttc	atggctgctt	gggaggtttt	ttgcagacaa	agactccctc	360
tctcaccag	actggagtgc	agtggcgtga	ccctaactca	ctggagcctt	gaactcctgg	420
tctacggtga	tcctcctgct	tcagcctaag	tagctgttat	tggcatgagc	cactgcccct	480
ggctcacatg	gctgcttaaa	tgggaagagt	agcagttgag	actgagaaac	atgaaggact	540
angtaagtat	ggggctccca	gatagagggc	agcccacaaa	cgagataagc	agaagctgcc	600
caaaggggga	aggaaaagaca	gcccagacag	gggaatgtta	agaagaagac	tcaagccaac	660
tcaaggggtt	taataaaaaan	ggagcctaag	ctctctttaa	nncattcacc	caagccatat	720
gggatttcag	caaacttggc	cctgtcccaa	gggacctccc	ttttggcaag	g	771

<210> 2877
 <211> 778
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(778)
 <223> n = A,T,C or G

<400> 2877
 tnnntttgac ncnttncnag gctacttggt ctttttgcag gatcccatcg attcgaattc 60
 ggcacgagct gggagcgaga cgggtggccc gnccagcccc atgggccaca ccggctggtg 120
 agacgagagg atggggcagc aggggaccgg gacctgcggg cagctgtggt gatcaggacg 180
 ctgaggagcc aggaggcctg cctggaggcg gtgctacgtc gactacaggg acagtgtcgg 240
 caggaaactgg ccaggctggt gggagcccg cctggtctca tctggatccc gccacctgga 300
 cgctgagggc ctgtcgacgg gccctcgtgt gggaagcctg ccctggccca gcctggctgg 360
 gtcttgagg ancagattcc aaggccaggt ggccgcangg acgatgcaga tgcagagccc 420
 acgtnacatg ctgcctccag ggggtgggct gggctgactc tggccggatc ccaagcctgt 480
 ggctagcagc actggggaca ggaatggctg gtcccttgag gaggtcntga caggctcaac 540
 ctgntggtct ggaggggact cggaaataaa ttgtancagc tttccttgcc aaaaaaaaaa 600
 anatnnannnn nncnntnnnn naaanaaaaa aactcgagcc tttaaaactn ttngngaagt 660
 cgtatttact tngaattcca aaacnttgat taggatncct ttgnnnnaat tttggganca 720
 aaccncaaac ttnnaaatgc cnntnnaaaa aaaaagcctt ttattttggg gnaaaatt 778

<210> 2878
 <211> 765
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(765)
 <223> n = A,T,C or G

<400> 2878
 tgcatacaca cgcttnggaa ctngccctct ttctgcagga tcccatcgat ncgcgctctc 60
 cctttatagt ttctctataa aaactggttt taaaattagt ggaaaagggc aggttgaatc 120
 aaggtgaatc aatctgaaat tgagcacacc tgccctgccat cgctgttcct tcaactgagt 180
 gctgcacatc atgggctctg tctgtgagag aaaaatcccg gtgcttggtg tctttgcatg 240
 acatggagtt ttgcatgtag atcantttta aatgtacctc ttgtttacat aatttgcata 300
 attttaaaag ataagtgtgn cnaactntgg aaatgttaat gttcagactg aaaatctcca 360
 ctacatgtaa ctctcttctc ctggatcact ggcattggntt ataatcccag ccagtgggtt 420
 gaactgntcc antgtcaact gccatgtgct ctgcttcaag ggggaactag ccttttgnga 480
 attttttgcc ataagtattt gttacnaata ttttagcaaa tgctttctat tnctctagct 540
 tgtgcatatc ttggctgggc gttacagaan nnatagncta cccattatnt tncttaccgn 600
 ggaaatgaag ggntantncc tttccncttt tantccggtc cnnttttttna ctttaagtga 660
 nagggnggtt gggataaagg gaangnggat gnangaagcn ttaannnacc tnaaatttct 720
 tgaaccccn caangncnnn ngggttcntt tttaaccccn aannn 765

<210> 2879
 <211> 811
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(811)
 <223> n = A,T,C or G

<400> 2879
 cntgntnnnn nttcaancct ggnaancgcc tttctnnann agancggtn c gntttagaaa 60
 tagaactcct gtagatgtgt agaaagantg atggnaaaga gaaaggactg atgtccttct 120
 tttcattgaa aaagatatgt tttaggctct acaatggctt aggtatgggt tgagactctg 180
 gggttacaaa gcaaagaaaa cctggcctct gccctgctca gagaacagca gggatacagc 240
 atgttagcaa ataagtatat agtgtggaag ggtctgtagt caatagcagt cattttgaca 300
 ataggaaaag gaatgtgtga aacttctggg tctgtgtgtg tgttgggggt ggtgggtcaa 360

gggaggggat	ccaaagatgg	tttactaag	aagggaaaaa	caccggacct	gagacttgaa	420
tgcaagtaga	atthttgccag	gcagatgac	tgthtttcca	ggtagataat	ccatcctggg	480
cagacaaaac	caggctgtag	aaggaaacac	atgtgtggag	caatagaaat	atctcattgg	540
tactggagta	taatgcacgc	caagaaacca	ggcaaggtag	acangggggc	acccgtgnaa	600
ggaaacctct	tgaatangg	ggaatggata	ttcatcacat	tttccattgt	ttaaggacca	660
aattgggaan	aaagtttnaa	tantccaaga	atgttaagga	aaaagnttaa	atgggaaggg	720
gaagaccaa	tttccaaggt	ggnttccaag	ccnaagggg	attgacncan	ttcccttaan	780
ttttgaaaa	ggncnnggg	tnthttggaa	a			811

<210> 2880

<211> 771

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(771)

<223> n = A,T,C or G

<400> 2880

gagattttcc	ttaactgcaa	tggtactcgc	ctctttccgn	agcccatcga	ttcgctgggt	60
catgaaataa	cagattaaaa	atgttctctg	gtaattttaa	ttaaaccattt	ctgtaaattgg	120
aaggaaaaga	aaaagatttc	agagagtctg	atcaataata	gcttgtgggt	cctagttagt	180
ggagcagtgt	ataaagaggt	aaggtttttg	agggaaaaaa	atactatgtc	aaatgggggg	240
tgaatgataa	aaatcgctct	cattttcctt	tttttcacct	ttcatcttca	tttatggaat	300
ttctatacaa	taaatntgnt	tggcatttaa	taacagtgcc	tctcccccg	aaactgttt	360
ttattttatc	ttacttaaca	aaatatntg	tagtggttct	gtgccaaagt	ctgttctaag	420
cactttgcna	atattnttcc	acntaaccct	ataaggtggg	tctgttttta	tgctctttg	480
ttcgnntgcc	agcaattaat	gaaactgaaa	cagtgcctgt	ccaagacacc	ntaagnagta	540
aatggcatag	ctggaatttg	gccctnaagt	cagtcctctt	aaccactgng	ctcttctgtc	600
tgctaattga	aaacccttat	aaagtgtgga	accnaaaaa	gccagaggtc	tggttttann	660
ntnccatttt	nggcnttttn	aaaaccgggn	tttttgcttc	ttgtcccccc	agaanttggt	720
gggttttcaa	tggaaccttt	ggntcncnnc	canngggggc	tcnancnncn	g	771

<210> 2881

<211> 768

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(768)

<223> n = A,T,C or G

<400> 2881

acngcncgnc	cancngntng	gaantcccn	ctctgcnnga	agcccatcga	tnccaattcg	60
gcacgagng	aggcatnttg	gcntnaacnt	gcgcttttta	cagaagttat	gtgccactgt	120
ggaaatngct	ggaaatacaa	atgcaaaaaga	aaacacaaat	ctctgncatt	ctgcagaaac	180
agcattctnn	ngacccentn	nggcttattc	tatagatgta	tatccttggt	cttacagaaa	240
cttgatcata	ttattntatn	actngcnggt	tcatntaaaa	atatcatgaa	catcttnngt	300
gacatgacat	gtctcnnctn	tnaatgagng	catagacnnc	caaactacaa	atcttcata	360
ctcngtgman	agnncctcca	ctgcagtcca	ncctggggcaa	cacantgaga	ctccgtcgca	420
aaaangncaa	nagacnggct	attgaancca	atthttgacnt	tggtatganng	tggcantaat	480
ntgantgccg	taacancgaa	tgccaggaggn	gagaggaana	nacccggagc	ccaagttgna	540
ttgggaaagt	ggntcaggcc	attggtantg	naaaaatcat	aattcncang	antttganat	600
gggagaaatg	cgggcnggac	ttgaccgnat	ctnactgaaa	ncgnanactn	cancgggaag	660
ntncaaggcn	aannngtcat	tttaaaccct	anggnnttcc	angctggnaa	nganncccn	720
ggattgnccc	nactnncctt	ccaggcctgn	aanaacaaaa	actgnnct		768

<210> 2882

<211> 743

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(743)
<223> n = A,T,C or G

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<400> 2882
gcnttcctaa accctttgnt ntcgctctnt gcaggatccc tcgattcgta aagttacact    60
taaacagtga tacatagatt gccagatntt ttttggaagg gctttgatta attaggcttc    120
agggaaattg tgaataaaaa cataaatctt gcaatagggt aggggaaaga aaataatccc    180
actcctgaag tgatgaaatg aagagtggct agagaggaga aaagaaccag gacagggtgat    240
atattagcaa ctgtcagtgt gaataatcca gggatgaca tttctaattt agcctcacat    300
ttaaggtcac ttctgattca acctcaaagt atccttctag cctactgctc ccctaaatat    360
taatatattc tttgtgccag tcacagtgtg ttaacatttc cctgaaaaca tcttaagcat    420
tttttttaac ctatgtgact tttgccttct tccatctcaa ccttttaaaa tcttacctac    480
ctgtccctta cttcatcaaa tgttttctaat tatttagaaa caacttctaa atttcctaata    540
atatatgtat atctgngttg agtatgtatg tgnnataact aaattagagc taaaatattc    600
ttttattagt atgaaaattt gtgnaattag ttgatttatn ccttcatata tctctgggag    660
aaaatctctt ggtcaagcct ggtagccctc agagaacttt aaagttttat tgattctaata    720
nttatgtatg tatgcatgna tgc                                           743
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<210> 2883
<211> 737
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(737)
<223> n = A,T,C or G

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<400> 2883
gantcagctc tgttcttttt gcaggatccc tcgattcgta aaggacctgc ctgcggctgc    60
tttacagttt gtttgttttt ttttaaaata agtagaagat atacactaaa gtaatgataa    120
atgtatagta tagtaaatac acaaaccatt aacagttggt tattttcaag tatatgtact    180
gtacattaat tgtgtgtgct gtacttttat acaactggca gcatggtagg tttgttcaca    240
ccatcttctc cacaaacctg agaatcgtgt tgttgactg caagtcatta agttaggaat    300
tgttcagctt cattataatt tgtgggaaca taagatgtcc ttaaataagca cataactgta    360
atgtgttttt ttaacatctt tggttttttc agcagctatg ttagtatcca gcagataact    420
ggcactctgg acatttgatg ggtgaaaata ttcacggttc attcctttct tcgaatgagc    480
ccaataatc attgcctcct gaattcctct atcaatattt tgcctatcat ttgacatttt    540
tagacattta aaacttctta gtaagatagg acattactgt aagagcattt gtctgcatat    600
actatttcag tttttttccc ctttgtctga gttaattctc tatctactgg tcacagtaaa    660
gagttccata acatactaca cttgcctaaa cagatttaac ctctggcagc tcactctgact    720
gaacacagta agtaagg                                           737
```

<210> 2884
<211> 769
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(769)
<223> n = A,T,C or G

```
<400> 2884
acntngttct gtnncngaan nccctnnctc naaaancnag gcgggtgcgtt ntcagccacc    60
tccactgact cctacctcca aagtnnatac tttttagacc ttattttcct aaggatgagg    120
```

ntagtangag	ggctgcttnc	cctcagcctg	gattactgct	ttggcctaga	agatgaagat	180
ggcatatgtg	gttatgcctt	gggcactgta	gatgtgaccc	ccttnattaa	aaaatgtaaa	240
attncctgga	tccccttcat	gcaggagaag	tataccaagc	caaatggtga	caaggaactc	300
tctgaggctg	agaaaataat	gttgagntnc	catgaagaac	angangnact	gccanaaact	360
ttccttgcta	atntcccttc	tctgataaag	atggacattc	acaaaaaagt	aactgaccca	420
ngtgtggcca	aaagcatgat	ggctngcctc	ctgncttcac	tgaaggctaa	nggctcccgg	480
ggagctttnn	gagaagngag	accanatgan	anaagaattc	tggaatctta	cagcangtta	540
agatggtntt	gaaattgcaa	aaaaaggaag	gatttncaaa	aggatgnngg	ctattacttt	600
ggtcnggaac	cctggggacc	aattcnttga	cactgggnaa	ctgntncaaa	aagtctctta	660
actgcaccct	nggnnnantg	ggtaacttga	agggcntcca	taacagtcaa	gccncnagaa	720
atgggnacca	aaaccatncc	aannggannt	cgcaaccnan	aaagacnnt		769

<210> 2885

<211> 746

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(746)

<223> n = A,T,C or G

<400> 2885

gaancanctc	tgttcttttt	gcaggatccc	atcgattcga	attcggcacg	agattgaatt	60
ttctgataat	tgaagcttat	taattgtcta	aaattatctt	aagatatttt	ctgatgtaca	120
tcatTTTTaaa	atgagttgca	cacatttcta	ttctgtttca	acataattcaa	tataattttc	180
gctcttgttc	atctgttggt	attcattata	taattcanac	gtggtctcag	gtctggagac	240
atgtgaagtt	attgctccta	cactgagtgt	ttccatgtca	ttatgcctta	atccttattt	300
agacacagct	atgataccct	ctttacaaca	taaaggataa	gcaaaaggat	gtataaatgt	360
atcctgggct	ggaaagtggc	attattgact	ggccattggc	catcagcaaa	ggggcctgag	420
tggaaggata	tgaaggatg	ggtgtaatgt	agatgacngg	ttgatgggtg	cagcaaacca	480
ccatggcagg	tgtataccta	tctaacaac	ctgcagggtc	tacacatgtg	tcccanaact	540
taaagtatag	ttaaaaaaa	aaaggatgan	tggtagcac	agctgacaca	ccccacgaat	600
atctgggggg	ctttgagaan	gttgctgana	tccagtaatc	atgtggcaag	tttcagttat	660
ttttattgag	acctcttggc	tcaataggct	gttgaagtcc	ttggaactcc	atcaaagggtg	720
ggtttcccaa	tcctncatga	ctgcng				746

<210> 2886

<211> 749

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(749)

<223> n = A,T,C or G

<400> 2886

acn gcgnncn	ctgaacngga	aatccccnt	tgcacngat	cccatcgatt	cgaattcggc	60
acgaggtgat	agagatcatg	ccgcttggt	tntttnttc	tccccctcgt	tgtaattcag	120
caggcttccc	agtgtgccct	gcacccctcat	ctgtgaggcc	gacttcaacta	tcatccccac	180
ttataggtgg	aggagactga	ggcacagagc	tcccaaagcc	ccacagctgg	cgagtggcag	240
ggctagcgtg	cgatgtccac	tagactgggtg	tctgacgcag	aagctgcgct	tctcaccct	300
gggatctgga	agataattct	gatgtgtgag	atccaggaga	atgcattgtt	taaccagaaa	360
atgttttgta	actgcatttt	tgtttttgac	agaaatgtga	ctgcccactg	aatantgagc	420
attggaatta	gagaccatct	agctgccggg	gctgggntgg	gtcatcttgc	gnccnttaag	480
actgaattgg	gatgctggat	tccantctta	aaaaccggca	tggngacata	ccacaaacag	540
ggtancntaa	aacaacaaaa	tntttttcac	aattctgaag	ggtaaaaggc	tgaaatcang	600
gcntgtgggc	acggtgagct	ccttcttgat	gcnaactggt	cccgttcctt	nccggaacct	660
ccggnnggca	acaagcttgc	cctngggggg	nccctgnctt	ggancctgng	ttaacccan	720
actnttgncc	ccgncttnat	gggnancc				749

<210> 2887
 <211> 742
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(742)
 <223> n = A,T,C or G

<400> 2887
 gaatnaatcg cttggctact cgcnccttttc tgcaggatcc catcgattcg tgtggcccca 60
 agagtgggag gagtgggctg tcagtaggcc acntntntaaa tatctgtgtt ctggetgacc 120
 cccatatgct aggatactgg agatgaggaa ctggagaagg tgcttaaaga gcacatctgt 180
 ctggtagagg acacagagct gtccttcaag catttgaacg atgttctcat ttccctggaa 240
 tcttctcttc tccaggctca catctctagc tccttcaatg attcctcttg cgacatcatt 300
 ttagttctct tccccaacct agtctttttg cttttaatga atgatcactg atgtatagcc 360
 ctgatgacat ctggtgtcca cagtgggtgcc tgatgctccg ggtgaagttg aagtttgacc 420
 agtaagaggg aagaaagaat ggctcctccc tcatttcaga gaatacatcc tagtcacaag 480
 tgcccctaata gtcactcagg tttttgatag ctacattccc tcaactgatcc agtagaatac 540
 actaccaact gatgcacat cttgattaac aacagcaagc cttcccttcc ttntctcaagn 600
 atctctcctn acatggcttc catncagatt tgcttttaac ctgccacttt ggaangggcc 660
 ccccgagatc attttaatta aacacgttat tagaactggg ttaataaggc tancctctat 720
 gtctctgcna atatttccaa gc 742

<210> 2888
 <211> 755
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(755)
 <223> n = A,T,C or G

<400> 2888
 nggttttnang accttggnata angccttttc tgcaggancc catcgattcg aattcggcac 60
 gagctctttt cttgcttagt gatggcatcc attttaagga acaaacctgg aaatgctgag 120
 caaagaacac atacccttca ttcccaaagg ttcatttccc actcttactt tagattgaca 180
 atgagtgtga gttcaaaggc tgccctgcag ggaagctcat ataccctata atttaaaggg 240
 cctcagacga ctcttgggaa acttggtaaa acattctatt tagagacatg cctgctgata 300
 tgacatatat ttttatagtt atacccttt attgctggga cataaaacct gttttcactc 360
 aaaatgttcc tgctttcaga aaatagaaca agagacatgc agaaaacagt gattctatta 420
 ttgtgtatta tgacttttgt tttatagttc tcttttccaa ctcatctctt ttccctgcag 480
 ctgtggaatc tggacagcaa aatcttgttg acgtttattc cactaagccc agggatgaga 540
 tggcactcan gttaaagaac taacattttc tgaaaccctt cattactttt taccagcatc 600
 angccctctt aagttccaag tggtaagaaa cccttcattc aaatctttac ttccgncant 660
 ncccatthcc aagcccttct attatgaacc aaaatttcan gaaaccncta gggatgcccc 720
 ttaagaaatt ggggttacat ggttggnccc aaaa 755

<210> 2889
 <211> 717
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(717)
 <223> n = A,T,C or G

```

<400> 2889
cnaaanatnn ctggngnngc gcgttttgaa ctatcaacta gatctgggaa gatagaacag      60
gcnttntcag attgccttgt ttacaaagtg tcatcacgaa aagtgttcct ctaggaaggc      120
ataatatgtg gcctgatgga tttgatgagt agattgtaaa agggttggga ttctggcaga      180
acaagaagag ataactaatt agtgaatta actgagaaaa gagttcatta gcatgttggc      240
tattagactc taataaaaat ggggtgtgaaa agatgggatt tggacctaga ggcagtctta      300
gagccataat cctttttttc tccttttgtg aaagtgcacg gtacttctgg tctgagtcca      360
taaatacagct atatctaaat ggaaaactat atcccactgg gatggtaatc acccttttga      420
tagaaagggtt agaagccaga ttcttcaaca gaaatggaac ttatcaattt aattaagatt      480
cctcaacagt agatttttag gtcagtggaa cccctgtgta aagcgatgtg ctactgcatg      540
cctagaatcc tatatcactg atagctgaaa aagaggcana gcacttacca ttttcattag      600
nctgtatncc cttggaatgt aagccctttt tgaangggaa atctactcag gangctgaag      660
cccggaaaat nacttggaac ccaggaagca naagggttgc ttgtnaccn aaaattt      717

```

<210> 2890

<211> 717

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(717)

<223> n = A,T,C or G

```

<400> 2890
cnaaanatnn ctggngnngc gcgttttgaa ctatcaacta gatctgggaa gatagaacag      60
gcnttntcag attgccttgt ttacaaagtg tcatcacgaa aagtgttcct ctaggaaggc      120
ataatatgtg gcctgatgga tttgatgagt agattgtaaa agggttggga ttctggcaga      180
acaagaagag ataactaatt agtgaatta actgagaaaa gagttcatta gcatgttggc      240
tattagactc taataaaaat ggggtgtgaaa agatgggatt tggacctaga ggcagtctta      300
gagccataat cctttttttc tccttttgtg aaagtgcacg gtacttctgg tctgagtcca      360
taaatacagct atatctaaat ggaaaactat atcccactgg gatggtaatc acccttttga      420
tagaaagggtt agaagccaga ttcttcaaca gaaatggaac ttatcaattt aattaagatt      480
cctcaacagt agatttttag gtcagtggaa cccctgtgta aagcgatgtg ctactgcatg      540
cctagaatcc tatatcactg atagctgaaa aagaggcana gcacttacca ttttcattag      600
nctgtatncc cttggaatgt aagccctttt tgaangggaa atctactcag gangctgaag      660
cccggaaaat nacttggaac ccaggaagca naagggttgc ttgtnaccn aaaattt      717

```

<210> 2891

<211> 744

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(744)

<223> n = A,T,C or G

```

<400> 2891
gagtacgang ggcanaactg gaaaccccat nnctnnanga anccanngcg atgcgaattc      60
gggcacgagg ctcttctctg tgccctttat ccgntttttc cagctcacag cactgacaac      120
cggtatcatc tcaggctctc ccggcacctc tatgtgctgg ccgcgagacc caggcttcta      180
gtgctgtggg atgtggacac aaacacgccc tgctatgccc tcttagaagt tacctacaag      240
ggcactcagt ggtatgaaca aaccaaagaa gaattgatgg ctccctaccct tcttcagaa      300
ctccatcttt taaagcagat taaagtaaaa ggcccaagat actgggaact gtcatagat      360
ttaagcaaag gaacacaaca cttgaagtcc atcctttcca aggatggggg nttatatgtt      420
aaactccggg cgggtcagct ctctacaaa gaagatccaa tgggatggca aagnttgntg      480
gctcaagact gntgctaaca ggaactcnga agccccgggc tttcaagcca gaaacaatct      540
cagcattcac ttctgatcca cacttctggc atttgctgaa nattncngca agccaactgn      600
gaacatgggg cagaaaacag gaaantctgg aactcttttc ttcagncccc atgaaagggg      660
taccaggagg acccaaaaaa gttgcccgnc atacataaca atggacaggc tataagaaaa      720

```

cttgggaaaa naaaaatgtc tgat

744

<210> 2892
<211> 764
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(764)
<223> n = A,T,C or G

<400> 2892
angttatnaa accctttgga cncgctcttt ttgcaggatc ccatcgattc gaattcggca 60
cgagatcacg cccagctaatt tttttgtatt ttttagtaga gatgggattt caccgtgttg 120
gccaggatgg tcttgatctc ctgatcttgc gatccaccg ccttggcctc ccagagtgtc 180
gggattacag gcatgagcca ccacacctgg ccacagaagg gatcatttct aaatagcata 240
gaatcacagg gagtacacct catgtgactt caggtttaga gtcagcattt gtcataatg 300
aattacatat cagtaaatga acatgacatg cttcaacttc aataatatta aacaaaactc 360
tttcagtgtg cttattcata gacgaaaaac agggcctgaa aaccagtggt gacttgggtg 420
tcataatctc tcagtttggg tgcactatat cagtgtcaat caataaaggc cagggaatgat 480
tttggagtat aatgtccagc cttaaactct aaatgaaagt gaaattcaaa cacttagccc 540
agcagtagaa gaacaaacac tagtgagaca agtataaatt tgntaagacg aacatgggcc 600
agatcccatc atctaataata tggggtcctt cgacagtatg taccgtctnn gaanaggaag 660
naaatattca aggtnccca atggagccat ttccttcaaa agacaggccc aaggagcttn 720
tgaaaaanaa anccaagtgt nggccaanaa angaaggggg ccct 764

<210> 2893
<211> 723
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(723)
<223> n = A,T,C or G

<400> 2893
gnntnnnnnn nngnncnctgt ctttttgcag gatccctcga ttcgaattcg gcacgagatt 60
tcctgaggtc tccccagcca ggctgaactg tgagtcaatt aaacctcttt cccaataaaa 120
ttaccagtc tcgggcatgt ctttattagc agtgtgagaa tggactaata caagtaccat 180
taataaattt cacaacgtag attaaatgtg caaattcctt gaaagacaca aattaaaaaa 240
tgacctgaga agaaaaagaaa cttgaataga tctgtatcta ttaaagaagt tgaaattata 300
attagaaacc ttttgaaact tagaactcca ggccccttgt tgtgaattct atcgaacatt 360
taaaagtagaa gtgaggccaa ttttacataa gctcttttag acaataaaga aggaacatgg 420
tttatgtgat tattaccttg atgttaaaac cagacttaag accttacaag gaaagaaaac 480
tgcagttact catgaacata gatgcaaaaa tacctaataa aagtttagca aattctatcc 540
agtaatatat aaaaatgaca attcatcatg ttcaaattgg gggtatttta agaataaag 600
ggttgcttta acatctgaaa gtcagtcagt attaattaac catactggta ttaataacct 660
agnaaaacca ttttggagca tttcaataga tgcagaaaaa gaaatttgac aaaaatggcc 720
cat 723

<210> 2894
<211> 738
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(738)
<223> n = A,T,C or G

```

<400> 2894
tacaagctct tggtcttttt gcaggatccc atcgattcga attcggcacg aggagaggcc 60
atggcccgcc agaccgtant ctcagacaca gagctgagta ttgttgaatc atctgtgatc 120
agcttgctgc aggaggcaga aagtaaactc gaacttagtc agaacatctc tgcccgggaa 180
cattttgtat ttaccgatat tgatggccaa gtgtatcatc tcaactgtga aggaaactca 240
gtaaaagaca gtgctcggat tccaccagat ggaagtatgg gtagtattac ctgcatcgct 300
tggaagggtg atacattagt gcttggagat atggatggaa atttaaattt ctgggacttg 360
aaaggcagag tatccagagg aatacccaca caccgaagtt gggtagggaa gattcgtttt 420
gctcctggta aaggaaatca aaaattaata gcaatgtaca atgatggagc tgaagtgtgg 480
gatactaaag aggttcanat ggtgaacagt ttaagaagtg gcagaaatgt gacctttcgn 540
atattggatg tngactggtg tccgtcaaat aaagtgatct tggntcaga tgatgggtgc 600
atcaaaagtc ctanagatgt ctatgaagnc tgcgtgcttt anaatggatg aaccaagagt 660
taccgancc ttgntgggg cccctatct ccttgtnca agggcctntc ttgcttgaa 720
agcccttttt attacacc 738

```

```

<210> 2895
<211> 710
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(710)
<223> n = A,T,C or G

```

```

<400> 2895
gtttaagcag ctctngttct ttttgaggga tcccatcgat tcgaattcgg cacgagggga 60
cgtccangat caagaggcca gcagattcgg actccgctga gggctgtttc ccgatccata 120
gatggtgcct tctcgtgta tcctcaatgg tagaagcaca aacaagcaag ctccctcctg 180
cctcttttat aaggactcca accctgttca tgagggctct gccccatga cccaatcagc 240
tccaaaggcc ccacctccta atactgtcac cttgggggtg agaattccaa tgtgaatttg 300
cagggggagt gggggacaca cacaaatttc ggggccatac cacccttcac cacaccctcc 360
tgcgctcagg gtggcttgca gtccctggcc cttctgggtg gcatttggtg tgcctttct 420
cttggggtga tttctgatgt ttttactcta tatagtgaag agctaggag agcgggtctt 480
ctccccctc cctctccagt cccctcaca tccagatgg gttctaagc agctgctggg 540
gcctgatgcc ctgagttgtt tgtgattcaa taaagaatcc ataagaaaaa aanaantncn 600
tnnnnnnnnn nnnnnnnang naannnnnn nnnnnnnaan nggnnnnnnn annnntnaan 660
nnnnnnnnan nnnnnnnnnn ntntntnnnt nnnnnnnntn nntctcnncn 710

```

```

<210> 2896
<211> 702
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(702)
<223> n = A,T,C or G

```

```

<400> 2896
gtnatgttg natgctnttt gcaggatcca tcgattnggg aaccaggggc tgcagaaccn 60
gccntcccc aatgaggacc cccnttgagc gccctcccc atggagaaca ccaggagcca 120
cagaccccag accacagagc acacagggga gggcacgggg cggccggggc aggggtgtctg 180
ctgcctcggt tatgggattt gctccgctc tagcacactg ctgcctgcag tgcctctgtc 240
ccctgcagtg gctactctgg gcctacgggc ctaatcctgg ttggcatgaa aatgtcctga 300
ggctactgtg acaaatttcc acaagctgag tggcttaaag gaacacattt gttctcttac 360
agttgcaggg gccagaagag tctaaaaaca gtcagcaggg ctggttccnc ctgnaggctt 420
ataggggctg aatccggtnn ctgncttttn tagtatctgg agggcgctg catecnctng 480
cttatggccc ctttcatcac caaanccagt ngtgtnacat ctttccacct nttcctgacc 540
ctgacctncg ccctttctct taaaaggacc ntgtgtnact ttgggcctac ctanntnatt 600

```


taggggtat	ttt	antattttaag	gaaccctgna	ttttaatncc	actggcnagn	acctttttgcc	660
aggtnaagng	acaaattcca	aggggttttag	gatnaaaant	gg			702

<210> 2897
 <211> 709
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(709)
 <223> n = A,T,C or G

<400> 2897							
gtcaaagctg	ntctcgnatg	ctgcggaacc	tncatgnncn	agtgccttcc	gnaattgacc		60
cangctggga	gctattnaca	catgtccatg	tgggatanag	agngcatgan	agcncannan		120
cccancctgn	tggtnacact	tgctcatctg	aggncctnacc	tggatanacan	anacctaate		180
catggggacn	nnaancacct	aatgngctnn	tntgtaacca	tccnnntggg	tgaatnaccn		240
gaggncgagg	antngacnac	ctctgtgacc	cacnctggga	tnaannggtg	ctantataan		300
tcgntgctgg	cttgactcct	gtgcctaagt	gacccctcctg	ccttnactng	ngactagtna		360
ggactannng	ncnacaccgg	cacacntggc	taattgctta	aantcncann	ntntnnntg		420
ganacgggan	nntantgnn	acgncnangn	tggncatgaa	cttttggcct	taagcagacc		480
ttctgntgcg	gcctnntaaa	nngnnnggat	tgatccnctn	agncnnnncc	atggcncata		540
nnattancta	naggtttaat	nttaggtgan	tttnaccgta	tattgaaatg	cncaantctt		600
aactgccagc	cnttaaagaa	ntccnatnga	gatgtaatcc	atatactnta	gaaanntgtn		660
catanttcac	catgcnttat	ttgnagggtg	accanttcn	gggttattt			709

<210> 2898
 <211> 709
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(709)
 <223> n = A,T,C or G

<400> 2898							
ngttaagana	cagctctggt	ctttttgcag	gatccctcga	ttccgaattc	ggccccgaggg		60
ctattaaaaa	tgtaatcagt	gtgaaaattc	atgccatctg	aatcgtagca	gtatgtaagg		120
gatttgagtt	ccttacagaa	ttttctgtaa	tttagtactt	caagtgaatt	ataaatgtat		180
atacttctct	ctcacaaaag	tgtaggaga	aggaaaatct	taaataactag	cttgatttct		240
taattttaata	acaaaaaaca	attctcataa	catgtatcac	ctaactatgc	actttcactt		300
taaaagtcta	aagagttgag	gtttatttct	tttcttttaa	agttgatgtt	tatgttggtg		360
atttcgaaaa	gatcagatcc	cccgttatga	aggatcttaa	ccttgctctt	tagatctcca		420
tgagaaatgc	agtacatgta	gcattagcca	tatttctttt	ttagaggcct	atgtaggata		480
tttataacct	gtaaaagttt	gatgacttca	tgctcaggag	aaagcaagta	attacctagc		540
caagccaggt	gggtgttcag	gttagtggtg	aacagaaagg	agatgttgaa	agatttcata		600
tctaaagggt	aaaaacacan	gagaagtata	tagagataaa	catgtaaagt	ataagactgg		660
tacatagtaa	gctcctncga	agtggcagcc	attggtatta	tttttctgg			709

<210> 2899
 <211> 710
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(710)
 <223> n = A,T,C or G

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<400> 2899
tgtntatagc ggctctcnc tttttgcagg atccctcgat tcgaattcgg cacgagctct      60
caaatagaaa tgggagataa gaantatatc tgtgcaatat taaattgaaa aanggnaccc      120
ataaaaagtg tcaaaggcaa ataatttgct ctagatcaca aaactagtta gcacaaggct      180
aggattataa ccagggtcta ggaaaaaatc ctgaagggtga tttaactgag tgttagggcc      240
tgtcaagcca cctgctaagg ctcattggtc ttcagactag cttcaacatt ccaaatacagg      300
caatagctac aacggaaaga taattggacg ggggaatcctg agatcagagt cctagtttgg      360
ctttgtctct tgtagcagga ttttttaaat caggggcagc tctcttntcc catcccagcc      420
atgaatcttt caaccttagt ggtcaccaac ttgactccat tccttatatc aagccttgtc      480
ctgtcaattc tcccttaaat gttaagtgc atccatttct aaatatatcc atggccatca      540
ccctagttaa aagactatta cctnacaccc cgcnccttga tcttccccn ncttttaagt      600
gactcaattc cttatatnac tgcncnaaga ttaacancn tgtccatctt tcatttctct      660
gctgaaagat ntcanggggt cccctgantc caaatanng ttcgatccct      710

<210> 2900
<211> 708
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(708)
<223> n = A,T,C or G

<400> 2900
gntntcaag tgacangann agctctgggc cctcgattcg cagaaaacta gcaggttaca      60
ttttatagcc tattgtagtt ttattttacca aatgatattc tctaaatcac ttcgaccaat      120
aaatgtattc tctccttaa agcagagttg tatcaactct gtgggagcat ttatgagctg      180
tcagtcccca cacttctagc cagaatcaca ataaggctcg gctgggtgtg ggggtgctga      240
taggaaaggg tctctggaga agcaagaagg gcacaatcat ggcccactgc tcccccttc      300
ttctcagtcg tctttgccct ctctgctgct gtgcttctc ttcactccag tctgtatcct      360
cctgctctct ctggcagctt ccacctcacc cgcctctctt ccactactata accagtatgg      420
ttgggtgctg ggcattgact cagccccctt gctttctgca tttgtaatat atattaatat      480
gatttcttaa aacagaagat tttgttgctt tctttgaact tgtattgaaa accatacagt      540
ctcactgttt tgcttttaatt cctatccaca ctataaatgg aagaaaaaaa ttaatagctt      600
ctgtttaatc tgatgaatgt ggcttttttt ccttccactt taatgttcaa gaagttggng      660
gctatttcat agattcttct ggattaatct gggggtcctt ggtatctg      708

<210> 2901
<211> 709
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(709)
<223> n = A,T,C or G

<400> 2901
tttttacatc agctcttggt cttgcaggat cctcgattc gccgnattgg gctatggaat      60
tggaaggcct gttttggagt actctaaatt aaaaaaagt tatatttgta aaataaccac      120
cacaagattg cctgattcac agttcttctg agtattggcg taggtaatta ttaagatgt      180
ttgataaatt gtaaaatgct ttttacattt ttaaggaaat caattgaact actggaacc      240
agtatgtagt attcttgcca ggtctagggt tcataatcct aatttctttg cagcccacta      300
ttcagaaatg tagtgattaa cagagtcaag aatgtttcag gatatttttg gctacaagta      360
acaataccta actaaaagt acttaaataa taagcagttt gttatttcac agaatagaga      420
gctcagagcc agagagttac agggttgggt cagcagttca gtttcatcaa gaacataaga      480
cttgcttact ttaaagctcc tctgcatgtc agcagagggc tgccccatt ttagatacca      540
acatctggcc aaagaagagc agggaaatgct tctttaagta cttattaggg agcaaaactt      600
ccttaaaagt ctcataggag gtttttctt aggtctcatt ggatctcaat ggctcttgca      660
tctagaaaaa ggccacattc cttactctgg catttaagtt tttataccg      709

```

<210> 2902
 <211> 752
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(752)
 <223> n = A,T,C or G

<400> 2902
 ggctnnttnn cttgttnct ttntgganct nnctgatccc tcgattcgaa ttcggcacga 60
 gaggagatng ggacagagca tcctaagatt caggagnttt tnctagtcac agggagcngt 120
 gctattcaga ggccccaagg tnnganggag tttggntgt ccaaggaacg caagaaggtc 180
 antgcanctg angcanagta agtctgaang agagaggta gggctgagat canggaggtg 240
 gtctgaggcc cctctgaggg ggacctgata aanggggttg aattcattnt gaantgtaat 300
 angtccatat tagaagcana aactataaaa ggagttangc tgataaacct agggntcata 360
 acagcacgaa aaaggcaata gataatanga cacaagcaan aaaaaattca cgtgattaaa 420
 ataatacact tgcagagctt acaaagagaa atgtnagtna tccaggaaat ctantngcat 480
 ctaagncttc attcatctta ccagataaat gaaatgctna aatntnagtt gcttgcatat 540
 ntaacacaca gatattcttt tatatacaca cattcatgtc ataaancatg tgaangttat 600
 cnanaagaat tnanaatnct tgtgatgagc tttacttacc ataggtcata ttataatgat 660
 taatgagggc atttgaaatg tatttcacct atcttgagat ttgcaanatg ngatatgaaac 720
 atgtcatatc atnactatgc actntaaaag ag 752

<210> 2903
 <211> 757
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(757)
 <223> n = A,T,C or G

<400> 2903
 gtcttcttca agatgnancg ctttcgncn ttgcaggatc ccatcgattc gaattcggca 60
 cgagaccatt ttattttttg ggccattacc ctttaccctt tattgctgcc aaaaccacat 120
 gggctggggg ccagggtggt atggacagac acctccccct acccatatcc ctcccgtgtg 180
 tggttggaaa acttttgttt tttggggttt tttttttct gaataaaaaa gattctacta 240
 aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaactc gancctttaa 300
 aactntagn agtcgtatta cgtaaatcca gacntgataa gatncattga tgagtttgga 360
 caaaccncaa ctagaatgca gngaaaaaaa ngctttattt gnnaaatttg ggatgctatn 420
 gcttnattng tanccattnt aagctgcant aaacaagtta ncancancan tngcnttcat 480
 ttnatgtttn aggttcaggg ggaggtgtgg gaggtttttn aattcncggc cgcggngcca 540
 atgcattggg cccggtaccc annttttgn cccttnagtg aggggttaatt gcnccttgg 600
 cgtaatcatg gcatagctgt ttcctgngng aaattgttat ccgntcacia ttccacacia 660
 catacgaacc cgggagcata aagtgtaaaa ccctggggtg cctaattgagt gagctaactc 720
 acattaaatt gnggttgngc tnactggccg ctttcaa 757

<210> 2904
 <211> 750
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(750)
 <223> n = A,T,C or G

```

<400> 2904
cttanacaaa ntcntgtgac ttgctctttt tgcaggatcc catcgattcg ctcagattaa      60
gggtttgaaa aacaaaccga aaaagatggg cttntataaag ccagacttga ttgacgttga      120
cttaatcaga ggggtcaacat ttgccaaagc aaaacctgaa attccatgga catctctgac      180
tcggaagggg cttgttcgag ttgtattttt tccattgttc agcaattggg ggattcagggt      240
tacctcttta agaactcttg tttggctgtt actactttat ttcattgcaag ttatagcaat      300
tgtcttatat ttgatgatgc ctattgtgaa cataagttaa gtacttggac ccttgtgcct      360
tatgtacttc atgggaactg tccactgtca aattgtgtct actcagataa caagaccatc      420
aggaaacaat ggaaatcgaa gaagaagagt ttcgctcttg ttgccagggc tggagtgcga      480
tggcgcaatc tcggctcact gcaaccgata cctcctgagt tcaagcgatt ctctgcctc      540
agcctctcaa gtagctggga ttacctgcgt atgccaccac acccagctaa tttttttttt      600
tgaatttagt agagatggga tttcaccatg ttaatcangc tgatctagaa ctctgacct      660
cangtgatcc acccgctcg gtcttccaaa aggactgggg attacaggcg tgagccactg      720
gaccagccg ctaaactttt aataaggatt                                         750

```

<210> 2905

<211> 751

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(751)

<223> n = A,T,C or G

```

<400> 2905
cntnngnaga ncctntttga cnagcncttt ttgcaggatc ccacgattc gttttgccct      60
gctaaaatga tgcttagcct gaaaaatcgg attttnactt ctcaaattta tttttccaac      120
tcagtaatta aaaaaacatt tacttctcgc ctactgggtt gtggaatatt gtcaggatct      180
ctgggttcca ggtgagggat gcagaatgca gggaaagaca ggtccctgc cctccagaag      240
tcgggtggcg cttttcagag taacacacac tggagcagac ccttgaaaaa ggacagtcca      300
ctgggtggacc atgaccttgg tcaaaagagg gaccaggctc ggcttgctca ctgttttgca      360
cccaagaagt atttgctcag ggaatgaggg ggtagattc ctctcattc attaccattc      420
ttactaggca gaggcctcat tgggattaaa agacaggaat gtaactctct gccactgat      480
agggaatgtg tgtttgctct ttgtatccca ggggtgtgat acctctttcc tgtggtcact      540
ctgcacttaa gatatttttg ggctggcac ggtggctcac gcctgtagt ccaacatttt      600
gggacgcaa ngtgggcaga tcacgangtc aagagatcga gaccatnctg gncaacatgg      660
tgaaaccctg tctctactaa aaatccacag attanccagg cgtgggtggca agtgccctgt      720
aatccactt ctaggaaaaa ctgaggcagg a                                         751

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<210> 2906

<211> 753

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(753)

<223> n = A,T,C or G

```

<400> 2906
tttttaatcc ttgctcttgt tctttttgca ggatccctcg attcgcagag tcaacatgga      60
gcatctcact tgaaatgat ccatggattg aaggatatgg taaaatgttt atagtttact      120
ttgaaagtaa aatatactat gtcttggttt tgaggatatt ggatacaaaa ctctcttctt      180
ttagggctac tgagtcttga ttctgatca tcagaaatth caccagaaac aacttgcttc      240
caatataccc aattctatat gaagaattca tggagagtgt actggcactg gaagagttca      300
gtgtttcttg tatgcttgaa aataaagtat gtactgnttt gaatgtgaaa annnctatnt      360
aaananactc nagcctntag aactatagtg agtcgtatta cgtagatcca gacatgataa      420
gatncattga tgagtttgga caaaccacac tagaatgcag tgaaaaaaat gctgtatttg      480
cgaaatttgt gatgctatng ctttatttgt aaccattata agctgcaata aacaagttaa      540
caacaacaat tgcnttcatt ttatgttcan gttccaaggg gaggtgtggg aggttttcta      600

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atnagctgtc	nactatnccc	nttgcnnntnt	tatnncaccn	aatttttgn	tcntttnaan	660
anacctatt	tcnnggcntn	gccctanncn	nggtnnaa	tgcnttcccn	tnaannnatc	720
ntncttgntt	tggccttccn	anaatgcngg	gan			753

<210> 2907
 <211> 781
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(781)
 <223> n = A,T,C or G

<400> 2907						
gcntnnaaga	ccncttgga	aattcccctt	ttgcaggatc	ccatcgattc	gaattcggca	60
cgagcagcgg	cgaggtctgc	gggaggcatg	nttttttagct	nnggacgagc	gccggcgggg	120
ccccgcggca	ggggagcagc	tgcagcagca	acacgtctct	tgccaggtct	tccccgagcg	180
tctggcccag	gggaatcccc	agcaagggtt	cttctccagc	ttcttcacca	gcaaccagaa	240
gtgccagctt	aggctcctga	agacgctgga	gacaaatcca	tatgtcaaac	ttctgcttga	300
tgctatgaaa	cactcaggtt	gtgctgttaa	caaagataga	cacttttctt	gcgaagactg	360
taatggaaat	gtcagtggag	gttttgatgc	ttcaacatct	cagatagntt	tgtgccagaa	420
taatattccat	aatcaggccc	atatgaacag	agtggncaca	cacgagctta	ttcatgcatt	480
tgatcattgg	cgtgcccatg	ccgactggnt	accaacatca	gacatttggc	ccngctcaaa	540
ggttcngagc	tngctaaccn	tanngggaga	cngnnnaacn	tggncaaatg	anatancaa	600
ngccacattt	acggnncnan	aacaacacca	ccaaacttgg	ngngcgaana	nanannccct	660
ctttnnnatn	cnggnnnnnn	nngaacnnc	ancncaanna	anaagcctnn	anaangcncn	720
nnganccaan	nnnnnnnnaa	aannnnnnca	ancnncccn	nnncctnnnn	nnaaggancc	780
c						781

<210> 2908
 <211> 699
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(699)
 <223> n = A,T,C or G

<400> 2908						
ngttaagacc	tgctcttggt	ctttntgcag	gatcccatcg	attcgaanaa	ttttatggac	60
ttctatggat	atttcttgat	gcttagagat	ttgttttttt	aattgcaa	gtgaattggn	120
tatttacnaa	tgctattaca	tatggagcgg	gcctgtggtg	tatggcacta	ttccttggac	180
taatggatcc	cagggtccat	tctctgctca	gctcgggtgg	tctagacaaa	gcccctaaaa	240
tgctgtctgc	ttcagctctc	ttaatggtga	agtggaaatg	aatacctact	gtcacttaac	300
tcattggagat	gctggactga	taattagatc	atgtaatagc	actttgagct	gtattgaaaa	360
atatgttgtc	tcaaattaag	tagagtctat	ggttttgnaa	atataaatat	attgccagaa	420
aatacatcac	tgggggagca	aaacatgtag	accaaata	acagggatta	gnaacatcag	480
taaacatagt	tgggaaaaga	tggcactaaa	gaaagccaag	aagaaagtgt	tgctcttgtn	540
aaccaataaa	aaaaaaaaaa	aactcgagcc	tntanaacta	tantgagtcg	attacgtaga	600
tnngacatg	atnagatcat	tgtgagtttg	gacaaccaca	ctagaatgca	gtgaaaaaaa	660
tgctttattg	tgaaattgtg	atctatgctt	tattgtacc			699

<210> 2909
 <211> 729
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1)...(729)
 <223> n = A,T,C or G

<400> 2909
 ggatccnatn gcnggatccc atcgattcga anccccgcncg agtctaggcn tganccattg 60
 cncccanccc aggttttttaa tnnnaannnna ancntgctga gnntnnaang ngaaaagagg 120
 ccagntgtgg tggctnctgn ctgnggnccc agctnctccg gaggtggcg catgaggatc 180
 atttnggcc aggctgcaat gcaanggcac nnatcacggc tttctgcac cttnacntgc 240
 tgggcnggac acggagaccc tgtttatnaa ngatgaantg ctggagtacn caatngnata 300
 tgnnanataa ntncaactnt nntaaagnan ctgtatatnn aatgagtga agcanatntg 360
 gcanactgtt aatngtacat atattgaaac tatagctttn acacttcttt gaccacaacg 420
 ggtatatgta ncacttgata tgatgcacaa tnngtgcacc anntatatnt ntgtcttntg 480
 acntgggttt tgacnnagnt tcactntgcg tncagncttg angntgctac tnactgaaga 540
 tcggngnaaa atnntcnnct ncactggggn gattanaana tatactggng ttatcantgg 600
 aagaaangtt ntntacccaa annnntngaa ccctctttaa aaaggattgg nttnnagtaaa 660
 ttttaccgnt nggttcccct acnttntttn caggnttccn ttttggnng agttttnngn 720
 ccaaacccc 729

<210> 2910
 <211> 751
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(751)
 <223> n = A,T,C or G

<400> 2910
 ganggctctt gttctttttg caggatccca tcgattccta aatgttgaaa ttaactagac 60
 aaagtagttg aagtctgat gaaaagattg ttcagttctt cttctcctgt agctcagaac 120
 ctgtttggat catacattta aatgtagaaa tataaagctt ttagaagaaa acataggtga 180
 aaacctacaa gacaaaactt ggtgaagagt ttctccatgt gatgcaaaaa catgatccat 240
 agaagaaaga aatctgtaaa ttggacttta tcaaaattaa aaacatttgc tttgcaaaat 300
 gccctgttaa gatgatgaaa aaacaaaacta catactggga ggaaatactt gaaaactgct 360
 tatctgacaa aggactctta tctaggatat ataaaaacta aaaactcaat agtaaaaagg 420
 caaacagtcc aattagaaaa tgggcaaaag atattcattt cgccaaaaag gttatacgga 480
 tgtcagctga acacatgaaa agatgttcag catcactagc ccgtcagagg aaattgaaaa 540
 atgacatatt acccacacac ctattagaac agttggaact cttgcttgaa cccangaag 600
 tttaaagacc cggcctgnaa caaccaccan gccaaaggaa cttgtcttaa aaaaaaatt 660
 aaaaatttaa aaaaatttagc ggaccaatt ttggaaattg gcntgggcaa aaggaatttt 720
 tgaaagaaaa atcangaact tcttnantna c 751

<210> 2911
 <211> 720
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(720)
 <223> n = A,T,C or G

<400> 2911
 tgggnnnnnn ttntnnnnnt acangctact tgttcttttt gcaggatccc atcgattcga 60
 attcggcacg agaagatgtt tgattcttca gataactttt gaaatgtgct ataaagggcc 120
 tagtttaaaa ggaacttctt ttgaaaagca attaacagtt gataaagggt taaataaaaa 180
 ttatctagta aggaatttct tattggaatg taaacgtggg tctaatttta aatagacagt 240
 gatataaaga ataaaaagta aacagtgaaa ttgagtctc cagggaaaag gcagacctgt 300
 ttagtaaaaa aaggatgctt ttttcagtga tgtctttttt tgagtgcata tgtgtgtgac 360
 tcttgaagaa atccatgttc agatttatca gatgattgaa gtgggtgttc tgaataaaga 420

aagctgtgag	gcctgaggca	gtgacgtatc	aggaaacata	ttttattgga	gatttggaag	480
ctatagtaaa	acataatggc	aataagccaa	cttcccagtg	gtaaaccac	agtgggtggt	540
tagttactaa	cctcttgatg	accgaggagg	ttaataattg	gatattgcag	agcagcaata	600
tgtaacctgt	gtgtaatctc	anggcctca	ggttaacagt	ttcagtnaga	agctaagaga	660
acactgacaa	aatttagctt	accatgacta	gctgccagtt	ttatgtgggc	ctgtgttccc	720

<210> 2912

<211> 715

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(715)

<223> n = A,T,C or G

<400> 2912

gnnhtnnntt	ttnnatnnac	aggctacttg	ttctttttgc	aggatcccat	cgattcgaat	60
tcggcacgag	gtcagaatgg	ggaaagtggc	aggatgcagg	caaacatggt	cttaatttag	120
agacagatga	aggctcagga	ctttcctagg	cagataaaag	aagaaagaag	ctgctttttg	180
aaaagaggga	tcaagattag	gacaaaaagg	gagattcagc	catcagcaga	acccaaatga	240
gagcctacaa	agagacactg	tctactcaga	gtacatcttc	agacatccag	ggtcccaagc	300
tactgtgttt	actgttagcc	cttagccatt	gttaagtctt	actgctttat	aactcttctt	360
taagaatata	ttaatagtaa	aattacttac	tcctatata	acaacgaatc	cttaattatc	420
aaaaacattt	atagtcatca	cctcatgatt	cagtttgccc	ttctctagtc	caaatgaatt	480
gaagtaggaa	ttcataggac	cgttcctagt	gaagaaagat	tttagtgcta	tttaaagaaa	540
gtaaaaagta	tatttccttc	tgatagaaat	tttcattctg	ataatatttt	atttgnatct	600
ttttttaatg	tcatggcaag	aaatgcaagt	tgatgggcaa	gggacaatgg	ctnacacctg	660
taatcccaca	ctttgggang	ccnanatggg	ctgatcacct	gaggcaggag	ttccn	715

<210> 2913

<211> 705

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(705)

<223> n = A,T,C or G

<400> 2913

gtnnnnnnt	tntnnntana	caggctactt	gttctttttg	caggatccca	tcgattcgaa	60
ttcggcacga	gggcatctgg	actaatagtg	aaagagtggg	atagtgtgaa	actgcatgct	120
acagttatga	atacactatt	caggaaaagac	cccaatgttg	tttgagaact	tctacttttg	180
ctccctaaga	ctgaattcaa	ttcacatctc	tcagaggttc	accgtagaca	gctttggaaa	240
ctacgcttcc	tgtggacaaa	ttgacttctc	ctgaggttga	tcttggaag	cactagaaac	300
taaacatctt	caccaggtgc	tgaagaaaag	tgtcttcgtt	ttaattgcca	agcanggatg	360
tggacatttg	gatggtgact	tccttgggtg	gntccccata	gattcaccat	tgcctcta	420
ggtgtctaca	cccgtcatac	taccagctga	gatggtggtg	ggcataagga	gaatttgtgc	480
ctataccctt	agtggtctctg	gttttttctt	ttaattntta	aattgtcnta	aaatctcata	540
aaacatactg	ncttcacat	ttttaaagtg	cacagtttan	taaccgttac	tggtaatcct	600
tcataatgct	gtgtggcccg	nnancgccgn	catnttcata	ggcttctcac	ttggnaaaat	660
gggaactggc	ccattaacaa	gaattccact	cctccaaaaa	aaaaa		705

<210> 2914

<211> 714

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(714)
 <223> n = A,T,C or G

<400> 2914
 gttnnnnntt cnatatngac aggctacttg ttctttttgc aggatcccat cgattcgaat 60
 tcggcacgag aatatatcac atcatgtaat aagcctctca gagatgtagc attgagcaga 120
 ttaaggcctc atttatagaa gaattccacc ctggccatgt gggcctgaaa ctctggaggg 180
 ctttaacaat gtcttgaggt cattgtcatt taaagagatg actcantggt tttatttagt 240
 agaaaataat actaaataaa taatctccac agattatcca gaggggtaag ttgaaggatg 300
 ttgacagata actcagtaaa ttgcgtctca aatattaata agttttattct atgccagcac 360
 caaaaaatatt tcagagatgc ttttaggctt ctctcaagta tgcggaac agaaaaggat 420
 tatagaataa tttatagtag gcataaactt gcacaaaagc tcaaagtacc ttaagcaagc 480
 ttgttgcaat tattcttttg gagaactgga ttaagtaatt atttcttggt gcctctgact 540
 atttaacctc ctactaaact gccattgnt taaatgtctc ttatttagct ctgnttttat 600
 cactccttaa atttaatat ctcaaggcca aaattatagc antgatggtc angacatctt 660
 tgaagacaat tanattctga gaggataatt tatatgtana attaggaata ttcn 714

<210> 2915
 <211> 710
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(710)
 <223> n = A,T,C or G

<400> 2915
 tgtntatagc ggctctcntc tttttgcagg atccctcgat tcgaattcgg cacgagctct 60
 caaatagaaa tgggagataa gaantatatc tgtgcaatat taaattgaaa aanggnaccc 120
 ataaaaagtg tcaaaggcaa ataatttgct ctagatcaca aaactagtta gcacaaggct 180
 aggattataa ccagggtcta ggaaaaaatc ctgaaggatg tttaactgag tgtagggccc 240
 tgtcaagcca cctgctaagg ctcatggtct ttcagactag cttcaacatt ccaaatacagg 300
 caatagctac aacggaaaaga taattggacg gggaatcctg agatcagagt cctagtgttg 360
 cttgtctctt tgtagcagga ttttttaaat caggggcagc tctcttntcc catcccagcc 420
 atgaatcttt caaccttagt ggtcaccaac ttgactccat tccttatatc aagccttgct 480
 ctgtcaattc tcccttaaat gttaagttgc atccatttct aaatatatcc atggccatca 540
 ccctagtga aagactatta cctnacaccc cgcnccttga tcttccccn ncttttaagt 600
 gactcaattc cttatatnac tgccncaaga ttaacanccn tgtccatctt tcatttctct 660
 gctgaaagat ntcanggggt cccctganc caaatanngg ttcgatccct 710

<210> 2916
 <211> 717
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(717)
 <223> n = A,T,C or G

<400> 2916
 gngcncntt gtanangnta cagctacttg ttctttttgc aggatccctc gattngcagt 60
 cctctgcata aagctgagag atgcctacag ctgagagtga agcaaaagta aaaaccaaag 120
 ttcgctggga agaattgctt aagaccacac gtgatctaag gcgtgaaaag aaaaaactga 180
 agaaaaaact tgcaggtct gaagaaaaca tctcacctga cactattaga agcaatcttc 240
 actatatgaa agaaactaca agtgatgatc ccgacactat tagaagcaat cttccccata 300
 ttaaagaaac tacaagtgat gatgtaagt ctgctaacac taacaacctg aagaagagca 360
 cgagagtcac taaaaacaaa ttgaggaaca cacagttagc aactgaaaat cctaattggtg 420
 atgctagtgt agaggaagac anacaaggaa agccaaataa aaaggtgata aagacggngc 480
 cccagttgac tacacaagac ctgaaaccgg aaactcctga gaataagggt gattctcaca 540

ccagaaaaca	catncaaagc	ccagccaggc	gttgatcacc	anaaaagtga	gaaggcaant	600
ganggaagag	angagactgt	tttanaagaa	gattgaanaa	ttgntgcagc	cttttcantg	660
ncatgtnact	ngaagnaatg	ggcaaaggag	atttanaggg	gaattnnnaa	anancnc	717

<210> 2917

<211> 740

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(740)

<223> n = A,T,C or G

<400> 2917

attttatgct	tgctctgttc	tttntgcagg	atccctcgat	tcggctgggc	tagcagaaaa	60
acctcaggca	tctgtgagga	catgagttta	cacacgctga	gactcacaga	tncaaaaatg	120
caaccctaatt	ccaccctga	attgagggga	gtgcatagaa	gtgaatgtcc	cgtctttctg	180
aggtctgttg	attttgtaat	tagtaaacga	aggggtgcatt	tctgattttt	ttttcttctg	240
tgctagaatt	cattgctagt	aaaactcaag	ataatagcga	tgagtaggag	gtatcaaaga	300
tgaactgtag	agggacagtt	taagttactt	aagaatcgtc	agcaagatga	aatctacttt	360
tagcagaaat	tgggtttttt	tgtgtttttt	tgttttgttt	tattttctaa	aagtaaagtc	420
tgcacctgt	tcagcctgtt	agtggaggtc	tgagcaagta	aaagatgggt	tggtattataa	480
acttacaaac	acaggatggt	ctgtttctca	aacgggagaa	attaagaaga	gatgcttgta	540
ttcaggagac	ggcatagcta	ctcaaaatcc	ttgatattct	gctatgggta	gtcttgtcca	600
actgtgctat	gtgacctact	atggccttat	gangtaaatt	tagtatatgt	gtcactattt	660
gaaaatttac	atatagttat	acataatgna	tttaagnnc	nanngnacng	aancctnggn	720
gnnaanattn	gnncctnnn					740

<210> 2918

<211> 710

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(710)

<223> n = A,T,C or G

<400> 2918

cttnnaatnn	cagctntggc	tacttgttct	ttntgcagga	tcccatcgat	tcggteagat	60
ggtagaaaa	gaaatannta	aatagatacc	atntgagttc	tgggagccag	gtgaagaagt	120
gtttgtttgt	ttttgagacg	gagtcctact	ctgttaccca	gggtggagtg	cagtggcctg	180
atcttggcgc	actgcaacct	cgccttctg	ggctcaagt	attctcctgc	tccagcctcc	240
tgagtagctg	gggtacaga	cgtgtaccac	cacacctggc	tactttttgt	attttttagca	300
gagaggggat	ttcgccatgt	tggtcaggct	ggttttgaac	tcctgacctc	aggtgatctg	360
cccaccttg	cctctcaaag	tgctgggatt	acaagcgtga	gccactgtgc	ccggccanaa	420
ggagtgtttt	gagaatggct	aanagaagat	aggttgaata	gctatgccta	catgtcacta	480
attaacatct	cagagatctc	tgctacaggt	tgncgacctc	athtagtcta	atatttttcc	540
aatggcatga	gtataggaag	ataaacgggg	aatgttttga	agtaataaaa	aaattccatc	600
cataaagaag	aacaacatgt	attaagcttt	gtgcaccaa	caacacaaca	ggaagacaca	660
taaggcagaa	ccttttanaa	aaaaaannng	gnnnccaaa	nagcaggtnt		710

<210> 2919

<211> 710

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(710)

<223> n = A,T,C or G

<400> 2919

cttnnaatnn	cagctntggc	tacttgttct	ttntgcagga	tcccatcgat	tcggtcagat	60
ggtagaaaat	gaaatantta	aatagatacc	atntgagttc	tgggagccag	gtgaagaagt	120
gtttgtttgt	ttttgagacg	gagtcctact	ctgttaccga	ggttggagtg	cagtggcctg	180
atcttggcgc	actgcaacct	ccgccttctg	ggctcaagtg	attctcctgc	tccagcctcc	240
tgagtagctg	gggctacaga	cgtgtaccac	cacacctggc	tactttttgt	atttttagca	300
gagaggggat	ttcgccatgt	tggtcaggct	ggttttgaac	tcctgacctc	aggtgatctg	360
cccaccttgg	cctctcaaag	tgctgggatt	acaagcgtga	gccactgtgc	ccggccanaa	420
ggagtgtttt	gagaatggct	aanagaagat	aggttgaata	gctatgccta	catgtcacta	480
attaacatct	cagagatctc	tgctacaggt	tgncgacctc	athtagtcta	atatttttcc	540
aatggcatga	gtataggaag	ataaacgggg	aatgttttga	agtaataaaa	aaattccatc	600
cataaagaag	aacaacatgt	attaagcttt	gtgcacaaaa	caacacaaca	ggaagacaca	660
taaggcagaa	ccttttanaa	aaaaaannng	gnnnnccaaa	nagcaggtnt		710

<210> 2920

<211> 713

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(713)

<223> n = A,T,C or G

<400> 2920

gttnntngat	cagctcttgt	tcttttttga	ggatcccatc	gattngaatt	cggcacgagg	60
taccacatct	agatacgagg	tcagagttca	gatgcctaaa	tattgtagct	tgtgtttngt	120
ccactgttgg	gggaagagtg	aagagatttg	acataccata	atgttgatta	gcttgtgatg	180
gtttggcggc	agcttaggcc	agagcataaa	gtaaaaagga	aaagtgttca	cagacaatga	240
aaactgggac	caagtgggtg	atactcaagg	cacacagacc	angcaaggat	cccagtggcc	300
gtggatgagt	ctcaggctgg	ctctggggcca	ntggaacaca	cctcagtgtg	ggtgaaggcc	360
tagccagggt	agcanagggc	agggctacag	aacagcagcc	cangtggctg	tggccgacct	420
gacattctcc	tgtgaaaatc	angtgcccaa	ccagcactaa	cctagataga	tggcancatt	480
ttntttcttt	aangacagga	tcttgctatg	ttgctcaggc	tgactttgaa	ctcctgncct	540
taaaggatcc	tccctcttca	gcttnccaaa	ncactggggg	tacagatgtg	agcccttcaa	600
cgtnagtgcc	atngggctan	aancctaacc	ccncattgct	tgntgatcgt	nacgctcgna	660
atcnnntttna	taaacggntn	tncaancctt	gagcttttcc	gggttaagna	ann	713

<210> 2921

<211> 702

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(702)

<223> n = A,T,C or G

<400> 2921

gttactcctc	tnanatcagc	tacttganga	tccctcgatt	ngaattcngc	acgaggcgat	60
ttatttnaca	gagttaaagg	gccagtacac	ttnatgggat	aaaattatct	ttntcagggg	120
atgaaggcac	aaggagaaaa	ttacttgaag	cttgagatc	ttctctggca	agcaatttac	180
aaattctggg	gttcttngat	ctggctcccn	gccagacaaa	ccanggagtt	nttnatgttc	240
tatcctcatg	tggnnannact	atacgcaata	atngnncntn	ngccatanag	gagggatccg	300
atanntgaca	tngetntccn	ncanatatac	tnncnctgna	atgnnnctna	taatgcatnn	360
nnntnnattcc	tntctaggnt	acncnnantt	atatntnmtn	ggnaactcat	ttaacancaa	420
nttcacngca	ttcccntggg	gttacatata	cncnaagac	tatgctgana	ctgtgcacca	480
tgnetacatn	ngggaattgg	atgggggtgct	tnacggactn	ccttgatgac	aagnacttac	540
cagacgtttc	canccaanct	gacattgntg	naatgcatta	cncacntggg	gntncaantt	600

tactacacct cganaggacc gttcacnggn atttaacctn tcaaanatng ttcnnanggt
tacaaggctcc ccaattgttnn ganccttggg gctttgncaa cn

660
702

<210> 2922
<211> 708
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(708)
<223> n = A,T,C or G

<400> 2922
anacctnttta nmctngttct ttttgagga tcccatcgat tcgaattcgg caccaggtat 60
actttgacac tgagaacaaa gagacagtta tatctggaat gggagaatta cacctggaaa 120
tctatgctca gaggctggaa agagagtatg gctgtccttg tatcacagga aagccaaaag 180
ttgcctttcg agagaccatt actgcccctg tcccgtttga ctttacacat aaaaaacaat 240
caggtggtgc aggccagtat ggaaaagtaa taggtgtcct ggagcctctg gacccagagg 300
actacactaa attggaattt tcagatgaaa cattcggtatc aaatattcca aagcagtttg 360
tgctgtctgt agaaaagggg tttttagatg cctgcgagaa gggccctctt tctggtcaca 420
agctctctgg gctccggttt gtctgcaag atggagcaca ccacatggtt gattctaattg 480
aaatctcttt catccgagca ggagaagggtg ctcttaaaaca agccttggca aatgcaacat 540
tatgtattct tgaacctatt atggctgtgg aagttgtagc tccaaatgaa tttcagggac 600
aagtaattgc aggaattaac cgacgccatg gggtaatcac tgggcaagat ggagttgagg 660
actattttac actgtatgca gatgtccctc taaatgatat gttgggnt 708

<210> 2923
<211> 715
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(715)
<223> n = A,T,C or G

<400> 2923
gnnnntttct aatgcnnngc tnttntgcag gatcccatcg attcgctccc attcccggaa 60
ggaggagaca gttactgtct atcccgcaga cgtgggtgctc tttgaaggga tcctggggca 120
gaatgaggtg gactatcgcc agaagcaggt ggatcatcctg agccaggata gcttctaccg 180
tgtccttacc tcggagcaga aggccaaaagc cctgaagggc cagttcaact ttgaccaccc 240
ggatgccttt gacaatgaac tcattctcaa aacactcaaa gaaatcactg aagggaacac 300
agtccagatc cccgtgtatg actttgtctc ccattcccag gaggtacgag acctgttcca 360
gatgaagctt tttgtggata cagatgcgga caccgggctc tcacgcagag tattaagggg 420
catcagcgag agaggcaggg atcttgagca gattttatct cagtacatta cgttcgtcaa 480
gcctgccttt gaggaattct gcttgccaac aaagaagtat gctgatgtga tcatccctag 540
aggtgcagat aatctggtgg ccatcaacct catcgtgcag cacatccagg acatccctgaa 600
tggagggccc ttcaaacggc agaccaatgg ctgtctcaac ggctacaccc cttcacgcaa 660
gangcangca tcggagtnca gcagcaggcc gcattgaccc gtcttcatcg gaccc 715

<210> 2924
<211> 724
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(724)
<223> n = A,T,C or G

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<400> 2924
gggnctttan atctataggn tacaggctac ttgttctttt tgcaggatcc catccgatgc      60
gcaagtaaga aaacatggcg gctatccttc tctcacatcg aaaaggaaat tttgaacaat      120
catggaaaat ctnggncgtg ctgngaaaac anagaagaga aatgttgcag gaaagattgt      180
ttaanactaa tgaaatacct tttagaacag ctganagaaa ggtttaacng acaaaaaanca      240
tctggataaa tnnctcttct atcatgtgaa aactgccttc ttnacntat gtncccagna      300
ccctcaanac agtcagtng accanacnga nctggncctn tgctttgana actggatgac      360
attcttgntn nattgcctna ggtcagatnn acttgagaat tagttcatcc nnncttcaat      420
ctatcctctt gcagaattnt ttgacatnta cntcagcaat ntttgctnta ncanagnccn      480
atgtaggata tctatgacct nncanngttt gatgantncn tgcnnctgna tnnnncgaga      540
gatntcctaa cnatnncann nnntaanttc tgggtantgt caacagattg gaaaaagggg      600
ccaganctgt gncnaangg ttaaaancnc aggannagta ttttncgtaa acatgnaaan      660
gnttangact gttcatnnnt tgntcctccg aaantgggca cccnttntta ttnattccnc      720
tgcg                                     724

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<210> 2925
<211> 748
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(748)
<223> n = A,T,C or G

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<400> 2925
ggtttanttt aaatccntnc ncagctactt gttctttttg caggatccca tgcattcgaa      60
ttcggcacga gcggaccat cggagcgtaa cctggatctc cgcaggcctg gcggaggccg      120
gccacctgga ggggcattgc ttggttcgcg tgggtancaga ggagcttgag aatgttcgca      180
tcttaccaca tacagttctt tacatggctg attcagaaac tttcattagt ctggaagagt      240
gtcgtggcca taagagagca aggaaaagaa ctagtatgga aacagcactt gcccttgaga      300
agctattccc caaacaatgc caagtccttg ggattgtgac cccaggaatt gtagtgactc      360
caatgggatc angtagcaat cgacctcagg aaatagaaat tggagaatct ggttttgctt      420
tattattccc ttcaaattga aggaataaaa atncaaccct ttcattttat taaggatcca      480
aagaatttaa cattagaaa acatnaactt actgaagtag gtctttttaga taccctgaac      540
ttcgtgtggt cttgnctttg gttataattg ctgtaagggt ggagccagta attatctgca      600
gcaagtagtc acncttttca gtgatatgaa tatcatcttt ggcttggang ccantngaca      660
acctgncatt actgactttt tgaaaanaac cctctggata ttgatgcctc ggggtgtggt      720
ggactgncat ttagtggacc ccgaatcc                                     748

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<210> 2926
<211> 815
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(815)
<223> n = A,T,C or G

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<400> 2926
tnaatanagc tctngttctt tntgcaggat cccatcgatt cgaattcggc acgaggtctt      60
cctgtgcagg gtgcttttgg agccatcaga gaggaaccaa gggcaacatc ttttcttccc      120
aggcggtctt ctctgggtgc tttattctct tctttttctt tatttcgccc ccaccccat      180
cccctgcctt tntttttttt ttttgatag aaacagatcc atttcttggg aatcaaagca      240
catttgtttg gtcttctctc aaccctttgc atttgatttc taaacattcc ttcatatgcc      300
tttaatgaaa gccagcantt atcccatggg ccctacttga atttatctga ggcagctaca      360
gattgccctg caagatgagt ttttgagat aaatgaaata actggacaca cactcacaca      420
agtaacacca cagcagacct cggagtactg ctaagtgtac ctgtgtcaaa tccgcacang      480
actcaatata gcaattnatt cttgatgtat gcaatngccc attggaaatt atttttaaca      540
gagcnccact taattaattt ggaataggat tatataatat tagaatcttt ggggtatggg      600

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ncttttaacc	cttcttncca	tgggggaaac	ttnnntttccc	ttncctgaa	tggtnngaaa	660
ttgggacccat	ttttaaaaag	cctttgggtcc	cggtgnaacc	ttttggcatt	acccatttna	720
aaccgnangc	cnccaggnnt	tanagaaacc	ntgaaatttg	aagaaaaaaa	gggcccacat	780
nggncnttga	aattttttta	cccnatgggt	ggccc			815

<210> 2927
 <211> 756
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(756)
 <223> n = A,T,C or G

<400> 2927						
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attcgaattc	ggcacgagcc	aggcttgaag	ttatctctaa	tttagagggt	agggacagtg	120
acacaggaaa	gaggctctgt	gctttatatc	tggagatgtg	ggatcataaa	aacgtctttt	180
taatctgatg	atcattaaaa	caccgggtga	tgtggcacag	ctgctaatac	gaatacattt	240
ccatttctgc	ggggattgag	catgtcttcg	gaaccctctg	caatagcttt	agaaacaaac	300
gttcctttta	tcaggtgaga	aaactaccct	atggcatgcc	tccggatatg	tagttcttcc	360
tangctacaa	aatatcagag	gttaacttca	ggcaaaatga	tnaaactagc	agtagtattt	420
cctattacta	tctgcagntt	gcttcaaaat	ttcaaaaagg	tttcngaaaa	atcactaaat	480
acgaagggca	cacttcattc	atattattcca	aggaatctat	ttggtgccag	acattgcatg	540
gaattgtatg	gatttttaaa	atgaaatggg	ggctctctct	taagcagacc	atggcaagga	600
aacttgaaaa	ctccgacgca	tccangggac	gaagactnac	atttacatng	agatactact	660
cggtgattcac	aanacacgac	gtntccatga	cgctcgggtca	acacttgcat	ttttacctca	720
tgggattcng	gtcctctttc	atttaaaagg	cgnggc			756

<210> 2928
 <211> 712
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(712)
 <223> n = A,T,C or G

<400> 2928						
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cggcacgaga	ttgaactctg	aactttggaa	acctgaatcc	ttcaggaaaag	agtttggtga	120
gcaggaagta	gacctagtta	attgtaggac	caatgaaatc	atcacaggag	ccacagtagg	180
agacttcttg	gatggatttg	aagatgttcc	aaatcgtttg	aaaaatgaaa	aagaaccaat	240
ggtgttgaaa	cttaaggact	ggccaccagg	agaagatttt	agagatatga	tgccttccag	300
gtttgatgat	ctgatggcca	acattccact	gcccgagtac	acaaggcgag	atggcaaaact	360
gaatttggcc	tctaggctgc	caaactactt	tggtcggcca	gatctgggcc	ccaagatgta	420
taatgcttat	ggattaatca	ctcctgaaga	tcggaaatat	ggaacaacaa	atcttcactt	480
agatgtatct	gatgcantca	atgtcatggt	ctatgtggga	attnccaaaag	gacantgtga	540
gcaagaagaa	gaaagtcttt	aagaccattc	aagatggaga	ttctgacgaa	ctcacataaa	600
gcgattattg	aaggaaaagag	aaccnagcc	tgggcacata	tttctgcaag	gcacgagaaa	660
tagggatttt	taaaagnnta	gaaacagnca	aaaaccacna	ccatctatnt	ga	712

<210> 2929
 <211> 752
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1)...(752)
 <223> n = A,T,C or G

<400> 2929
 ngnanaacag nnttttnagat acagctcttg ttctttttgc aggatccctc gattcgaatt 60
 cggcacgagg ccaattccag gccctcctcc acgcagtgtg ccaccaacag acttctctca 120
 actgattgat tgtccagagt ttgtaccagg ccaagccttt tgctcacata cagagtctgc 180
 cccaaattct ccaagaattg gaagcccatt gagcccaaag aaaaacagtg aaacaagtat 240
 tcttcaagca atgtctagag gtttgtctac cagtttgctt gacttggact cagaaccttg 300
 gatagaagtt aaaaaaagac atcagccagc cccagtgaat ttgagggaat cagtgtctgt 360
 ccctgaaggg tcattaaatc agctatgttc ttcagaagaa ccagaacaag aagaacttga 420
 ttttttgttt gatgaagaga ttgaacaaat aggacgaaaa aacacattta ctgattggtc 480
 tgataatgat tcagattatg aaattgatga ccaagactta aacaagattt tgattgtaac 540
 tcagacacca ctttatgtga aaaaacatcg tggaggagat cgaacaggca cccacatgtc 600
 tcgggcaaaa atcacatctt gaacttgcta aagttatcaa tgatggctta tattattatg 660
 aacaggatct atgggtngga agaagattga aaccaaacc acnngccnta aaaggggcaa 720
 ttnccttgnga aacgcccttt ctcgntatga aa 752

<210> 2930
 <211> 751
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(751)
 <223> n = A,T,C or G

<400> 2930
 gagngnnntn ntttcnaatn acagctactt gttctttttg caggatccca tcgattcggt 60
 atagctgtgt cgggtctagca ttttctttga agcatatgga acatgttctg ctactcgaga 120
 taatgaacat ttccttctgc ctcaaggtag aatcagttta tgatcctggg agagcaagaa 180
 gcaaggagcc agcaagtctg gacacattcc anaggccacg aggggtttta tgcctgagt 240
 cctggattcc atccaagcca tgaggggttt tatgcccctag gcttaggttg tagtgcgcg 300
 gggcagcctt ccacccttaa gcacagaacc tgggtgtcca taggccacaa gaagttttaa 360
 actctggacc caggacatgt tccaaggctc ttttcatatt atgtcagact agcaagtctt 420
 gcctcagctt tntcccaac aattggactg atgggttgct ccaactggga caagcatcat 480
 gggttcttaa aacaaggccc tgaacaagca ccaaatatgt tctgtgcacc acactncact 540
 agcccttcaa ctataaacat gcataggagt cacctggggg ccttgctaaa taaaatgcaa 600
 cttctgattc aataagtctt aaacaggacc agaagattct gcgtctcttg gtgagttccc 660
 nagtgangca gacaatgccc agttcacaaa ctacatctt gagatacagn acctgggcca 720
 tttnggttcc caatgtgctt gataaccctg g 751

<210> 2931
 <211> 755
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(755)
 <223> n = A,T,C or G

<400> 2931
 agntgattcc nantgaaagc ccttgtcttt ntgcaggatc ccatcgattc gaattcggca 60
 cgagatggaa tgtgctgtcc accccctgtt cagtctcacc agtggggcct gccggctgga 120
 ttaccgcaga cccgagaaca ggagcttcta cctggccctc tacaagcaga tgagcttcct 180
 ggagaagcga ggtgcccgc gcacggcgct ggagtactgc aagctcatcc tgagtctcga 240
 gccgatgag gacccctct gcattgtgct gctcatcgac cacctggcct tgcgggcccg 300
 gaactacgag tacctgatcc gcctcttcca ggagtggag gctcatcgga acctgtccca 360
 gctccctaatt tttgccttct ctgttccact ggcgtatttc ctgctgagcc agcagacaga 420

cctccctgag	tgtgagcaga	gctctgccag	gcagaaggcc	tctctcctga	tacagcaggc	480
gctcaccatg	ttccctggag	tcctcctgcc	cctgctcgag	tcttgcaagt	tgcgccccga	540
cgccagcggt	tccagtcacc	gcttctttgg	acccaatgct	gaaataagcc	agccccctgc	600
cctgagccag	ctggtgaacc	tgtaccttgg	gangtcacac	tttctctggn	aagaacccgn	660
caccatgaac	tggtctggag	agaacgtnc	cganggtctg	caagcantgg	gatccccgga	720
cccagccgtg	ggaacctgtg	aagaaccggc	ggaag			755

<210> 2932
 <211> 849
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(849)
 <223> n = A,T,C or G

<400> 2932						
ananatcagc	tcttgttctt	tttgcaggat	cccatcgatt	cgaattcggc	acgagatgac	60
tgagtgtata	ccctagttaa	aatgatcagg	ggagacttaa	ctgaaagggg	taattgagct	120
agatttgaag	gatgaggagt	agcagactag	tcaaagaaag	ggagagaaga	acatacctaa	180
acatctgac	accagtact	gagaaagtta	tcaggatcaa	gtggaaagag	aaaggactag	240
cagagttaca	ggttagagaa	acaggtaaag	gtactatgg	acggcataat	agttgcatcc	300
catgttttgt	ctcttaagaa	cagttgcaaa	ctattgaagg	ttttaagct	gtgtgttggg	360
ccgggtgtgg	tggtctgtgc	ctgtaatccc	agcactttgg	gaggccgagg	cgggtggatc	420
acgangtcag	gagtttgaga	ccagcctggc	caatatggtg	aaatnccgtc	tctattaaaa	480
aattaaaaag	tagcccaggc	cgttgtggca	tgccccctgt	aagtcttcaa	ctatttttga	540
aaangcttga	ggcnagaaag	aaattcgctt	tggaaacccc	ggggaaagt	gaaagggttg	600
ccaantggaa	gcccnaaaaa	atcgngncc	acnttgcaat	ttcccaaacc	cttggggccg	660
aaccnaaanc	cnaggaaact	ttnggtnttt	aacaaaaaaa	nnaaaaaaaa	aaaggccctt	720
tttttngaaa	acttttttan	tnggaaggtg	cnntanttta	nccgttagna	ttcccccgga	780
ccattggatt	tanggnattc	ccantttgga	ttgaaaattt	ttngggaacc	caaaancccc	840
cccaaacnt						849

<210> 2933
 <211> 855
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(855)
 <223> n = A,T,C or G

<400> 2933						
ngngtganc	nnntttttat	ncanacaggc	tacttgttct	ttttgcagga	tcccatcgat	60
tcgctcaagt	aggtttttat	ttatttatta	ctttatttta	ttttatttta	ttattatttt	120
tttttgagac	agagtctcac	tctgtcaccc	aggctggagt	gcagtggccg	gatctcggct	180
cactacaagc	tctgctcct	gggttcacgc	cattctcctg	cctcaacctc	ccgagtagct	240
gggactacag	gcgcctgcca	ctgtgcccgg	ctaatttttt	gtatttttag	tagagacagg	300
gtttcccat	attagccagg	atggtctcga	tctcctgacc	ttgttatctg	cccgcctcga	360
cctcccaaa	tgctgggatt	acaggcgtga	gtcaccatgc	ccagcctcaa	gtaggttttt	420
aatgaatttc	ttatactttt	aaaatacaac	attatggcan	taaaagacta	ttccactnct	480
tttctaatt	ggagattgna	ttgatttttc	tagtggtaat	tttctggctc	atacctncag	540
taccaatggg	tgaaataggt	gggtttaaag	taggaaaatt	cttcgtncng	gttttccaaa	600
actttgcagg	aatnaaaggc	ccccctangt	ccatttttnc	cccattttaa	ggcnntantt	660
aagccttttt	nngggnggtg	ggnaagtttt	tttccaattc	tttgggcntt	caacttgggn	720
aanncccttn	aaacccttct	tttaaaagcc	ttcnaaagtg	ggaatccctt	ncccaancct	780
tttaaaactg	gccctggaaa	atnaantttt	gggggaacaa	attaagggcc	attggccacc	840
caaaccatg	gcccc					855

<210> 2934
 <211> 727
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(727)
 <223> n = A,T,C or G

<400> 2934
 nagttangnn gntttntann tctggttctt tntgcangat ccctcgattc gaattcggca 60
 cgagancgat taacactnct aaagngtcaa gngctngggt ntttnggctt agntgtgctg 120
 ccntcgnnga anncatntnt ggggnaatgg tgnatacac ctcnattana aatnagcaca 180
 tgatggntgg ncaccgtggc tcacgcctgt aatcccnnga ctttgggang ctnaggngnn 240
 nggatcacct gangtcnga ntttganacc agcctgncca acatgnngan acctcatccc 300
 ttctnnanat atanagaant agctngncat ggtggcgcac gcctgncntt nnagctactn 360
 aagacgctgn ngcaggagaa nctnttgaa ctagtagtg aaggttgcan tgagctnna 420
 tcncaccatt gcactccagc ctgngccnca agancgaanc tctgtcttat acatgcaaaa 480
 annaggaggt tggattactt gaggtcatgg atnnanata ntctgaccan catngtgaaa 540
 cnctatcnct ncttaaaatn ttaaattagc cnttcaggt gacctcacgc ntgnantccc 600
 atcttctggg gaggtcgang caggagaatt tctagacctg ggangnngag ttcagcngca 660
 nnacggccct ggatccacct gggcacaaaa cgaactntnc tcaaaaagaa attnaccctt 720
 aaacttn 727

<210> 2935
 <211> 759
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(759)
 <223> n = A,T,C or G

<400> 2935
 ngngggangc tnccttcagc tcttgttctt tntgcaggat cccatcgatt cgtctgggac 60
 caataatgtt ttaaaaatat attcatttga gattcagaaa acttgacat catttgctac 120
 tcctatcatc ttaacagtga agaaaactga ggcctagaga cattaagggg gttgcaggtc 180
 cagagacatg tctcaagaaa gcattgctgt taaaatgtgc agttcgtggg ttttcagtc 240
 atctcttaag aaaccaagtc aatcttcccc tcaggaaaaa gaaaagaagt agcaataagc 300
 aatttgtaa tatcactact tcttatcaag gtaaaaaatg cctcataatc aggcataccc 360
 atgggccttg tttcacaaaag gcactaagat gaggcaatgt aggtcccaaa aaacaaaaag 420
 acagtttttt ggagttgctg aggttgacaa ccttagtttt atacttttgt aataccagtg 480
 accttgaat tacaagcttg ggtttaagaa ctcaagggtt cattaagact cctggaaca 540
 ttctggaaaa ccagcttttag agtcttcatt gaactcaaat ctacagacca cagttaaatg 600
 agtgagtcaa aaagaacata agtttaaaga aatttaacca nggaaccaga tgtttctctt 660
 cacaccacac tgnnttaaca tccagtattc gtngaccttt ttctttcccc caccatcctn 720
 tggatttacc ttaggctttc caaaggcntt aatgaaant 759

<210> 2936
 <211> 843
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(843)
 <223> n = A,T,C or G

<400> 2936

tgnnnnnaatc	nctaatagcna	ggctacttgt	tctttntgca	ggatcccatc	gattgggaat	60
tcggcacgag	gctatttgtg	ttttgttgca	ctgttttttt	tgtttgtttg	tttgtttatt	120
tggttggtt	tttgagagg	gaaatggggg	tgaaatattt	ttttattgtt	gaatcatttt	180
gtgaatgtcc	ccctcaaaaa	aagctaattg	aatatttggc	ataaagggca	tttgggtggt	240
ttatttttgt	ttgaggggga	ttgtcagaaa	atcccttttc	tctcttacgt	ctaactgact	300
agggacaat	tgttgatatg	catagcattg	gaatacttgt	cattatatac	tcttacaat	360
aacacatgaa	gcaagaatga	ccaatattct	gataattggc	actggatcac	aaaatgtgat	420
aaaactttta	atgtataaaa	ctttatcaaa	taaantttat	tttccccttt	aaaatgtatt	480
ncttttagagg	cattactttt	ttaaaantat	tggtcaattc	ctgacatacg	atgtgaagg	540
tnacaagttg	gatttccnag	tattccaana	tnaanttcct	tgatttttca	attaaggcaa	600
aaacgtcaaa	atcccaaaan	ngntnnccna	taaacaaaa	nttgcnnntn	tttaaaaang	660
gnttngcct	tttaaatann	gaatcantta	attcntntat	nnngcntngn	nnttgnaaaa	720
attanccct	ntnnntannn	tnccctttnt	nttaaatttt	nnnggtngnn	ctggaaaaan	780
atnngncccc	ttgntannng	gcctccctng	gcnmttanag	aaaaacccaa	ctnntngggg	840
gcg						843

<210> 2937

<211> 766

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(766)

<223> n = A,T,C or G

<400> 2937

aggtnnntaa	tnttctatac	agctacttgc	tntttccgcn	ngatcccatc	gatnggaatt	60
cnncacagag	atgacctcca	atgtggccag	cgacgagatc	gcacagcacg	cgctgcagct	120
gaggcagggg	gctttggaga	tgagccgtaa	ccgtattgcc	gaaaacctgg	gggatgtcca	180
nataagtgc	aagatcacca	tctcaanaaa	cttcaangan	aatgtgattc	accctatcct	240
gaaagctnac	ttccngangg	atgagtntct	gggacggatc	aatgagatcg	tctacttcct	300
ccccttctgc	cactcggagc	tcattccaagt	atcnnaaaag	gaacttgaan	tnctgggncc	360
tnanaggcnc	ncnnnnggnc	aatnnnnatc	nnctcngtgn	cntnataaac	actgattctc	420
ngtntgataa	ntacgatana	cnatattcatt	ctgtntatcn	caaagangtg	ncaccanccc	480
tnttctcact	nttgantanc	tntggcngtc	tnttanggtg	atanagtgcg	ccctannaaa	540
ntcccattnn	tacttgaagc	atacnttttg	gcnnaaaaac	nagggttctg	ntatcaatag	600
ctcctaanag	tcnaaatnt	ncatttttaa	cnnnctgtta	naaatttttt	tcaagcnnnt	660
tantgannat	tcctaagtga	aaaccttttn	aaaaacnaaa	ccttttnaag	taaaaannat	720
tnttnnnntc	ttttcaaaaac	ntnttttnaa	cccaagnann	cnnct		766

<210> 2938

<211> 749

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(749)

<223> n = A,T,C or G

<400> 2938

ggngtgnntt	tnagatacag	ctacttgttc	tttttgcagg	atcccatcga	ttcgaattcg	60
gcacgagcaa	aggccgtcac	accaaggtca	ggccaggagc	ctaggctaaa	ggaaacttca	120
ccaccgggga	catcagctgc	tgtggccaga	gaagagaaca	tgaaagccca	catcccgtgc	180
ctgcagccac	ccactttgct	gtcacttccc	agctgaagtg	aggagggact	gttcagaaac	240
atcgaactga	gcaaggtctc	tgtctacctc	atggaaaaacc	tgatctggaa	atgacacttg	300
gaataaaaata	agattactct	tccattaaaa	ggaaatccac	ccaaaagaga	gaaatagtgg	360
tatatattcag	ttttacataa	taattttctag	agataagata	acccattgca	ttagttgatt	420
cagttaccaa	tttagctaag	tgtgagggag	aacatggggc	ttgacttttt	ttctttcaga	480
aatcaagtt	tgccatattg	aaaaatgctg	tcagctctgc	caccggttct	gtcattaatc	540

atgggaaaga gctgatcang ttttgattgt ttcttcagan gcacttttgt catgtaatgc	600
atatatttca attaaaaatat gcaggagaat gcaaagntaa taattnaggg aaaatnatna	660
agtgttgcca ttggctatta attactaaaa aaaaanaaaa aaaaactcga gcctntaaaa	720
ctatagttag tcgtattacg taanatccc	749

<210> 2939
 <211> 770
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(770)
 <223> n = A,T,C or G

<400> 2939	
cttattncat nnagctcttg ttctttttgc aggatcccat cgattcgaat tcggcacgag	60
gttgatttgg aaagcagtag tgtggacgaa ttgcgagaga agcttagtga aatcagtggg	120
attcctttgg atgatataga atttgctaag ggtagaggaa catttccctg tgatatttct	180
gtccttgata ttcatacaaga tttagactgg aatcctaaag tttctaccct gaatgtctgg	240
cctctttata tctgtgatga tgggtgcggtc atatttatag ggataaaaca gaagaattaa	300
tggaattgac agatgagcaa agaaatgaac tgatgaaaaa agaaagcagt cgactccaga	360
agactggaca tcgtgtaaca tactcacctc gtaaagagaa agcactaaaa atatatctgg	420
atggagcacc aaataaagat ctgactcaag actgactctg atagtgtagc attttccctg	480
ggggagtttt ggttttaatt agatggttca ctaccactgg gtagtgccat tttggccgga	540
catggttggg gtaaccacgt gacaccacac tgattggact gccctacacc aatcagaact	600
cagtgcccaa tggggccactg ttttgactcg gaatcatgtt gtgcactata gtcaaagtga	660
ctgtaaagtg gaaanggatg tgccaaaaaa ttaaaaaaaa ccnccaaaaa agcttccaaa	720
aaaaaacctt taaactatag tgagtcgtnt acntagatcc aacatgataa	770

<210> 2940
 <211> 904
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(904)
 <223> n = A,T,C or G

<400> 2940	
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ggcatgtcag ttgcctgaat ttgaaagttt tcacctgtat gttttggncg ataaaaataa	120
aaatgtaatt tataatatcg aatcagggtc gtatgttatg atcaattgct cagcaatttc	180
gggcagttgg tttgatggtt atgtagtaat gtancctgag agcagaaata cagagcctct	240
gggctagana aagtataaat ggcacccatg gctatgtagg gttcagctct tcagaaggaa	300
ctttcatttt tcattgtgac acatcgacta catgttggtan aagaacatag tttcannaat	360
tcttcngttt agaacataac gtttcctcaa aatatttcac tttcangcat tgggtanaaa	420
aagtncccat gtnattngac tangcnnatn tnccttataa aatangccan ttttctnnaa	480
cccanngata natancccca cgtttnttta actattttca ngtcatttta acantcnccc	540
tncattttct nnnnnccnnn ggnntaantt etcnanccta ttttncnnn canaaaacnnt	600
ncntttctna cctnaatcat attttcccac tnnncctnaa ctannnnana nancatntnn	660
attcnctcat ncnannnnnn ttggcatann ntttanacta taggcatnaa ctcnttcata	720
tnnatatnnt nctncaatnt acatnatntt ngnctanatn ttcacnntc tattctcnnn	780
nntcatnnnn taannnnntt ccnacnttan nnnntatcnn nnntanttgt tcntatanen	840
cntntatcnn tcnatantnn nmatntntan ntatcttanc ntatccanaa tncananaca	900
cgcc	904

<210> 2941
 <211> 771
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(771)

<223> n = A,T,C or G

<400> 2941

tncittcaann	nntgggtctcg	tctttccag	gatccctcga	ttcgaattcg	gcacgaggca	60
gaagccaatt	ccttgtagaa	agctgactgc	catcagtaat	ctcaatagaa	aagagatatg	120
ttttctggag	tcataaagga	attcaattcc	taggggtttt	gtttttgttt	ttgagatgta	180
atattgctct	gttgcccagg	ctggagtgc	gtggtatgat	ctcaccttac	tgcaaccacc	240
acttcctggg	ttcaagcgat	tctcctgcct	cagcctcccc	agtagctggg	attacaggca	300
ccagccacca	tgccctggcta	atTTTTTgt	atTTTTtagt	gagatgtggg	ttctccatgt	360
tggccaggct	gggtctcaaaa	tcctgacctc	aagtcactcg	ctggccttga	cctcacaag	420
tgctggccca	gccgagattt	gttttctaag	atactttgtg	tcatgaacag	ttcagtttag	480
tgatcatgaac	tattcacttc	atatttttct	tgnttaact	ggttaaattt	ttaaaatc	540
ttgtagtaac	tctttaaaat	gtatgtaaag	taaatggctg	cagaaagggt	ttttagagaa	600
tccctgcttc	catcagtaat	acagcaatat	tacccccaaa	aaaaaaaaatn	aaaaaaaaaaa	660
cttcgagccc	tnanaacta	tagnggagtc	cgtnttacgt	aaaatnccag	gacntgataa	720
ggantccatt	ggatganttt	gggacaancc	ncacttgnaa	tgcantggaa	a	771

<210> 2942

<211> 755

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(755)

<223> n = A,T,C or G

<400> 2942

ctnttaantn	ntcnttngn	ctacccttc	tttttgcagg	atccctcgat	tcgaattcgg	60
cacgaggtac	tttgagtgtt	tgggggttca	nnncacacat	gcaattttgc	ttaacaaaag	120
tattttataa	tacagtttca	tacagaatta	ccttaaaagg	gagtcttatg	ttttcaacta	180
cagatagtgt	taagggatca	tacagaagat	attgatgata	gttgaaatat	tcttagaagg	240
gggtgtgtatg	tctagctgtg	tctaccatgt	gtatgtattc	ttgacaagca	gtataaaata	300
cctgtgattt	ttctttacat	tagggataat	gcataaggaa	ttaatcttca	tatatattat	360
catccctaatt	gtagcagggg	gaagtattta	attgcccatt	atatgtattt	tacttatact	420
atgccagaga	ggaaactata	aagtaattac	acatgtaatc	ttgggttttt	cacatatgta	480
ggatttcatt	ttgagtaggt	tgaagaagaa	aaaaaatatt	taaatgaatt	gaattcctga	540
tgggtagta	tcaataagta	tttaaaagcc	agtattctaa	aaataataaa	gggtagggtc	600
atttttgagt	ttggttttct	tttgctattg	gtaattattc	aaattaaagt	gttcattggg	660
acctggtggc	cttaatgcat	ttattgnaga	cagcattgag	atgatgaaca	aggggttagc	720
aatagccaac	tctataataa	ttttgcctaa	atacc			755

<210> 2943

<211> 748

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(748)

<223> n = A,T,C or G

<400> 2943

ttnanntnat	nttgctattg	cntnttgcag	gatcccatcg	attcgaattc	ggcacgaggc	60
ctcatccatg	gatcaggagg	gcacgccagg	gagtaaccca	gttctgcccc	gcaagctaca	120
ccccactaac	tctgggccct	gtctgtgcta	tttaacattt	cattnanaca	ggagctcctg	180

ggaagaagct	tggtcagta	tncttggnag	atcacccctc	aaagnctccc	tcnggtatat	240
tctaagtgan	gacggatccc	atatatacct	cacttaggct	ttactctgct	ctgcaagcac	300
aggcaagacc	agctacatct	ttgnacgcca	cccctgggtc	ttagtaggcc	aagaacctca	360
gaaactggna	nggcactaag	agctgtattt	tagaaactgt	gttgaaatta	catttattca	420
gctttgatct	ggnggggccc	tgtacctggc	actgctacaa	gtgtttcaag	aaggtgcgaa	480
ngagatattt	ttacaggcaa	aatagantat	atttcctctn	cagnttcatt	tgactgcttg	540
tttaaaaaaa	aatatgaaag	atngtacaga	gagtncccat	atccccctcat	ctagttctcc	600
tntattaaca	tctgccatta	gtgnggtgta	tttgtcacaa	ttataaacc	catagtggtn	660
aaattattgn	tggcaaaaat	ccatacttca	ttcaaatctc	ctctggtnan	tcctaattggc	720
cttttntgct	attctangga	tcttatcc				748

<210> 2944
 <211> 784
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(784)
 <223> n = A,T,C or G

<400> 2944						
gtnnnnntng	tgtaatcgct	tggtcgcagg	atcccccgat	ggcgaattcg	gcacgagggtg	60
ttgctcaang	agcagaccg	actccntaag	gtcatcattg	aatgggcatn	atangtttga	120
anactgtcca	ananantang	ngtcaataca	tcaacnctt	tanntgcttg	atattgnnat	180
tgaanaacac	angnctcngn	ctagttcgcc	tganatgatg	tttaagatac	tccggaagga	240
gacananagt	tntgantgcy	gattaganac	cacngaagnn	acactnaagg	ancancatct	300
ccacctngna	actgnattnn	cngaccanaa	aagngaactg	gaccaaatgc	tctcaaaggt	360
gctggcagct	taanagcgtg	ttangactct	gcacgaagan	gacaggtnnt	ntgagagcct	420
ggnnannaca	ctctcccaaa	ctaaactgna	nctttcaaca	nangggancc	ccannttgg	480
ggagaaatca	ggtganctgt	tggcccttcc	acaaagangc	aaattctntg	agggcnagac	540
ttnanccctt	ttgcngaacc	agtncttgac	tgactaaatg	aaagcttttt	aagccagggtg	600
gcccancctt	aangaagcna	ctttttaatc	cancggaacc	ngcttgagan	aaaaccnttt	660
ttgacccaaa	accnggagaa	ccagctggcc	taccaaaagg	aaatgggccc	ccatttgaac	720
ttgggggtnc	ccangaacaa	nccttgnccg	ggncaaagcc	cnttggttga	aaggacctca	780
acct						784

<210> 2945
 <211> 765
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(765)
 <223> n = A,T,C or G

<400> 2945						
ttcaatgttn	ntnaaactct	ttggaancag	nctcccatcg	attcgaattc	ggcacgagaa	60
cagatagaga	cttggcttta	aaaaaaaagg	aaaagatttt	gaaacaaaaa	attagctggg	120
cctagtgggtg	tgtgcctgtg	ctcccagcta	cttgggaggc	tgaggtggga	ggatggcttg	180
agccctggag	ggttaggctg	cagtgaacca	tgattgtgcc	actgcgctcc	agcctgggtg	240
agagagcaag	actctgtctt	taataataat	aataataata	ataaagtgg	caggaagggga	300
cccccagggga	ggagcataaa	cctctccagt	ggctgtgatt	tgtcagtaag	gacatggggc	360
atctggcgga	caaatacccc	tacagcgata	gcattttccg	ggcattttgtg	ggtctcaagg	420
cgccctgctt	gccctcagtg	gatgctttgt	ccagcccgcga	ggcattttat	ccagcagaca	480
agcagaagca	gcagttttgt	cattcgagcc	ggcttccctg	ccatggtaca	ttacgtgagc	540
agggcggttg	ctgtgctgtg	ctctgtggag	atcacacgtg	agattcgaca	gcactcgctt	600
ctgcanctt	ctctttcctg	ggttctttta	agatgaagag	agaaccccg	anaggcgggg	660
cttgcgga	ggcncgtggga	aaaagnaattg	gaatnatggn	ctttaacaat	ggtgccccgt	720
gaactggaat	ggttctgant	ggcttgccag	aactcttgag	tcact		765

<210> 2946
 <211> 751
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(751)
 <223> n = A,T,C or G

```
<400> 2946
ancgtgnctt atnnacnctt tggagacact ccatcgattc gaattcggca cgaggctatt      60
ccgaatagcc ccaggtgatc cnttttacac canttttagc aatggaagtc agcacctctg      120
ctgggcccaag gccatgcttc cccagcctgt ggctgcgctc ctgctgtctc tccgggtctc      180
acctgggcgag gaggtcctc tggaggccag gacctgcctt gtgagggtgc ccttgtggga      240
gaggcgcttg cccaaacctg ctgttccccg ggggtcctt ggtggcccc aggactggag      300
ctctctgccc agagtgcctc tccccagagg ttaggactcc catgacctg tcccctgccc      360
actgtgacct ggggtttgca tggtttctt ctttctagt tgtggtgaaa tcatcacttg      420
tgtgtttcgt tnttctgtt ctctgctgat ttaccgatgt atttaagtga aagtaaaaaa      480
aggaaaaaaa gaaaaangnn naaaanannn cnnnnnaann nanaaaaaaa aaaaaactcg      540
agcctntana aactatagng agtcgaatta cgtaaatacca gacatgataa gatncattga      600
tgantttgga caaacncaa ctagaatgca nngaaaaaaa nctttatttg ggaaaatttg      660
ggangcctat ggcttatttg gaaccattta agctgcanaa aacaagttta ccacaacaat      720
tggcattcat ttnaggttca agttcanggg g                                751
```

<210> 2947
 <211> 750
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(750)
 <223> n = A,T,C or G

```
<400> 2947
ntnctttntg nnntnaaach ctttggtaag cancatccca tcgattcgaa ttccggcacc      60
gaagggcctt ccagatcgct ctgtgccacc tacctntncc gantttngnc ttncagatcg      120
tgctgtccca cctacctgna catntgccac agttggccct gggccaaccc cacgaagggc      180
ctgggcctaa ccccttgccc tggcccactt ncagaggggac cctggggcgt gtgccagctc      240
ccagacacta cctgggtagc tcangggagg aggtgggggt ccaggagggg gatccctctc      300
ccttggggct gcacctgtgg agggggatcc cgcctctaga actatagtga gtcgtattac      360
gtagatccag acatgataag atacattgat gagtttgga aaaccacaac tagaatgcac      420
tgaaaaaaat gctttatttg tgaaatttgt gatgctattg ctntatttgt aaccattata      480
agctgcaata aacaagttta caacaacaat tgcattcatt ttatgtttca ngttcacggg      540
gaggtgtggg aggtttttta attcgnggcc gngcgccna tgcattgggc ccggtaccca      600
acttttggtc cctttagtga nggttaattg cncgctggcg tantcatggn catagctggt      660
nctgtgngaa aanggtatnc gntcacaatn ncacacaaca tacgaccggg gagcataaat      720
gtaaacctgg ggtgctnatg agtgactacc                                750
```

<210> 2948
 <211> 757
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(757)
 <223> n = A,T,C or G

```

<400> 2948
ctatagacag ctacntgctt tttgcaggat cccatcgatt cgaattcggc acgagagatt      60
tcagtaaagc tcgttcggtt tgtttggtt tctttttacc tagttgctat agtgtctaca      120
gtctatactc aatacctata aaatgcagta agcatgtgtt acagaaagag gttctggtgg      180
gagagaaagg tgcgtgtgag acaggagaat tgtcttaagc atataaaaca tgtatgattc      240
cagaatttta gtatgttttg tataaaacta tttttcatta cggagactag aagtgaacag      300
agaattacac aagtgtgact atacaaattg naaaacagat actataatat ttccttttat      360
tttagtggtt tttagcttta ttacagattt ctatttttgt caaaacttca tggttccttt      420
caagatcttt tttgccaaaa cattttgata ctatagcatt gncatttgaa agtaagtgtt      480
ctanactata aaaccaatga acttctacat gagccctaca gacaggcatg tgtagaaggc      540
aattttatcaa acctattgca ctggcatgaa aagtgtgtat aataattttg ctagccccaa      600
agcaagctag ttttctttgc ttgcttcctt tcttttcntt ttttccttgc tnttnaagnn      660
ttgaancttt tttaaactg gttgaggaat tctctaggnn ggattccttt tgggcgtnat      720
ntaaaccccc ttcttttttg gtttctggaa naccggtg      757

```

<210> 2949

<211> 710

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(710)

<223> n = A,T,C or G

```

<400> 2949
ncgctnctaa cnnntggcgc tatgcttggc gctnganccc tnngtnnngna ntcggcncga      60
gggtnaagct tcattcantg tccattcacc cantactggt ttgattctan ggcctangaa      120
aataggactg agcaaagccc ttgtccagat ggaacttatg tnttanangg gaaaacacac      180
catatncagg tnnacagngt acnatcacga aangntaaat gtctatgaag aacattgtgc      240
agacggcgat ngngntanat agggnaaggt tnnnnangac agcatagctt gatgtacnag      300
cnagananac anatagngaa annctntcc atactaaggg aatgggaaat aangctnnnt      360
tttgcccttgn tgaccttcaa acatgagaat tgctanagct ctgtgccaaag gntnaagagt      420
ggaanacaat ntaagcttca gctacatcac ttacggccta taggccacac tgaactgtgc      480
nngnaaaact cannntgagc cangctcncn ncttaacata tttaaagggt ctntnctgtg      540
cgcngcaaga agacnacagg acaggtnacg ctntgtnncc acnnganntt gatnttgact      600
tcannngtac atattntggg ctnantntnn gantnaaaat gcgctatcnc ccataagtnt      660
ggantcntga ncatantgtn gggcntctgn cacaatgngt attatntcaa      710

```

<210> 2950

<211> 749

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(749)

<223> n = A,T,C or G

```

<400> 2950
ggntatgnng ctnntaaatat acagctctcg tngctctttt tgcaggatcc catcgattcg      60
aattcggcac gaggttaaaa gaataaaaaa ggaataattg aagccttcga gacatatggg      120
atactataaa gccaccacat atttgaatca tttgggtccc agaagacaga gaacaaaagg      180
attggaaaac tcatctattt ttttgttatt aaataataga tgaaaacttc ccaaacttat      240
caaatgattt agatatccag aaacaggagg ctccaagatc cgcaaacata tacaatgcaa      300
gaaagtcttc tccttggcac attatagtca aactatctaa agtcaaagac agaattctga      360
aaaaggcaag agaaaagtgc ctagtgcagt gtaaagaaaa ccttatcagg ctaatagtga      420
atctctcagc agaaacctta caagccagga aagaatgata cattcaaagt actgaatgaa      480
aaaaatgcta tccaagggat actatatcta gcaaaaatat tctttgtaac tgaaggagaa      540
ataaagtctt ccccgaaaat tgcttaaggg agtcctaate ctgggagcaa aatgactaca      600
tttaccatca tgaaaaactta tgaatgtgta aaacctgcta atnaagcaat ccacanagga      660

```

ataagggaaa gtaattaaat ggtcctgtac nggaaaacca ccaaaccaaa attggaanna
nancttngga aaaaaactcg gcctttaaa

720
749

<210> 2951
<211> 748
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(748)
<223> n = A,T,C or G

<400> 2951	
gnnnngnnnn nnnnnntttn atanatacag gctacttggt ctttttgcag ggatcccatc	60
gattcgccct gccctgggtc tggccggcgg aagctctgtc caaggtccac acacctccag	120
gtttacgcca acatccttgt gccctcccca ctttctcttc caacgcatta ggtgcattgt	180
ttaattgaaa tccaaccaac aattgtgtgt caaggctggt ttggtgcagt ggctgggcaa	240
attaattttg ggcaggatg ggggtgggtt gcagtgggg tagggaaaat gtcaggagta	300
ggaaggttcg ggggttaagg gaagggaagg aagaccagaa ctggccatcc tcttttataa	360
tccattagta gcaccatggc tcatttgaaa tgaaaatatt acacttatc cccacccaac	420
cgnagtgaac tttctagta attgttttga aaacaatttt tgtatctgtg aaagtctttg	480
ctttntcttt ccaccttcta gaaaagtctg ctaccagttt ccttactgaa tacagccata	540
ctcagccct ctcgcatcca gcccgtcagg gtcanggtca nggtcangct tctnaagac	600
tagcaccgca ttgtctgccc tcttttgcgt aggatttttc tctnaaccga ngggacattg	660
ccttgactt tctctacaaa tgcccttaga tgtagaaca caaatgattc tgnntgtgga	720
actctggctt tttgcctatt tnccttttn	748

<210> 2952
<211> 749
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(749)
<223> n = A,T,C or G

<400> 2952	
gnnntggnnn nnnnnntttt atanatacag gctacttggt ctttttgcag gatcccatcg	60
attcgcccaa gctcagtttt tcgccttgaa tatgaagatg ctagaaagag ctctgcattt	120
aagcagagcc ttgtgcaatt cccggaccaa atgctgaaac tgcaagagtg ccctttaaaa	180
gaccttctta ggcatgtgac ttgttctcta ccagaacctt tgggcaacat gaaggaagtc	240
aaaggcattt actggcttgc ttgttctgac tgcacagcac ctgacctca accagcgtgt	300
ttgctcctgc ttcagtcaac tttatatgct ttggtcctgt cagataatct cggtcaatg	360
agcatttttc atgctctacc tctctctggt ctacaggaga ttcagattgg ctttgggtgga	420
cagagtgttc gattcctgag ctctgcagag ggtcttctgc tcaactgtatt cagttacaac	480
aaatacctct ctcaacagct gtgtcgtgac ctctgtgtg tccctgatgcc anacctgatg	540
cccgtgcct gcgctaata tcccttgctc cacaagatct ggttcacttt ctcttgattg	600
gaaaacagaa atccctgatt tantttttgc caaatgggag ttcangtgc atccaaattc	660
canactaccc ttgggtgaca tgattacttt ntatcatggaa atatggaagt caatgtccct	720
tccctggcaa aagttcannt actggtntn	749

<210> 2953
<211> 762
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(762)

<223> n = A,T,C or G

<400> 2953

ttaatanaca	gctcttgttc	tttttgcagg	atcccatcga	ttcggagaac	tagtcaataa	60
ggaacaggat	caacggccac	tccacccagt	ggcaaatcca	catgcagaaa	tctccaccaa	120
ggttccagcc	tccaaagtga	aagacgccgt	ggaacagcaa	ggggaggtga	agaagaataa	180
aagagaaaaga	aaggaagaac	ggcagaagaa	aaggaaaaga	gaaaagaaag	aactaaagtt	240
agaaaaccac	caggaaaact	caaggaatca	gaagcctaag	aagcgcaaaa	agggacagga	300
ggctgacctt	gaggctggtg	gggaggaagt	ccctgaggcc	aatggctctg	cagggaagag	360
gagcaagaag	aagaagcagc	gcaaggacag	cgccagtga	gaagaggcac	gcgtgggcgc	420
anggaagagg	aagcggaggc	actcggaa	tgaaacagat	tctaagaaga	aaaagatgaa	480
gctcccagag	catcctgagg	gcggaaga	agaagacgat	gaggctctgc	aaaaggtaaa	540
ttcaactgga	agggaaactat	taaagcaatt	ctgaaacagg	ccccagacaa	tgaaattacc	600
atcaaaaagc	ttaaggaaaa	aggttttttag	ctcagtactt	ccccagtga	cagattgagc	660
cattaccaga	ttcccgaag	anggaacttc	ctgggtccat	tnttttacca	nggaaaaatt	720
cngccaagga	acccttaacc	ntttaagttt	ntttaangg	cn		762

<210> 2954

<211> 761

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(761)

<223> n = A,T,C or G

<400> 2954

ngnnggnnnn	nnnnttttna	atntcangct	acttgttctt	tttgcaggat	cccatcgatt	60
ngaattcggc	acgagatcac	cttggagctc	cttgagtga	ttctgatcaa	gccattacac	120
tcttttcatg	tagacctgcc	tgtaagtgt	gacatgcaca	ctcagctgac	cttactgttc	180
aaaagctgga	gaaaaagaaa	cagctttcat	acagtgcaca	ctgtctacgt	ctatgtaaaa	240
gaatttgaga	aacatggcag	tagccattgc	taattaatct	gggtatgtgt	aaatagttaa	300
acttgatttt	tgactctggt	gtttggatct	atttttaagat	cgatggagtt	aattgcttca	360
tgacagtctt	tatgaaacat	gcttttttat	atccttgtgc	caatgttttg	tttacagatc	420
tttcaaaatg	aattcactct	gagaaataat	gaaatgacaa	ttgtgtggca	catgttaggc	480
gttagataaa	ttgggagttc	tcttcttttg	taagattagc	tttaaatacca	caattaattt	540
cagtttaggag	agaataagca	tccataacct	atctctttta	ccctgattac	aactagatac	600
ccccggacag	aagacaaagc	aaccacccaa	agacttctga	aaaggtagat	agtagccagg	660
cagactgggg	aagaagaaat	tnaaaaccct	gaacaccaat	tttggcantg	aggtttacct	720
gggtttaata	tatttctncc	caaaacttgg	ctcaanaanc	g		761

<210> 2955

<211> 854

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(854)

<223> n = A,T,C or G

<400> 2955

ggtgnnggga	aaacnggctt	ttatacatat	aggtactctg	ttctttttgc	aggnatccca	60
tcgattnggc	ctcagagtct	ctgatcaagc	agattccacg	aatcctcggc	ccagggttaa	120
ataaggcagg	aaagttccgt	tccctgtcta	cacacaacga	aaacatgggtg	gccaaagtgg	180
atgaggtgaa	gtccacaatc	aagttccaaa	tgaagaaggt	gagtgggtct	ggcgggttgc	240
tatgggtgaa	ggtgttgcca	gggtctaaat	cttatccaa	tctctaaata	tgccagtaag	300
agcaccaccc	aggattgaaa	cttttggagt	aaccctggtc	ttggcccggg	tccaagtacc	360
tgctcaccag	gccactgggg	gaggaaggac	angccnatct	gctatttggn	caccaacctg	420
acttgatcct	ctcttccctc	tcccangngt	tatgtcttgg	ntgtaactga	tggnacgcgn	480

aagatgacag	acnatnanct	tgtgtttaac	natnnanacn	tggttggtaa	cttcttggn	540
ntcattgttt	aantanacna	nttggnnnnn	aangttccng	gnntttatnt	tattnaantn	600
aacctnatt	gttccnatac	cccnaanngn	cnntttttat	tannnnngnn	ccnttntnnn	660
attaaaatnn	nttttttacc	nnnattannn	nnnanntann	nnnnnaata	nnnctntng	720
naagnnatnn	ttngaacnnn	ttnnnnnnan	ttnnnnnnnn	taannnnnnn	ntaatctcnn	780
nanatttggn	ntnngtann	nnctttttgt	nnnnacnttn	nngnntnnnn	annncnnng	840
tannnnnnna	tccc					854

<210> 2956
 <211> 751
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(751)
 <223> n = A,T,C or G.

<400> 2956						60
tttnncngac	nctnttnaac	tccctgcagg	atccctcgat	tcgaattcgg	cacgagcaca	120
agaaaatgaa	attaaaaaat	aaatcaagct	ttcatatgct	caactncatt	ggaccactgc	180
aatcctgggtg	acatattgctg	ggctgaagaa	accattggn	tatagtcttc	ctgtcactgg	240
agatatgtgt	ggtagagaaag	agaaatggcc	acnttgcaat	ancagtggga	agcaaagtca	300
gaaagcacc	agnaaagggg	aagatctagg	tgacagaggc	catctactct	tntggattca	360
tntggttctg	gcacacagag	aatggagctt	ttgnggcaat	aatttctcta	ctgatgtgag	420
caagnatact	tctttctana	attagcaaat	tattgctaac	tatttgtaag	ctaaaatnta	480
aaatnagngt	ttaatgtaaa	atttcaaaac	agaagggata	atncatggnt	cctatacatc	540
ccataggtag	taatgcattg	agctaggctg	tggnactctc	ctcagtgtga	tttgtgttca	600
cataagntct	tanttggngt	tgnaactgnta	ttattaaatn	tcaagtntga	cantaangcc	660
acagcangac	tttagagctc	naagacattn	gtnacacaan	cttnntggca	acttttttca	720
aaacnttgna	cacttttatng	ggnnnnaaac	ttncctnttt	tnnnaaacca	gatcnttggg	751
gcntcaanct	ntttgaancc	gnanntgcnn	t			

<210> 2957
 <211> 773
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(773)
 <223> n = A,T,C or G

<400> 2957						60
ncgaaagncc	aangccggac	nggacgggaa	caccctccca	tcgatngcga	anncggcacg	120
aggaatcttc	cttaaagncc	agagcctccc	ttantntgga	nttttgcct	gccaagcct	180
tctcgcgggg	agggaaactcc	ttctgtctgc	cgctggnac	atccctgagg	gagaaggtct	240
gtgagctgag	cccacatcac	tcgntctgct	gccangtgg	gcttccatct	tactgagga	300
aaagncattn	ngaactcccc	ggcgactgca	aattaagtaa	tcaaggacag	atgggactgg	360
gtngaccatt	ccaaggagta	cagntactgg	aagaatctgg	aagcaatacc	gagcacatct	420
gntggcatna	atccattgga	gcaataatgc	tggaactaga	aagnatgtcg	cntttttaaa	480
aaaacatcat	cannnctgag	catacgtagc	aagngaactc	taacttgga	cggangataa	540
attcntctaa	aaaacaagag	aaaaaacctt	ncagacaaaa	ttatgcancg	agagctttaa	600
aaaatatana	tcccacagca	tnagggaata	cactttgntc	ggcnatgccc	acngnactcc	660
anccctgggc	cgacagaacc	gaggactccc	ggncccaaaa	aaaaaannan	naagaaagac	720
nngcattaaa	gggagaaacc	agncnggncc	nggcnagaa	aaaacnanaa	nanggcaaag	773
aaggcannnn	ttnaaaanna	ntnnaaagac	caaagcagnc	anagganaaa	acc	

<210> 2958
 <211> 639
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(639)

<223> n = A,T,C or G

<400> 2958

gannttcnac	taatngcttg	gntctcgttc	tntatgcagg	atccctcgat	tcgaattcng	60
cacgagaagg	cctgtgcng	aggggttgcc	cagttgggag	ccngngtcnt	cctcatcagc	120
ntatcccat	gtcctctatg	cccctaant	gcttntcat	nttgagggn	ttggggagaa	180
gttggnngtg	ccacccccc	atccctgng	aggtgttcac	ccagtctgag	anccggnagc	240
actnaggcag	ggcctgatac	tggaacctgn	tgagctnana	nctcnntgnt	ngnaanganc	300
tgagacngcn	gancantgct	cacttgcatn	gagagccac	cananagctg	acacctgcgg	360
ctnngtncg	natcatctnc	nacntagaan	tctacatain	gctgacttac	nncnnnagcc	420
caagggaaac	agattccanc	tatcaaaactn	ctgattange	cnaancctct	attgtnaaca	480
ggttntggcg	caactgttca	tcacnactna	tgcntcgaan	agatgtgaaa	tgnaaaatgc	540
natntctatg	tntctttact	catttgataa	tntttnnnat	gtctgcattc	naaatgcgtg	600
anctttgncc	aaagcnnnta	gctacctntt	nttcgcct			639

<210> 2959

<211> 761

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(761)

<223> n = A,T,C or G

<400> 2959

nnnttcncaa	tncnaggcta	cttggttcttt	ntgcaggatc	ccatcgattc	gaattcggca	60
cgagaaatca	gttnttaaac	tttatgtata	tattntagcc	agagcttaac	gttttatgaa	120
gataaaggac	atgaagntta	acaatggaca	acngntanmt	cagctaattg	tgagggtcaag	180
naattgnaag	acatacggga	aggctttgtt	ccacaatatt	atatggacca	ctgaacaaga	240
atgacagccc	tttggttatca	cttggcatat	gaaaagtgtt	gtgtgcatag	gttgngtnaa	300
ttntntnatgt	gcntaaaaat	gngatnttaa	nttatatgct	ctgaangata	atncagggtta	360
tagttaaaaa	tgtacaatgt	gccanntcan	mntatntnac	cctagccctc	aaattattct	420
gattaagggt	aaaatgtgct	ggcttacngt	gcttnancct	gaggccttct	gatnggntct	480
tggnnacaga	nttttaaaagt	aagggtgtgan	ttnggcaact	cntgtgctnt	atntataaag	540
atatnaanta	atnncatgtn	ctgatatttg	aaaagaattt	nccacaaaat	gtgttatttt	600
aaaancnadc	aaagctagct	acangctnaa	naggctcagt	tcttctntaca	taatcggmnt	660
aaanattnta	aggntattata	anaattgtaa	attactgcc	aattgggtaa	aaaanggggg	720
tatacatgca	annaataana	ctcnagccct	ttataacttt	n		761

<210> 2960

<211> 857

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(857)

<223> n = A,T,C or G

<400> 2960

nttctnact	naagcncctt	gcaacttcc	ctttntgcag	gatcccatcg	attcgaattc	60
ggcacgagga	tagctatctg	acttctcaac	tatgttttaa	gcagatgttg	taaatcctat	120
gctgtagttc	atgaatctat	atgacatgtg	gggtcgggaa	catagtaccc	taccataagt	180
caggttattc	ctactattct	gcaacatgta	aataacactt	tgaacagagc	aagtggtaaa	240
gattgcttaa	tttttgcacg	actattatga	taaatatgtt	gagaaggacc	agctcaaagg	300

aaaacctctt	ggtaactngg	catangttaa	atgtttccca	agaaagtgca	ctcttcccaa	360
ataaagcttn	ctccttgaaa	aanaaacgnc	caggtagcca	nnntnaanng	atgnaaangc	420
aaaaaacnan	anacacaang	ctngctncag	gnanngnnnc	tgngctgact	nttgnggagc	480
cncangnct	acggntaacc	tgncngctta	cnttgaatgn	nactgtgncc	cttgannnng	540
gaacngaaac	cccntcncaa	tcctgaaagn	gtcntgnaag	gtnnaccctn	gnaaaaatgn	600
aactnccnnn	ccaaannntt	ccngcnnaaa	nnanggnntt	gnccccnnnn	cnntantngn	660
ccngnnnncc	aatntcctan	nnncntangg	tntnacnccc	cnntnaaana	gattttggnn	720
aagggnnttc	ccatnaacnc	cnngncccca	annccnggna	nannnaaanc	cttnnccnga	780
atnnnnnggc	ctntatcggc	cccctttaaa	attnncgggn	nnaaaaaaca	annccctngn	840
nnnnnnntaa	aantag					857

<210> 2961

<211> 857

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(857)

<223> n = A,T,C or G

<400> 2961

nttcntnact	naagcncttt	gcaacttctt	ctttntgcag	gatcccatcg	attcgaattc	60
ggcacgagga	tagctatctg	acttctcaac	tatgttttaa	gcagatgttg	taaatacctat	120
gctgtagttc	atgaatctat	atgacatgtg	gggtcgggaa	catagtacc	taccataagt	180
caggttattc	ctactattct	gcaacatgta	aataacactt	tgaacagagc	aagtggtaaa	240
gattgcttaa	tttttgcatg	actattatga	taaatatgtt	gagaaggacc	agctcaaagg	300
aaaacctctt	ggtaactngg	catangttaa	atgtttccca	agaaagtgca	ctcttcccaa	360
ataaagcttn	ctccttgaaa	aanaaacgnc	caggtagcca	nnntnaanng	atgnaaangc	420
aaaaaacnan	anacacaang	ctngctncag	gnanngnnnc	tgngctgact	nttgnggagc	480
cncangnct	acggntaacc	tgncngctta	cnttgaatgn	nactgtgncc	cttgannnng	540
gaacngaaac	cccntcncaa	tcctgaaagn	gtcntgnaag	gtnnaccctn	gnaaaaatgn	600
aactnccnnn	ccaaannntt	ccngcnnaaa	nnanggnntt	gnccccnnnn	cnntantngn	660
ccngnnnncc	aatntcctan	nnncntangg	tntnacnccc	cnntnaaana	gattttggnn	720
aagggnnttc	ccatnaacnc	cnngncccca	annccnggna	nannnaaanc	cttnnccnga	780
atnnnnnggc	ctntatcggc	cccctttaaa	attnncgggn	nnaaaaaaca	annccctngn	840
nnnnnnntaa	aantag					857

<210> 2962

<211> 746

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(746)

<223> n = A,T,C or G

<400> 2962

gnnnnttnna	atnnnagctc	ttgttctttt	tgcaggatcc	catcgattcg	aattcggcac	60
gaggccctgt	gttaatccag	gtgagaacag	gtagtacc	aattagggca	tggtagcagg	120
gatgcagagg	aaagaagagg	agtangaact	atttgggagg	tagtattact	aggatttttag	180
ctttgaagg	ttgagagaaa	tgtcaagcct	aactacaagc	aaggtttcta	gtatcagnaa	240
cttcatatca	tttgaaatac	aaanattanc	aatcaatgta	aaaaacgtcc	tggtgctaagc	300
atagcatgaa	gtctgacttc	agtgtagcat	tgaggagggt	cctggcctca	natactgcac	360
cagntgttng	ntcagctntg	ggcnanaaca	ttagnacgat	cattaggnat	ttttgtccct	420
tnntgcattg	tccttcgtca	tatatattt	aaacacctac	tgtatcctag	gcagtatttn	480
ccagggatgc	aaagatnaat	tagatctggt	ngcttttctt	canagtctga	agttaagtgt	540
cangtttgtg	gggaangtta	ttctngcctt	gtgtatttag	tcccaactta	agctntaatt	600
ttngaantng	taaaacctta	tctgattata	aaaaaannaa	cncagctctna	aananaggat	660
ggntgaatgc	ataaatttaa	tcttgaaaat	ttaancgact	ggttcttcaa	aatgncactt	720

ttcatccccg gttggcttnt ggctga

746

<210> 2963
<211> 753
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(753)
<223> n = A,T,C or G

<400> 2963
gnnnnttcta atgctagget acttggtctt tttgcaggat cccatcgatt cgaattcggc 60
acgaggaaat gggtaggaac aagcattagc ctgggtctggg ttcctccagc tcttaggaca 120
agttggaaca natttgctgt tctgatgatt catcttcttg atcacaggga tagcataact 180
cagctttgaa gaaaggcatc tgcagagatc atggcagttc cattttgcgt tctgagtttg 240
ctcctttagg taagggaact agaatgcaga tacagttaga atcagtctct ctctctctgt 300
ttgtctgtct gtctgtcact ctctntctcc ttattgcaact ganggccggg cgcggtgggt 360
cacacctgta atcccagcac tttgggaggc tgaggcatgt ggatcacgag gtcangagat 420
cgagaccatc ctggccaaca tggtgaaacc ccgtttctac taaaaataca aaaattagcc 480
ggcgtgggtg tggacgcctg tnatcccaac tactcangaa gctgangcag gagaattgct 540
tgaaaccccg gangcggang ttgcggtgan ccnaaattgc gccactgctc tccaacctgg 600
gtnacananc aagactctgn cttaaaaaaa aanacaana aactcgagcc tntaaactat 660
agnagtcgt attacgnaga tccaaacatg ataagatnca ttggtgagtt tggacaaacc 720
ncantngaag gccanggaaa aaaatgcttt ant 753

<210> 2964
<211> 748
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(748)
<223> n = A,T,C or G

<400> 2964
tancttnata gacagctact tggtcttttt gcaggatccc atcgattcga attcggcacg 60
aggggaccac tggcctgcct gacctcacc cactaatatt ttttattttt tgcagagaca 120
ggatatgggg aaaaagaaatc agattgttac tgtgtctatg tagaaaagga agccataaga 180
aactccattt tgatctgtat taagaaaaat tggtctgctt tgagatgctg ttaatctgta 240
actttagccc caaccctgtg ctacagaaaa cgtactgtat tgaatcaagg tttaattggat 300
ttagggctgt gcagcatgtg ccttgttaac aatatgtttg caggcagtat gcttggtaaa 360
agtcacgccc atttccatt ctctattaac cagggacaca atgcaactgc gaaagctgca 420
gggacctctg cctgagaaag cctgggtatt gtccaagggt tccccactg agacagcctg 480
agatatggcc tcatgggaaa ggaaagacct tacatcccc agccggacac ccttaaaggg 540
tctgtgctga ngaggaggag tgaaagaggg aggcctcttt gcagttgaga taagagtaan 600
gcttctgtct nctgtcatt cctgggaatg gaatgtcatg gtgtaaagcc accattccca 660
ttcgttgat tctgaaatag gagaaaactc cctgtggctn anaaccgaga tatgctggca 720
ncaatactgn tctgntgctc ttgctnn 748

<210> 2965
<211> 753
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(753)
<223> n = A,T,C or G

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<400> 2965
gnnntttctaa tagcnagntg ctacttgttc tttttgcagg atcccatcga ttcgaattcg      60
gcacgagaaa ggcttagatc attgacttca gattttttgt cttttctaac aagtgttcaa      120
gactataata taaatttccc tctaagcatt gtttagccac atttcacaaa tttggaaatg      180
tttattcatt ttcattctca ttcagttgaa aatattttct aatttccctt ttaattttctt      240
cttttactca cttattattt ggaaatgtgt tatttcattt ccaaataattt ggggattttc      300
aaatatctcc tgtaacaat ttctaaatta gttgtagtca gagaacatat tctgtgattt      360
caatgctgag gcttgtctga agccccagaa tatggtgcat tctgtggaat gtttcatgca      420
catgtaataa gaatgtggct ggggtgcagt gctcctgcct gtaatctcaa cactttggga      480
ggctgaggtg ggtggattac ttgaggtcag gagttcgaga ccagcctggc caacataagt      540
gaaaccctgt ctctacgaaa catacaaaaa ttagctgggt gtggtggtgg gtgcctgtaa      600
tctcgattgc acccctgcac tttagtctgg gtgacaaagc aagactacat cttcaaaaga      660
aanananannn nnnnaaaang ntnnnnnnnn nnnnaannnn nnnnnnnnnn nnnnnnnnnn      720
ntngnnnnnnn nnnngnnntn nnnnnaannc ccc                                     753

```

<210> 2966

<211> 745

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(745)

<223> n = A,T,C or G

```

<400> 2966
ggnnnnnnntt gaaangnttn ttgtcttttg cggatcccat cgattcgaat tcggcacgag      60
gttacaaaaca gtggaaaaca gacattttca gatgtttgca caccatgcac catgcaaaat      120
acanaccagc tgaatcataa naacaaatga ctagttactg ggaggggttt ctctctttct      180
cattattttt acttctacca aagtaatgtg cacatactgg tnattttatt cnattttaat      240
tttcaccaag ctagctaatt acctttcttt gttttttgtg gaggtgggct gtcggtcttt      300
tgtcgaggct gatctccaac tctgtcctc aagcagtcct tccacttggg cctaccagag      360
tgctgggata acaggcgtga accactgcnc ctgacctata nctataatnn taagaagnaa      420
aatgngncaa aaaccnnaca ngagcaacct gacntnctac tntcanaaac aatcactttt      480
aactctttga actgnatctc tgntatttgc ctacttattt ctaagtaata tgcttactct      540
ncatgttatc taaatggggt attaaagctt ttnnacaagc atctcttctn actatcaaca      600
ttcacattca ttacaaangg acttacaata tctttntcaa aaaaaaaaaa nnnnnnnnaaa      660
aaaaaaaaagc ctttanaact ntannagtc gattacgtga tcccgantg ataagganca      720
nttggtgagt ttggacaacc ccaac                                             745

```

<210> 2967

<211> 747

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(747)

<223> n = A,T,C or G

```

<400> 2967
ggntntnaat ttgcagctct tgnngntctt tttgcaggat cccatcgatt cgaattcggc      60
acgagcggtg ctggtgcggc gggggactgc ggggcnegcc tcaggtagca gcagcagcag      120
cagcagcagc agcagcagca gcagcagcag cagcaatgtt tcaattcttc agaaagcctc      180
cggaatctaa aaagccctca gtaccagaga cagaagcaga tggattcgct cttttagaag      240
catctcagag gctctccagt gacgtgctgt taaaagtgtg gaccctgggt cagacccttt      300
gggttggtct cggtggtcca cgacttactc tctacccttg gcagtggcgt gatctcggct      360
cactgcaacc tccgcctcct gggttcaaac gatttctctg cctcagcctc ctgagtagct      420
gggactacag gggcctgcca ccacgcccag ctaatttttt tttgtatttt cagtagagac      480
ggggtttcac catgttgggc aggatggtct tgatctcttg acatcatgat ccgcgcgtcg      540

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gcctccaaag	tcttgggatt	acaggcgtga	gccaccgtgc	ccggcctata	tgttntat	600
tataaagtta	tatgtnttat	tatttacttt	ttggtatgta	attgggtatg	tcataaaatt	660
ataatataat	aattccttaa	ccaaattata	ttccataaat	tataacntat	gaattcaata	720
tgcntttatt	aaataaagat	tctagan				747

<210> 2968
 <211> 762
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(762)
 <223> n = A,T,C or G

<400> 2968						
gctatnttna	tatancagct	gctcttggtc	tttttgcagg	atcccatcga	ttcgaattcg	60
gcacgagggg	ggacacgttg	gctgcgtttt	cggcgggcct	cccgggtaca	aaaatggctg	120
tggtctagcga	tttctactcg	cgctactacg	tagggcacaa	gggcaagttt	gggcacgagt	180
ttctggagtt	cgaatttcgg	ccggacgggtg	tttacgtgta	attgttcacc	ataggacgca	240
tgaagagtac	caagcaagag	gggagaggaa	agcttagata	tgccaacaac	agcaattaca	300
aaaatgatgt	gatgatcaga	aaagaggcct	atgtgcacaa	gagtgtaatg	gaagaactga	360
agagaattat	tgatgacagt	gaaattacaa	aagaagatga	tgctttgtgg	cctccccctg	420
ataggggttg	ccgacagaat	aaatgatgtt	tctcaggcct	ctgaagaact	ctgaaagcct	480
aatttcactc	tgtaaaaaaga	aagtttggtt	tctgaattgg	gtcttttcaa	ctcttggaga	540
aattccttca	acaacccttg	gaaaggaaga	aacatttaat	ttcacttttg	natatccctg	600
angaatgtcc	tttgnatcac	cttctttgaa	tagaagaaaa	tgtggagaaa	tctaacacat	660
gcttgactc	ttgtaggaat	nacttaagtc	ttctgcttaa	agaaaccctt	ntttagaaaa	720
accaaaggaa	ctttgaaatt	gtnaattgga	gatgagcncn	nt		762

<210> 2969
 <211> 791
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(791)
 <223> n = A,T,C or G

<400> 2969						
nnnnnnnnnn	ttnancagct	cttggtttgc	aggatccctc	gatttcgaaat	attttcattg	60
gttatacaac	tgctgtgtct	tttctgagaa	actcagcccc	aatgtgtaac	accctggatt	120
ccacggggca	gcaaattcca	cacactgcac	ccatgttggtg	agcggagatt	ttcgggctga	180
ccaaaacttg	aggcgaactg	agtctccatc	ttaacactca	aacacacttc	atggcggcct	240
ggaaacaagg	caatcattat	gaagcttcag	cccagttcct	ctgaaaccaa	cgtattgggc	300
ctgcttcatt	gtctctctag	gggctaata	caaacatgtg	ggaagggaag	ctaaggaatg	360
cctgtctaga	aaggagggtt	gtataatgta	gtgggaagaa	cctatctgtg	gggtaaaactt	420
tttttgcata	atgtagaaag	caaactctgg	taattaaatg	tttgtgtgtg	tgtgtgtgtg	480
tgtgtgtgta	tttangtttn	nnntanggnn	nnnnntncnn	tnnncnnngc	ccngtntang	540
nnnnnnnnng	gcanngnnnn	ttcctctcnn	nnncananga	nctnnngncn	ngtnnctgtn	600
cnnncttann	nnngaangnn	tnnnntnnga	aaacctnnnn	tnnnccnttt	nnnnantggn	660
nnnnnnncnt	nnnnnnnnnn	nnnnnnnnnn	nnnacntnnn	ngnnnnnangn	ccnnnnnnnnn	720
tnnnnnnnnn	cnnnnnnnnn	naannnnngn	nnnnnnnnna	tttnnnnnnnn	nnnnnnntnn	780
nnnnnnnnngc	g					791

<210> 2970
 <211> 788
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(788)
 <223> n = A,T,C or G

<400> 2970
 gntgtntnnt tacnactgct gttcttttgn aggtcccac gattcgaatt cggcacgagt 60
 aaacatccag atgtgttttg atagcctggg gtaattaagg ttgaggacaa gtgtaccaga 120
 tcaaggagag gaaccctgcc catgcctgcc gtgtgttcag gtggctagac ttgttgttgc 180
 atctgttagt tccactctta gtacatcatt gtgctgtgag gtgtcattag ccgccgttta 240
 atttttcttt tgtttttaga gacagtgtct tgctctcacc ccggcttaag tacagtgaca 300
 tgatcatagc tgactgcaac ctcaaactcc tgtactcaag tgatcctnct gtcttantgt 360
 cccaagaagc taggactgca ggcacacacc accatgcctg gctaattttt aatttttttg 420
 taaagatggg gtctcctatg ttgctcanct ggtctcaaac tcctgtcctn aagcagtcctc 480
 ccaccttttg ccttccaaag cactggggat tagnatnctt atnntcnntn atanncctta 540
 ntnnncnngt tttntctaat gggatatttna acnttttnca aanntttntn nntnnntttt 600
 nanaatncnn tttnttncnn aaggnntttt nccanntttt nttnnaannn naaannnnnn 660
 nnnnnnnntn nnnnnnnaaa anccctnttt nnnaacnntt tttnnnnnnn nntntttttn 720
 nnnnnnnnnn nnnntnnntt nnnnnnnnnn nntnnnnnat tttnnnnnnn actcnnnnnn 780
 tttnnnnn 788

<210> 2971
 <211> 746
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(746)
 <223> n = A,T,C or G

<400> 2971
 tatntttcna gcnctcttgc ttctttttgc aggatccctc gattcgggtg tcagcagtaa 60
 gatggaagaa agaaagtcaa agctggaaga ggccctcaac ttggcaacag aattccagaa 120
 ttccctacaa gaatttatca actggctcac tctagcagag cagagttaa acatcgcttc 180
 tccaccaagc ctgattctaa atactgtcct ttcccagata gaagagcaca aggtttttgc 240
 taatgaagta aatgctcatc gagaccagat cattgagctg gatcaaactg ggaatcaatt 300
 aaagtctcct agccaaaagc aggatgttgt tctgatcaag aatttgttgg tgagcgtgca 360
 gtctcgatgg gagaaggttg tccagcgatc tattgaaaga gggcgatcac tagatgatgc 420
 caggaagcgg gcaaaacaat tccatgaagc ttggaaaaaa ctgattgact ggctagaaga 480
 tgcagagagt cacctggaat cagaactaga gatatccaat gaccagaca aaattaaact 540
 tcagctttct aagcataagg agtttcagaa gactcttggt ggcaagcagc ctgtgtatga 600
 taccacaatt agaactggca gaacactgaa agaaaagact ttgctttccg aagatactca 660
 gaaacttgac aatttcctag gagaaatcag agacaaatga gatgatggcc gatatgtcca 720
 ccagatgacc agtgctgcc ccggan 746

<210> 2972
 <211> 762
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(762)
 <223> n = A,T,C or G

<400> 2972
 gntnnncnaa tgcttggtgc tcgntcttnt tgntgcagga tcccatcgat tcgctaatat 60
 ccagaatcta caatgaactc aaacaaattht acaagaaaaa aacaaacaac cccatcaaaa 120
 agtgggacga ggacacgaac agacacttct caaaagaaga catttatgca gccaaaaaac 180
 acatgaaaaa atgctcatca tcaactggcca tcagagaaat gcaaatcaaa accacaatga 240

gataccatct	cacaccagtt	agaatggcaa	tcatagagct	tttcatttat	ctgagtgttt	300
tcctctgctt	gtcgggactt	gtgctttcac	gagctcctgc	tctcatatca	ggggagtga	360
taattgaatt	tggatagttt	tttggttttt	agttggaaca	ctccttttcc	tgtggaacgt	420
ctatagaaaa	aatgagtcaa	acagagaata	tgcaggggag	gcaactctga	atgcttccat	480
ggctacatac	atacctgttt	tctttgattt	gctaaaccct	aagttaaaaag	gaaagtactg	540
tctaaaatag	ggagaaattc	cctatatatta	taccatcatt	tggagtattt	acaatgggag	600
tgttttgnat	tataaatgtc	aaaaangttg	agacaggact	cacttaaatt	aagangggaa	660
actttttttt	aatgatggaa	atangggctt	aataaactta	catctnctta	acttctttaa	720
taattggnaa	taaactatga	ctggtcaaga	attggacnnt	cc		762

<210> 2973

<211> 760

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(760)

<223> n = A,T,C or G

<400> 2973

gnnntnnnct	antncnaggc	tacttgttct	ttntgcagga	tcccatcgat	tcgaattcgg	60
cacgaggtga	tatgaaaagc	gaatgcacca	tttcttggtg	atgattcagg	tcagcgttgg	120
gacccaggaa	tctcctgtta	atcagtaccc	tgggtatttt	gatccaggtc	atcaagacca	180
tggcttccat	cgtaggcagt	cacactcttt	ctctcttgga	tcatttgctg	tggggaagca	240
aactgtcata	tgagaggaca	ctcaaacagc	ctctggagtc	tcatttgcta	aggaactgag	300
gactccagcc	tgagaactca	ngcaagtaac	tgaggcctgc	caacaacat	ggagaaagcc	360
tggaaagtga	tcctccctca	gccttcagtc	gagacaacag	ctgcaatgac	agccaagcca	420
gcgccacca	gcttagccac	ccccagagaa	ctaactctca	gaaaccatgt	aagataatac	480
atgttngttg	tnntaagctg	ctaagttttg	gggttnattna	ttatacaata	gatnattaaa	540
acacatagca	tataaataaa	atcaataaaa	ccagtatggg	tcagtaatga	gttaattaga	600
taattagaca	aattttgcat	ttctgnntct	atggtnatna	ttttcttcag	aaaaaattct	660
ctccgggtaa	aaaatgttta	aaagtgggtc	ccaaccggac	atttttaaaa	ttaattaatc	720
agtttnggga	aggccaaaagc	cggtttggtt	tgcttttaan			760

<210> 2974

<211> 795

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(795)

<223> n = A,T,C or G

<400> 2974

gcnanagcng	nctnatagct	cggttggctc	ttgttctttt	tgcaggatcc	catcgattcg	60
aattcggcac	gaggaagaga	actatctaaa	tgagtaatgg	tcaagaaatt	ttaaagcata	120
atgacatgaa	acaaacaacc	ggtccaggaa	gctcagagaa	tacaattcat	gacaaacaac	180
aaaaatacag	caccagacat	agcatttcct	atatgtagaa	taaaagaaaa	taaaataaat	240
caataaatag	acaaagagaa	aatcttgaca	gaatctggaa	tgaaaactac	attccttgta	300
gagaaaaaag	agcaaggatt	tcagcccact	tccagtaaga	aaccaggcaa	gaaagaagag	360
agttgcggga	aatgttaagg	aataaatgca	ccaacttaga	attctacatc	tagcaaaatt	420
atacttcaaa	agcagagggg	aaatcagaat	ttaccagaca	ataaaacact	aacggaatat	480
attgccagaa	aactttcctg	caaagtgtgt	aaaagangtt	attcatggag	gagaagagtg	540
atatagatca	gaacctgtat	ttacaataag	aaagcaagta	tgttgaaaaa	ggaaaaaaa	600
tgttttattt	ttcttattgn	aaggctcttt	taaactacat	ggttttggtta	aaggtaatta	660
ttaagtaaaa	tggttttggg	gccaaantnc	ccaaaaaaaa	aannnnnnnn	nnnnnnnnnn	720
nnnnnnnnnn	nnnnnnnnnn	nnnnaaaaaa	aaaaccttng	gnccttttta	aaaacttttt	780
nggggngn	nnntt					795

<210> 2975
 <211> 785
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(785)
 <223> n = A,T,C or G

<400> 2975
 cagggnttct aatnncagct cttgttcttt ttgcaggatc ccatcgattg ggcaaatatt 60
 aaatatcaaa tgaatgatag ctgcctctac ttctcctttt gttgttttta ttttccattt 120
 atggngtca tttatttatt ttaatgtctt cgaaagtatt gactttaaca agtactttgt 180
 gatgcattta ttatttcatt tggtattatt tatgtatttg atttatttct ttgtgaggta 240
 ggatanaatc tcantcagat ttttgctgtt aggataccac agactggata actacaaaga 300
 aggggaagtct gtttaactcn caattctaga ggctggcgca tctaagagca tgacactggc 360
 aactggcnag gatcatctca tgggtggaagg tngaaggagg tacatganat anagagaanc 420
 accatgggct ngactccgct ntgtacaacc aaaccttnan ntnactaacc cgntcntgca 480
 ataatnacat taatccccctc atgaagggtc caccctcat gactgattna catntaatta 540
 ggccccacnc tctaanatt attcacttgg gagntcaaag ntctaaccac gtnaaccttt 600
 tgnngggata ncatccnaa ccnttncnc nattgntggn cnaaaaagna ccnttaccaa 660
 tccctttacc ctnnttngc ntaacncnt ttannagcgt gananntnna ctgtttcttt 720
 taaaatangg ntncctaaan tnncttggan taaattttaa aattggnant atgnncanan 780
 ctttc 785

<210> 2976
 <211> 802
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(802)
 <223> n = A,T,C or G

<400> 2976
 gnnnnnnntt nnaaatnnna ngctacttgt tctttttgca ggatcccatc gattcgaatt 60
 cggcacgagc ctctgcgcct ggccccgggt gggtcagccc gcgtggacca cctgaccttg 120
 gcctgcaccc ccggcagctc cccacactt ttgcgctggt tccacgactg cctgggcttt 180
 tgccacttgc cgctgagccc aggtgaggat cccgagctgg gcttcgaaat gacagcaggg 240
 tttgggcttg ggggactgag gcttacagcc ctgcaggccc agccgggcag cattgtcccc 300
 actcttgctc tggctgagtc ccttcgggg ggcagcagac gacaggacca ggtggagcag 360
 ttcttgcccc ggcacaaggg gccaggcctg cagcacgtgg ggctgtatac gcctaacatt 420
 gtggaggcca ctgagggggt ggcaactgct ggaggccagt tcttggtctc ccctggggca 480
 tactaccagc agccaggaaa ggagaggcag atccgagctg cagggcacga gcctcatctg 540
 cttgctcgac aggggatcct gctagatggt gataaaggca agtttctgct tcaggtcttc 600
 acaaagtccc tttttaactt gaggaacact ttctttcctg gaagcttgaa ttcaanaagg 660
 caaggggggg ccaactggct ttttggttca angggccaac aatcaagaan cnttttgtng 720
 gcaantcccg ttaccangga agccaaatnt tggccaaggg aacccccagg aaaaccctn 780
 aagggattgn cccaagggg ct 802

<210> 2977
 <211> 828
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(828)
 <223> n = A,T,C or G

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<400> 2977
ggcncntnttt ctaatgcttg gctactcgtc ctctangcag gatcccatcg nttegaattc 60
ngcacgaggt gaagaagant aaaagagaca gaaagganga acggctngan gaaaaggaac 120
agngatgcga aagaactnaa gatagaaaac caccattaaa actnaaggan tccnaggcct 180
annacnctca annagggaca ggaggctgac ctttangctn gtgnggagga agtccctnnn 240
gccantggct ntgcntggaa aancatcatn aagnagnngc agcncaaggn cttctccant 300
gaggaatagg ctcaacgtgg gcncctcaggt gngaggnanc atgagcncctc cntagttgga 360
acatatccct aagngtatga tnatgaatnt cccaggagca ttctgcaggc nnttaaccat 420
angacnatnn ngctgctnct ntgcgnatat tnnntngna nggancnatc nannentatt 480
ttgaaacagg tcccngncan ttgaaatttc catccnaat ttcngtannc aagggtttng 540
ctcatcctac ncnatnnctg ancagnntna nctattcnga naaggctactt acangnccan 600
cnantancat tgtagnattg cgntatnant ccccttcctt tnttaattnc cctaangnac 660
tnaanttnna anccnnggtn gataatagca acnntttcga tgtggattta antacccttt 720
gaattccaat ttttgnttgn nnattnctat acctttanca tgttgaatcc cttnnattaac 780
aattncttta ntttggaaact tcttaacca ctttcaaatt tttngccg 828

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<210> 2978

<211> 753

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(753)

<223> n = A,T,C or G

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<400> 2978
gnnnnnnttt cnaatgctng gctactngtt cttntgacg gatcccatcg attcgtttaa 60
aaagcatttt attatgtatt atgaaatatt tcaaacataa aaagatgtaa agactatcta 120
ccaatgactc cccctttaat aaaacaaatt aacctgaagg ctgttttgtg cccctccttg 180
attgtgcatt cacctcccaa cccctcgtc cttgggcaac tgttatcttt gttatttgtc 240
attgccttaa cattagattt ttttattact gcttttgtta ttctaattgat atcaaattga 300
aaaaatattt tgaatgcaac tcctctttta atttgcctca attggtatct gtatttttta 360
gtccatgcct gtattataag tattataaat actatctgtn tatacttttg ctaaagtcca 420
gtgtattngt taaactgatg atacagcttc ataagatttt angtcagcta atggattgtc 480
aatattttgn gtagaatact taccagggtta taaattacaa tttgaaacat agatataccta 540
tagttngaga atttgaacat agatatggat tatgttgaaa tcgactgcct ttntcttagc 600
tatgacagta ataaactata tnacaacaaa aaaaaaaaaa ctatanaaac tcgagccttt 660
tagaactata tgagtcngat tacgcgatcc agacntgnta agatacattg atgaatttgg 720
ccaaaccaca acttggaatg caanngaaaa aaa 753

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<210> 2979

<211> 792

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(792)

<223> n = A,T,C or G

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<400> 2979
gnnnnnnttt caaatcgcta ggctacttgt tctttttgca ggatcccatc gattcgaatt 60
cggcacgaga gaggaggagg aagaggagga aaatggggat tctgtagtcc agaataataa 120
cacttcccag atgtctcata agaagggtggc cccaggcaat cttagaaccg gacaacaggt 180
ggaaacaaag tcacagccac actccctggc cacagagacc agaaaccag gaggacagga 240
aatgaacaga acggagctga acaagttcag ccacgtggat tctccaaatt cggaatgcaa 300
gggtgaggac gcgaccgatg accagtttga aagccccaag aaaaagttaa aattcaaatt 360
ccctaagaag caattcgccg ctctcactca agccattcgc accggaacta aaacaggga 420
gaagactttg caagtggtag tctatgaaga agaggaagag gatggcaccc tgaaacagca 480

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catagaagcc	aagcgcttcg	aaatcgctag	gtctcaacct	gaagacaccc	cttgaaaaca	540
cagtgaggan	gcaagagcag	cccagcatcg	aagagtacat	cttccgattt	caagggaactg	600
atgaaattag	aaaaaacacc	ttccngaaca	ttgggatagc	cttggaagca	ggaccatta	660
aacaagcttg	gaaaattcca	attcggtgga	aantgagttc	cccaaaagnc	ccttanttgg	720
atacctcatg	gttcntttcc	aacaggagaa	ttctggttgc	caaggttcat	ttcccaccat	780
tagccccaag	ag					792

<210> 2980
 <211> 757
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(757)
 <223> n = A,T,C or G

<400> 2980						
gannntgcta	ctaagtcttg	gtactcgtt	ctntntgcag	gatcccatcg	attcgtggaa	60
aatataaaaa	gtgacacttt	atgcaaatgt	gatggcctcc	gagctgaaat	gaagggaactg	120
gcaatctttc	caaagtggca	gccaaaggccc	cactccctgt	cctactcaat	ctctgnnnng	180
aaaaactgtg	ggatangata	gcagncagct	ggggacacac	agaggaacat	tcaacaggaa	240
ggtcccgtct	agggaaaagg	ccacanancc	catcctnttg	ccgattcagg	gatccttgga	300
tntaagtgga	ttaaacgana	gggaggaaan	ctntcatttc	antggtcttc	aatcaagtt	360
gaaatattac	tgngaggtat	cccacttnag	cctgaaccag	cagaentacg	anagggtcac	420
tctagagtca	cnaaggaaaag	cangtcccnc	ngaatgcaac	acattgatcg	gaagtgnacg	480
ncncagacna	agaatggccn	acttgataat	tacttangac	ntntatttna	ccggangaac	540
atnnaaatac	ttttgtaa	attcatattg	ntgaaccttt	cataatcagg	aatttactat	600
gtactatact	gtagnagnata	attcgcttat	aatttactta	atctatctcc	ttntangaca	660
tatacnnaaa	tgggntnctn	tggaagttgc	ctngtgcgaa	aatgttttta	aaagtttttc	720
aatttggttt	ggaaaactct	aacttttttt	nnntttt			757

<210> 2981
 <211> 747
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(747)
 <223> n = A,T,C or G

<400> 2981						
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cgaggttacc	tctcaatttt	aacttttttt	ttctttttta	attaatgttt	tttaccatg	120
gcaagctgta	atagcttttt	tgaggggagg	taggtgcttg	ataaagaaca	gtaggtgctg	180
cttatcaaca	gatgaaagga	gggttctttt	tcaggcaacc	atctcatttg	tgagtgaatg	240
gactttctct	ttaaagtgtc	gggattgnta	gtgccatttn	tattgtaa	atcagaattg	300
ttattcnttg	tcttctacct	aagaattctg	tctcttaggc	tttctcttcc	cagatttccc	360
aaagttggga	aaagctgggt	tgagagggca	aaaggaaana	naaagaattc	tgtctctgac	420
ataattagat	agggaaacan	ttgggaagct	gtaagaataa	tgcagggtgca	aggtgggtgt	480
ggttnagagc	cgggtgatag	ctgtggatgt	agaaagaatc	tgaatatatt	gtgtcatagg	540
gntgacctga	tttgcta	gagtagttaa	ggatgtggna	aagtggaa	aagcatggct	600
tcaangtctg	ggcctgaaaa	accgggagaa	tgatgcacat	naactaagac	gggaaagaca	660
atggtagggg	cctgtttagg	gaanactnng	nagaagatta	ncncctcatt	nctaatgatg	720
taatncatan	aatcttgc	gagcctt				747

<210> 2982
 <211> 745
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(745)
 <223> n = A,T,C or G

<400> 2982
 nntgtngntc naatgctagg ctacttggtc tttttgcagg atcccatcga ttcgctagag 60
 tgcaatgttg cagtgcaatg ctgcaatctg ggctcactgc gacctccacc tcctgaggca 120
 ggagaatggc gtgaaaccag gaggaggagc ttgcagttag ccgagatcgt gccactgcac 180
 tccagcctgg gtgacagagc gagactccgt ctcaaaaaaa aaaaatctaa ttatcaaatg 240
 cateccattg tgatagtcct acattatgtg acattaacct atattcctgg gtccttttaa 300
 ttcccaacta ctgctcttag aggtcttagc cttttatgtt aatttttata aattcaatta 360
 aataaatatt attcccaaatt cttagtgttt gcagattagt tataaatcct atccaaggta 420
 gggttaaaggc caccgtttta cagataaata gtacttttta tattttttatc tgaaatagtg 480
 catttggtga gaataaaaga aggtatgttt aaaaatagaa tcttttgggc ctggtggtac 540
 gcccttgtag tcctagctac ttgggcagct gangtggagg atctncttga gcctaggagt 600
 tccagactgc attggcgtca ctgnacttca gcctgggcga cagaatgaga ccctgctntt 660
 aaaaaaatat naaatngact attttatagt tgaatgttag ttagcaagtt atcatctgag 720
 ccttaagtca aaattaaatc tttaa 745

<210> 2983
 <211> 785
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(785)
 <223> n = A,T,C or G

<400> 2983
 gnntnttcta atngctnggc tcttggttctt tntgcaggat cccatcgatt cgaattcggc 60
 acgaggctgg tgtaggggtt ctttggtttt ggggtttggc anagatgtgt ttaantgctg 120
 tggccanaag cggaggaggg ggggtttggg gaaattcttt gctatgatgt ctntgtggaa 180
 agcggctgtg catacattca attgctatta aaaaaaaaaa aaaaaancca caaaagataa 240
 nnctaataaa anaaatnctc ataaganacn angacctttn aacntnttctn nactggtatt 300
 nngtaaatcc atccttnanc ananncatnn tnnagttcng accaacaann nntngatnnc 360
 cntgnaaaan ntgnttnatn agggaaattc agcgatctat tgnttnatng cgancctttt 420
 ntgannccaa taancaggnn aaccacttcc atggnttctg tnaaatnctn aaggntctggn 480
 gngaannatt cngagngtct ncaataactcn gncntagagn tattccatgn cccccagnac 540
 ctaaattcttt ggccctttta gcatagggaa tttccccacc ncnccttaat gctagccatt 600
 ntctgtttca tncncaaat ttgnacttcc cataaccact tccaaganaa ananttttnc 660
 ncggcggaac tntacttggg aaaccctnnc gagttcccta angaagaagn ncctaaccct 720
 ccattnaaaa ttgacgtncg gattttgntc canccgtttt gancaannng gnaacccttc 780
 cggac 785

<210> 2984
 <211> 798
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(798)
 <223> n = A,T,C or G

<400> 2984
 gcaatgcngt ctttgaatcc cgtttntaaa tccctctggt tgcaggatcc catcgattcg 60
 aattccaatt ccacattttc aagaaataag gaggcaaaaa ttttcatata tgaattggaa 120
 ttatttgttt tcttattagg ccgagatgcg ccgcgtgcgg ctgctggaga tggcggacgc 180

gatggatatg	ttctgccaaag	ggttgggtttg	cgcattcaca	gttctccgca	agaattgatt	240
ggctccaatt	cttggagtg	tgaagaaaga	aaaaagttga	actagatttg	gtctgatgca	300
nttacagatt	tacaaactgt	gccccaccc	tcctgcagac	accttccact	cctcattctt	360
gagggattag	ggatggaggt	catgcttctg	tatcgacttc	atgctgacca	gggtcactga	420
gtcccctaaa	gtgagaggaa	tgaactctt	gggcttctga	gttcaaata	gttctgggg	480
cacctggagt	agcttgaaag	gctggtattg	gtgtaataca	ngctgaangt	ggaagtgttg	540
gaacctgaag	gacaaacagc	tnaccatcca	tttaaataaa	taagggccca	aaagttacca	600
naaccagtgg	ccacnaagg	gccccagcag	aaggaaanaa	accnnggtga	agggtgccgn	660
ataatnggac	ctcgantgcc	tttttaaaat	ctcaannggg	tttggccccg	ggttccaaat	720
gggctttaac	gnccttgga	atttccagcc	nnaagaaaa	aacccccnaa	ggccaagggt	780
ggaatccntt	aangggcc					798

<210> 2985
 <211> 773
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(773)
 <223> n = A,T,C or G

<400> 2985						
gcaatgcttg	gnnanatnnn	aggctcttga	tcncatcgnt	tgatcnaccc	catcgnttcg	60
aattcggcac	gaggttacct	gtgtatgact	gaagtacata	ttcgttatct	gcgtgagaca	120
gtacagattg	gtgtatagta	ttttacagcc	acttcattat	atgctatttc	cgtgtactgg	180
caaaaaagag	aataaaaactt	cctaggatat	aagtacctac	tgctgttttg	gtgcatgtcc	240
agttaggctt	ttctcttttt	atttgtttgt	gtacctgtaa	ctccatataa	gcatatataa	300
tcatgttaca	tatgtttaaa	aggcgtcatt	ttgcaatgca	gttttatcac	tagttttttc	360
tctgtcaagg	gatgtataaa	aatggatcac	aaatctaaat	ttaaaactat	anaacttagg	420
agagaatctt	tgtgatcttg	gattaaacaa	agatttggtta	gataagatac	agaaagtatg	480
aacaacataa	gaaaaaagtc	tatagtttaa	acttttttat	attcagtttt	gcttttcaaa	540
atataccttt	aangaaatgg	tctgggtaag	gtgggctcac	acctgtnatc	ccagcacttt	600
tgaaaggctt	gangtgggaa	gtttggcttg	aggctaggaa	gttcangacc	cagnctgggc	660
accatagcaa	gganggtctt	ttacacacac	acaccacnac	ncacacacac	ncacacacna	720
nacaccgcan	cccaggtngc	ntttgaaaga	actggctttt	tacacacccc	cac	773

<210> 2986
 <211> 773
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(773)
 <223> n = A,T,C or G

<400> 2986						
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aattcggcac	gaggttacct	gtgtatgact	gaagtacata	ttcgttatct	gcgtgagaca	120
gtacagattg	gtgtatagta	ttttacagcc	acttcattat	atgctatttc	cgtgtactgg	180
caaaaaagag	aataaaaactt	cctaggatat	aagtacctac	tgctgttttg	gtgcatgtcc	240
agttaggctt	ttctcttttt	atttgtttgt	gtacctgtaa	ctccatataa	gcatatataa	300
tcatgttaca	tatgtttaaa	aggcgtcatt	ttgcaatgca	gttttatcac	tagttttttc	360
tctgtcaagg	gatgtataaa	aatggatcac	aaatctaaat	ttaaaactat	anaacttagg	420
agagaatctt	tgtgatcttg	gattaaacaa	agatttggtta	gataagatac	agaaagtatg	480
aacaacataa	gaaaaaagtc	tatagtttaa	acttttttat	attcagtttt	gcttttcaaa	540
atataccttt	aangaaatgg	tctgggtaag	gtgggctcac	acctgtnatc	ccagcacttt	600
tgaaaggctt	gangtgggaa	gtttggcttg	aggctaggaa	gttcangacc	cagnctgggc	660
accatagcaa	gganggtctt	ttacacacac	acaccacnac	ncacacacac	ncacacacna	720
nacaccgcan	cccaggtngc	ntttgaaaga	actggctttt	tacacacccc	cac	773

<210> 2987
 <211> 851
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(851)
 <223> n = A,T,C or G

<400> 2987
 tcaatnnnta gggncngggn tncctntttt ntgggccagg gcantacccc cnattccgcg 60
 ttattccgga aaattttccg ngacctaccg tagggntttc acacctgggn gggtgatgga 120
 accttgaaa gcttgcnata atacctgcat taccctcgca gtnggtagta cangacacca 180
 tgatatgtgc cgacatgagt cattttacag cccacttcat tatatgctat tgtccagcgt 240
 gctggcaaag actagacata aaacttgact cgatctnagt ncctactgct ncacttggtg 300
 catantcatg ncggctctgc natcaagnta atgcatgagn acccntcact ccatatnntc 360
 nnatancaac ntgttgcaact gcttcanagg ctntntatgg gctaagcaca aacatgctng 420
 aagggaatct gacgaatgac tgtttanaat gggatcgag tatntaagta ttagggactg 480
 aacctnttag tgggagtaat ctttgtgatg catggatgta aacagcnaat ctgggtaata 540
 ganacanaag agtgtgaacc gcattgtata aantgtntat aggttaaact tttntatatt 600
 cagttttgct tttcaaaata tacctttaag gaaatggctc gggttaangtg gctcacacct 660
 gtaatcccac actttnaana ngcttnangt gggaangttg gctttgaggc taggagttca 720
 ngaccagcct gggcaacctt nncaagantg ggcttttaca caacacnct ccacacacac 780
 ncnactnca nanacacag cngnccagg nancattanc nanganttgn nttttttacc 840
 cccnncnncn c 851

<210> 2988
 <211> 851
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(851)
 <223> n = A,T,C or G

<400> 2988
 tcaatnnnta gggncngggn tncctntttt ntgggccagg gcantacccc cnattccgcg 60
 ttattccgga aaattttccg ngacctaccg tagggntttc acacctgggn gggtgatgga 120
 accttgaaa gcttgcnata atacctgcat taccctcgca gtnggtagta cangacacca 180
 tgatatgtgc cgacatgagt cattttacag cccacttcat tatatgctat tgtccagcgt 240
 gctggcaaag actagacata aaacttgact cgatctnagt ncctactgct ncacttggtg 300
 catantcatg ncggctctgc natcaagnta atgcatgagn acccntcact ccatatnntc 360
 nnatancaac ntgttgcaact gcttcanagg ctntntatgg gctaagcaca aacatgctng 420
 aagggaatct gacgaatgac tgtttanaat gggatcgag tatntaagta ttagggactg 480
 aacctnttag tgggagtaat ctttgtgatg catggatgta aacagcnaat ctgggtaata 540
 ganacanaag agtgtgaacc gcattgtata aantgtntat aggttaaact tttntatatt 600
 cagttttgct tttcaaaata tacctttaag gaaatggctc gggttaangtg gctcacacct 660
 gtaatcccac actttnaana ngcttnangt gggaangttg gctttgaggc taggagttca 720
 ngaccagcct gggcaacctt nncaagantg ggcttttaca caacacnct ccacacacac 780
 ncnactnca nanacacag cngnccagg nancattanc nanganttgn nttttttacc 840
 cccnncnncn c 851

<210> 2989
 <211> 744
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(744)
 <223> n = A,T,C or G

<400> 2989
 gaancttttga tcccttttctn gttcttttttg caggatccca tcgattcgaa ttcggcacga 60
 gggcaggcac tggagagcca ggggtggttca gnngcagctc ctctgagcag ggagtcaaac 120
 agggctgaaa cagacaccag ctctccagga ccagctgctc caggaatcaa cctctaccct 180
 gaaccaggtc cctgaggacc accacgtggc tgcaacacag caggagttca cagtccagag 240
 gagaagcccg atgctgaaca gagaatcaca tccgtgagca acacaaaagg tctcaatcaa 300
 aaacctctga aagccactgg cctagagtta gaggaagagt tagccatgag aaatggtggt 360
 gacacagggt ccaaaagaag aaacaatagg tatcaggctc agagatgaaa gggctagaag 420
 gaggacacac cangttcaag gtctggcctt tctcgagggc agtggggagc catgggagga 480
 gcctggacct gtggccttcc tgcttcacct gggcctnaac ccgtnacgac cacctggcct 540
 ttgagggtga tctcgtttct catcataaga gctctttcgc tcgtgtngaa ctgggaantg 600
 gccgtcattg gctgcgcata cctaaacttg gtcagggcag aatgattgct agtnaccacg 660
 tgaagcagga aaccccgca ttaacttgca gaatgagttg gtgangcttg aaataaatgg 720
 tggaacatn gtggcaatct tttt 744

<210> 2990
 <211> 747
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(747)
 <223> n = A,T,C or G

<400> 2990
 gannnttnn annaatgctn ggctactngt tctntntgca ggatcccatc gattcgaatt 60
 cggcacgaga acacttacag cctatatgtt aacttctctc ctgggatata gaaagtatca 120
 gcctaacatt gatgtgcaag agtctatcca ttttttgagg tctgaattca gtagaggaat 180
 ttcagacaat tatactctag ccttataaac ttatgcattg tcatcagtg gtagtcctaa 240
 agcgaaggaa gctttgaata tgctgacttg gagagcagaa caagaagggtg gcatgcaatt 300
 ctgggtgtca tcagagtcca aactttctga ctccctggcag ccacgctccc tggatattga 360
 agttgcagcc tatgcactgc tctcacactt cttacaattt cagacttctg agggaatccc 420
 aattatgagg tggctaagca ggcaaagaaa tagcttggtt ggttttgcat ctactcagga 480
 taccactgtg gcttttaaagg ctctgtctga atttgcagcc ctaatgaatc agaaaggaca 540
 aatatccaag tgaccgtgac ggggcctagc tcaccaagtc ctgtaaagtt tctgattgac 600
 acacacaacc gcttacttct tcagacagca aaacttgctg tggtagacca atggcagtta 660
 atatttncgc aaatgggttt ggatttgcta tttggcactc aatggtggat ataatgggaa 720
 ngcttttggg ncttttaaaa nacaaaa 747

<210> 2991
 <211> 756
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(756)
 <223> n = A,T,C or G

<400> 2991
 ttntttccna atatcangct acttggttctt tttgcaggat cccatcgatt cgaattcggc 60
 acgaggcatc ctgtccttgg gaaccctttc tcattctcca agcctgggtca gctgcctgca 120
 caggcagagg tgccctcagc ccaggttagc aacactcata gttttgcaa ttaccagtag 180
 acactagtgg aaccatctaa ctggaacttc ctctctcctt ccacttattt cctcaaactt 240
 gttgctttac actagacaca tgcaaatgta tgtttttaac acacaaaaac agatcatgcc 300
 aatgagttg cctgtcaaaag gctggagggc aggaggaggg cctggggttg ggttctttcc 360

tcccagcctt	tggatggtgc	cttggggcccc	ttagccccag	cgccagggcc	tcccagctga	420
ggccacagga	aagcactttt	ttatgatgta	ctaaaagcca	cagtatgtgg	caactgcaaa	480
aggatcagga	atttanggta	tgatctcggg	cacgtgtccc	ggcgctgag	gggaaaggaa	540
gcgggcatga	ttgtagacaa	tgaggggggtt	ctcttgatgt	aatgaaatgc	aattttatgg	600
tttggtgcaa	aaactctatt	ttccagtaaa	ttaactttat	ttctnaagca	tattttggat	660
ttgccatcaa	gaagcaataa	agcattaaat	ctttaaaaaa	aaaaannnnn	nnnnnnnnnn	720
nnnnnnnnnaa	aaaaaacttn	gagccttttt	naactt			756

<210> 2992
 <211> 824
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(824)
 <223> n = A,T,C or G

<400> 2992						
gcttccttcc	aattacctng	tgggctaagt	gtncctngnt	ntatctgcag	gtatcccatg	60
cgnttcgaat	tcggcacgag	gagactccag	gctgagctgg	ctgaccgacc	caatccccct	120
acccgccttc	tgcccgcgtga	cccgggtggg	agaancccg	aggtaacngt	ggggggagag	180
caaaaaacac	atgaaaaaat	gtcatcatc	actggccatc	agagaaatgc	aaatcaaaac	240
cacaatgaga	taccatctca	caccagttag	aatggcaatc	atagagcttt	tcattttatc	300
gagtgttttc	ctctgcttgt	cgggacttgt	gctttcacga	gctcctgctc	tcatatcagg	360
ggagtgaata	attgaatttg	gatagttttt	tggtttttag	ttggaacact	ccttttcctg	420
tggaacgtct	atagaaaaaa	tgagtcaaac	aganaatatn	cagggggaggc	aactctgaat	480
gcttccatgg	ctacatacat	acctgtttct	ttgatttgct	aaaccctaen	ttaaaaggaa	540
agtactgtct	aaaatanggg	agaaaattcc	ctatatttat	acccatcatt	ttgagtnttt	600
tacaattggg	antgggttnn	gtattattaa	attgggtcaaa	aaaagggttn	aaaacaanga	660
cttncnttaa	aattttaagaa	aggggnaaaa	cttttttttt	ttaantggat	tgggaaaata	720
gggggcttta	aataaaaact	ttnaattntc	cttntaactn	cctttttaaan	atttttgtna	780
attanaactt	ttgaactgnt	tcnaanaant	ttgntncatn	tnct		824

<210> 2993
 <211> 765
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(765)
 <223> n = A,T,C or G

<400> 2993						
ngnttnnnnn	nnctntgaa	acttntctggc	acttccngta	ngaanccttc	gatttgaatt	60
cggcacgaga	agaattgtac	gactcttatt	gatgagtga	anttttttct	atagatttga	120
aagtcactac	taatcatgac	tagctgatta	taataattga	gagtaaactt	ttaaaattat	180
taaaatacct	gtgaaagtgt	gagcacagta	accattaacc	ctaaatttga	tactatgtcc	240
atatgaattc	agatcataat	agtgtcttat	catgtgaaac	tactaaagga	tgtatagagt	300
taaatattac	gtatccactt	taatgaagaa	taggtattac	acagtaatgg	ttgtttaaaa	360
aaattttttt	tatataatat	cagagtttac	ctgatgtgct	tgggcatgca	tagntgtcaa	420
caatgatttg	ctagtgtgac	agttttgtat	gctgatcaga	attatcanaa	gtttgtaaaag	480
catcttntct	tttgattcat	acatgaaaca	aaaacaattc	tgtgtattct	cagtgttctg	540
gataaaaaaa	ttttaagtgc	atatactttn	taggaaatat	gacagatgct	tgtcataata	600
caaaaatatn	ttactttttt	attatgctca	tnctatggg	gagaggaaac	ntancccgga	660
aggaaggaag	aatanggatt	ggaaaacatt	tggctactta	cctgcaactc	atccntggac	720
aacangccat	gtgcacattt	acacccatgc	cccatatacc	ncatg		765

<210> 2994
 <211> 766

<212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(766)
 <223> n = A,T,C or G

<400> 2994
 ctntctntgac taatgnactg aacngcaaata tcccntanna anccnngcgg tgcgggnctn 60
 cagactgtag aagcagaagg nncatnccc gatgnttngn ttttggtgcn aaggaccgnc 120
 cnnnttagnc nctgtccctg atatgacgcc gcaatgccng angaancnca cccaanacga 180
 cangcttgtc nagataagcn cgcacaggga gcangcagna ctgctgcagn tgccgcagcc 240
 gcanccaccc tacaggganc tgcaacaaaa tggacaaaacc acanacanatg cngaggagaa 300
 tggagcccat acnataccaa ataaccatac ngatatgagg gaagtggatg gggatgttga 360
 aatcccnct aatanagcag ccgtgtannn gggccatgaa tctgaaactc tatcaagngc 420
 ctgcancccn ggtagcganc tctagcgnc atggnttggg gactcaacan cangnatag 480
 gaancttaag cgagaacanc ancagnngct ctacanaacc gtactnagan atngtatncc 540
 acanggangg cancangtnc caagcnacaa ngangtnana ncngtanacg ggaannaana 600
 anggacactt ntggccaccn gggccctatg angggaancc ccngaatacg gactaaagaa 660
 ggnaaacctc ctaaccanct tangggcaca ttaaagccct ttattcncat taaaaaggna 720
 atnccaaagg aaatttncaa cccaagcncc cggccgngn naaaat 766

<210> 2995
 <211> 746
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(746)
 <223> n = A,T,C or G

<400> 2995
 cnttttgatt tcnctttggc naccnctct tnttgcagga tcccatcgat tcgaattcgg 60
 cagcaggaga atactttata cttctcagct tttttgtat ttgactgtga cctggttata 120
 ccatttgcca ctgtgaggct tagctgtgca tctgtgaatg ggagattgtt cttagagatt 180
 ggtcatagtt gtccacctgc ctcggaaact gcaggtacaa atgcagcagc aaagtattta 240
 cattcttact tcagggtga tctcctatct ctatcagtc ttttgaaggc anagaatgtt 300
 aatttggaac aacctgcata tttattcaaa tttccagaga gatgaaactt tcagaatgct 360
 gtgctgcagc gccccctagt gccgngctgt actgatagtc cccagcgtct cctgaagccg 420
 aaagtgggtg ttcccgagc tccggcgagg gagctgtagc cagcaggttg tgcaagtga 480
 cattagacat cttttctcct tctgccttc cttgggctga gatggaggaa tgtgtcttta 540
 ttgctgaagg caaggtcttt gtttttcctt tagcaggaac actggtttcc cacttcgnt 600
 aacctttgcc caaggtttct caactcaagc cccctgaggc cgtagtggcc ttcacacacc 660
 tccagaaggt aaactgacca gcttanccaa caggctatgc tttaaggang aagggtcttt 720
 tggttcccat cctgctgggg gggggg 746

<210> 2996
 <211> 739
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(739)
 <223> n = A,T,C or G

<400> 2996
 tcttctnant tcnnttggt cttgntcttt ntgcaggatc ccatcgattc gcggcacgag 60
 cccaggctgg tcttgaactc ctcagctttt actttagctt cccagtgtgt tgggattaca 120

ggcatgagcc	acaataacctg	gccaaagtcc	ttttttta	caaatagactt	attaatacac	180
agtttcctttg	ccagcttttg	ttttcatttg	ctatcaaaaa	tgttgcttag	tagtgctttg	240
atctgagttta	tcaataacag	gtaaatagcca	ttatggataa	taattcaaaa	agaagcttat	300
taattatttag	gcctatctga	gagtgaagta	aagttagcat	tttctttttg	tttattttac	360
ttattgttta	ttgttttaga	gacagggct	cgctgtgttg	cccaagttgg	agtgcagtgg	420
tgctgtcata	actcattgca	gtctcaggct	ggagtgatcc	tcccatctca	ccctcctgag	480
taggtgggat	tagcatatgc	caccatgcct	ggctaattct	tttatttttt	aatttttttg	540
tggagatggg	gtcttgccgt	gttcangttg	gtttcaaact	cctggnetca	acggcttggc	600
ctccaaggtg	ctaggattac	aggtgtgagc	taccatgccc	agctgagcat	ttttaaaaaa	660
tactgggctt	tgacatgagt	cgttactatt	ggatctaacc	ttatgactga	tatccctaaa	720
aatattataa	aatttaagg					739

<210> 2997

<211> 748

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(748)

<223> n = A,T,C or G

<400> 2997

gaagttgtng	atcagctctt	gttctttttg	caggatccca	tcgattcgaa	ttcggcacga	60
gagcaaccct	agcaatagac	tgactctact	acaaaacaat	ttggttat	ctcttactat	120
ttctctatta	tatctgttga	gggaatgtta	tcatgagcac	aggtattagt	cctatgcttt	180
taatcggttt	agtggtttct	ttgtgtctca	ttttattcat	ttgtaatttt	tttaaagact	240
ataaaacttc	cacagtttct	ttagatcatt	aagttatatg	actctttttc	atgggggtca	300
gttaacaata	cataagaaaa	catttggtct	aggataatat	atgacctaac	agtcttttgt	360
tagacttaga	gatatcaata	tgctttctat	gtttcaggca	tattttatat	tcctggaaat	420
taaacaatat	attttaggac	cccataccat	gtgctctcag	taggacgatc	acaaatcagt	480
gatcatattc	tagtggttct	ttatagggaa	tgtaaaccta	tgtcattaca	ttgttagtac	540
aactgacagt	gaaatattta	aaaaatctnt	gtcagccaac	aataatcata	cttcaaataa	600
gccttatgat	atgtgatatc	acattgggtga	gtgaattttg	gtcaaggcag	tanaatggag	660
tcactaagag	gacagtngga	caagctgtct	gagtttcaat	cccagctntg	gtactcacta	720
ntggngacat	ctttgggcca	atttactt				748

<210> 2998

<211> 745

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(745)

<223> n = A,T,C or G

<400> 2998

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acgagacat	gttgcccagt	ctggcttagt	ctggttttaac	aagttggtgc	tgtgtaatga	120
tatatgtgtg	gtgttaattt	gcttggttct	aagtttaaat	gaggtagagc	attttatgac	180
atgcctgttc	tagtcttttg	cttatttttc	taattgcctt	ttctttttct	taataatttc	240
agttcttcat	atgttcagca	tactagtcct	ttgtcaattt	acatgtattg	aatatatata	300
ctctcccatt	ctgcggctta	ttgttccatt	cttcatgaac	atttgtaatt	ttaatgtcct	360
attttagacct	ttcctctgtc	tattgtttta	tattttgtat	taaaggagtc	attcattact	420
ccaagatcat	gaagattttc	ttgtatgtaa	tcatgtaatc	ttcttaaaag	ctttatggct	480
tttgcttttt	tttttttttt	ttaagagtct	tggtgtgtct	ccaaagctgg	agtgcantgg	540
cacaatcaca	gtcactgca	gcctcagcct	ccctggccca	agtgcacttc	cacctnacct	600
tctgagctgg	gactatagcc	atgcaccacc	atgcccagca	aatttttatt	ttttgaagag	660
cccgattcac	tgggggtgcc	cangctgggt	tcnaatgcc	tgggctcaag	tgatcatcct	720
ggcntgggccc	tccaaaggct	ngggga				745

<210> 2999
 <211> 757
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(757)
 <223> n = A,T,C or G

<400> 2999
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 ttcgaattcg gcacgagtct cgatctcctg acctcgtgat ccgccnnccct cggcctcccc 120
 ggggtgctggg attacaggcg tgagccaccg cgctgggcct ggatcaaadc tttatccatg 180
 cacattggaa cacaggatta ctgggtngaa atcatnctag ttttgtcatt tagatacttg 240
 tagatgaatc tatttttagca canggtataa ataactcggg aggtcatctc tatcttnttt 300
 ncttttgtgc atntggctat accacgttta ggtactaaaa cagctttgct tatgttggcc 360
 angggaaaaac atggnaattct gtgcgcaaag ctaatgatcn ncagccctgc cttggccctc 420
 cccttgntta tggtcattgn aagatgcccg catgttaagg ctnannctgt cactgggctg 480
 ggtgtaatac ccgatnnatt cctgcngcna ncctctnacc cgaacatga anggcactgg 540
 gctctattga gatctcgata ngatcatcat tntnaactng tnttcnactg agggangtaa 600
 acatgatatac tgggtgctgg tggattgaga cctcaagcat caattcaaaa gtgctggcaa 660
 naatatgcac ttatntnttt ntgcactctg gctaagtgtg ngctctgatg ccantttata 720
 agttggnaca ttctggggaa aaatggtnc ttttnaa 757

<210> 3000
 <211> 860
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(860)
 <223> n = A,T,C or G

<400> 3000
 ngctnctnnt cnngntggct tncgtgctcc tgcangagcc natcgattcn aattcgcacg 60
 aggcenacac tcgnattccc cggcccttng cagcmttggg gctctagccg gggccggagn 120
 gggagcggcg gggcccttgg agagacgggg ggcgcaaccc ggacgacnct ctgngaccgg 180
 ntacggggac tgcgccgtgg gcgcccggnn ccaggacgag ctaacagctt tgcttcgcct 240
 gacggtgggc accggtgggc nagaagccng ancccgcggn gaacctnngg ggattgagcc 300
 gtcgggtctg cangagccac caggnccttt cgttccggag gccgaccggg cccggatgcg 360
 ggagccagag gccaggagg actacttcgg aatcatgtc acatggtccc ctntgcacgg 420
 agccctctgc caagccagat ccttttcttc atncttggaa gtctgcagtg gagagaaatc 480
 attctataac tgaacagctc gtttgactga tgggaaaact gaagtccan agacgatntc 540
 tgggcctacc tggttttctc tagaaaagta ttttcaagtc tggttgcttg aaccacctgt 600
 gggacntggg gatttttttg aancggnnca attccttaca acacntggna accnnganna 660
 accnnttacc cctttggccc ctggtnggtg aannnnnttt tttcttnccc ccaaaccng 720
 gnaaaaacct tnaaggcnn ttcttggnaa ttggcccaag ggggganccc aattaanctt 780
 tttcnnaact ttttttttc cccaanggtt ttncccttt taaggggnaa annggggnt 840
 ngnccctgan nggttttana 860

<210> 3001
 <211> 860
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(860)

<223> n = A,T,C or G

<400> 3001

ngctnctnnt	cnngntggct	tncgtgctcc	tgcangagcc	natcgattcn	aattcgcacg	60
aggccnacac	tcgnattccc	cgcccttng	cagcnttga	gctctagccg	ggcccgagn	120
gggagcgcg	ggcccttg	agagacggg	ggcgcaacc	ggacgacnct	ctngacgg	180
ntacggggac	tgcgcgtg	gcgccggn	ccaggacgag	ctaacagctt	tgcttcgct	240
gacggtggg	accggtggg	nagaagccng	ancccgcggn	gaacctngg	ggattgagcc	300
gtcgggtctg	cangagccac	caggnccttt	cgttccggag	gccgaccggg	cccggatg	360
ggagccagag	gccagggagg	actacttcg	aatcatgctc	acatgggtccc	ctntgcacgg	420
agccctctgc	caagccagat	ccttttcttc	atncttggaa	gtctgcagt	gagagaaatc	480
attctataac	tgaacagctc	gtttgactga	tgggaaaact	gaagtccan	agacgatntc	540
tgggctacc	tggttttctc	tagaaaagta	ttttcaagtc	tggttgcttg	aaccacctgt	600
gggacntggg	gatttttttg	aancggnca	attccttaca	acacntggna	accnnganna	660
accnnttacc	cctttggccc	ctggtnggt	aannnnnttt	tttcttnccc	ccaaaccng	720
gnaaaaacct	tnaaggcnn	ttcctgnaa	ttggcccaag	ggggganccc	aattaanctt	780
tttcnnaact	tttttttttc	cccaanggtt	ttncctctt	taaggggnaa	annggggnt	840
ngnccttgan	nggttttana					860

<210> 3002

<211> 764

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(764)

<223> n = A,T,C or G

<400> 3002

agctnccaca	nanagctgna	ttccganctt	nctgcaggag	ncntcgatn	cgaattcggc	60
acgaggccgc	cactcgatc	ccccggccct	ttncagnntt	ggagctctag	ccggggccgg	120
agtgggagcg	gcggggccct	tggagagacg	gggggcgcaa	cccggacgac	actctgtgac	180
cggctacggg	gactgcgcg	tgggcgccc	gtaccaggac	gagctaacag	ctttgcttcg	240
cctgacggtg	ggcaccggtg	ggcgagaagc	cggagcccgc	ggagaaccct	nggggattga	300
gccgncgggt	ctgcaggagc	caccagggtc	tttcgttccg	gaggccgccc	gggcccggat	360
gcgggagcca	gaggccagg	aggactactt	cggaatcatg	ctcacatggn	cccctctgca	420
cggagccctc	tgccaagcca	gatccttttc	tccatccttg	gaagtctgca	atggagagaa	480
atcattctat	aactgaacag	ctcgtttgac	tgatgggaaa	ctgaagtccc	agagacgatt	540
tctgggccta	ncctgctttc	tctagaaagn	atthtcaaag	tctgcttggt	gagcaccttg	600
tggactggca	atntttgacc	ggatcatccta	cacactgnaa	caagagatca	taccttggt	660
gnggtagcct	ttntttccca	acagaaacta	aancatntga	atgcccggga	ccatatcttt	720
gaattttttc	aaggttcctt	aagggaagng	gngcctgggg	tnaa		764

<210> 3003

<211> 764

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(764)

<223> n = A,T,C or G

<400> 3003

agctnccaca	nanagctgna	ttccganctt	nctgcaggag	ncntcgatn	cgaattcggc	60
acgaggccgc	cactcgatc	ccccggccct	ttncagnntt	ggagctctag	ccggggccgg	120
agtgggagcg	gcggggccct	tggagagacg	gggggcgcaa	cccggacgac	actctgtgac	180
cggctacggg	gactgcgcg	tgggcgccc	gtaccaggac	gagctaacag	ctttgcttcg	240
cctgacggtg	ggcaccggtg	ggcgagaagc	cggagcccgc	ggagaaccct	nggggattga	300
gccgncgggt	ctgcaggagc	caccagggtc	tttcgttccg	gaggccgccc	gggcccggat	360

gcgggagcca	gaggccaggg	aggactactt	cggaatcatg	ctcacatggn	ccccctctgca	420
cggagccctc	tgccaagcca	gatacctttc	tccatccttg	gaagtctgca	atggagagaa	480
atcattctat	aactgaacag	ctcgtttgac	tgatgggaaa	ctgaagtccc	agagacgatt	540
tctgggccta	ncctgctttc	tctagaaaag	attttcaaag	tctgcttggt	gagcaccttg	600
tggactggca	atntttgacc	ggtcataccta	cacactgnaa	caagagatca	taccttggct	660
gnggtagcct	ttntttccca	acagaaaacta	aancatntga	atgcccggga	ccatatcttt	720
gaattttttc	aaggttcctt	aaggaagngg	gngcctgggg	tnaa		764

<210> 3004
 <211> 751
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(751)
 <223> n = A,T,C or G

<400> 3004	
nntncntnac	tnntttggct acccgttctt tntgcaggat cccatcgatt cgcagataca 60
gcctagtgtc	cctcagttac acaatagtgt ntccccntt ggtaggacag tctactactg 120
agtcctcctg	gcatgagtcg agctgagatt aggatagggt aatgaccctt cagttttggg 180
gaagggacca	gagctcggcc agtgagaagc ttccagctcc gtctggccat atccaggctg 240
ctgagggtcc	tgggctctgt ccttaaacct catcactgac atgaccagc aaacctctc 300
aagaggaaaa	agtcctcttg ggtcaaacac agcttggtgca gttctcgggg acctcctcct 360
gccatcctgg	ggatgctgtg gagaatggag atgcacaggg ggctttgtcc tctcctctgc 420
cttttggaga	aaatatttca ctcaaggcaa acgcagcctg agggcagcac aggggacccc 480
aaggctcact	gcgcatttct agtcgcccc aaacgcgtgg gttttctctc tggctctctc 540
gtgggtgctt	ttgctcattc tcatcctcct gttctcatnc agtctgccc gtctgaccgg 600
cttcancag	catccggcca aaagtctctn ccatgacagc aggaaccacc tnagacaata 660
catgatggac	angcctgctg ngttccaata gaaccccgan ttaattaanc ccgaccttcc 720
ttttanctgg	atactggtaa tgacaggggt c 751

<210> 3005
 <211> 792
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(792)
 <223> n = A,T,C or G

<400> 3005	
gnnnnnnnnt	ntatanatac angctacttg ttctttttgc aggatcccat cgattcgaat 60
tcggcacgag	cctcatcagc aagccagtga gagggtgctt atccgaggat gatattccat 120
cacctntgtc	agattctgct tactagtcag nccccaggcc caggccactc gcaaggggag 180
gacattacag	gaggcgtgag tatagggtgt gtgatctgtg gggaccgtcg cagaggctgn 240
ccancacaag	gggttaaaac ctataaaact tcgaagttgg atttaataat tntcaattac 300
taggaaatag	ataaaaacaa attttctgtc cttcacanaa cactaaagta tgtattggat 360
ttntatccc	ccctgaattt tgctgtgtgn gtgcttccca gttgaagcag taattcaggt 420
tcattaatgt	ttacttcaaa gccgaattgg agncttgact nacacagttc aacgctcttt 480
tcagtaacan	tntcaaatc ctttacggtt atttntgtcc acataacaca ctatcctaaa 540
atgctggggc	ttaaagcagn caccactgtg tttgcttacc atgctgnnga tcagcattta 600
nggctgngct	cgngntgggc cgnttttcat gtgaattagc ttcttgggcn ttaacttcgt 660
gtgggtgctn	gccntnggt cttgntgggc naacttggga caattcccag ggggaccctt 720
tgggaatggn	ccttgngaaa ttncgggaaa ccgtggggnt ttncccaan ccaaanttg 780
nnaacccagg	gg 792

<210> 3006
 <211> 728

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(728)
<223> n = A,T,C or G

<400> 3006
cncntnaact cnaaaacttt ccgcccnenn ngcangaccc atcgatncga attcgggnacg 60
agcctgnntc caggagatat gngcgttttt tcagcagtga tnaaaatcnt gggcaggtgt 120
tatngcncctg ttngcntgaa ncacacncac ctacncngcn ggaaacaagc aggntgntgc 180
ttacttgctt ttcccaggca gaagtggcca gaggccgggc ngaaaggatc caccaacanc 240
cnccnatnca tgatngcann tgnncnntnn tggnaangnc ancaaaagcn cacttgctgg 300
tgaagggtgc ngangnnggn nncaaacnct ttnacncgca nnagaaccna atnctttaac 360
gggnacaaat ggggctgctc acgctctgga ccnntccccg gaagactctg aanagnnggc 420
tccttttcgg gttgtgact ggtgcttgna gctgccaaac ccnacaaaac tgaaaatata 480
gaatggnntc acgtatanag ncacannnca caantgccgg actacagccc ntgancgaat 540
gnaancactt gcncatatta cntgacnctg gannacaaac tntgaaaant actctctgnc 600
ctgggnggcc atnaattctg ccacctgnag atnccccatt attncttaat aacngaaaac 660
agngcttgcc tccgatagtt aangcgggtg ccnctaagcn ttaacgnttc gcaanattnn 720
tcagatta 728

<210> 3007
<211> 752
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(752)
<223> n = A,T,C or G

<400> 3007
gangtgctnt ntctttttga ggatcccatc gattcgaatt cggcacgagg agcggggagg 60
cgagcatgag cccccgagcc ggccctgtgg cctcctggat gaggatggga gtgagccctt 120
ccctggggcc agaggggagg tccctggagg cagcgtcac tatggggggc cctccctga 180
gaagaaggca aaaagttcct ctgggggcag ctcccttgcc aaggggccgg ctagcaagaa 240
acagcagctc ctagccacag cggcccacaa ggattctcag agcatcgccc gcttcttctg 300
ccgaagggtg gaaagcccag ctctgctgac atcagcccca gaggcagaag gtgcctgccc 360
ctcctgtgag ggggttcagg gacccccgat ggccccagag aagtaacacag gggaggaaga 420
tggagccggg ggacattcgc ctgccccttc ccagactgag gagtgcctca gggagaggcc 480
aagcacctgc ccgcccagag accagggcac ccctgaagtc accaccctt gcaaaggaca 540
catggaangc caagcnggct cgatcccagc aggagaaccc agagagccag cctnaagaag 600
aggcacgccc cttaaccaaa cccttcgtcg tanccttgagg tcaaaggcaa cgtnttcggg 660
canccgaaac anggcacctt gnattccaac ggnttnaaga acccnttnca cttttccggt 720
tcttggcgtn ttccttgaag gaaggttcaa an 752

<210> 3008
<211> 720
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(720)
<223> n = A,T,C or G

<400> 3008
gnntcttcga tcagctcttg ttctttttgc aggatcccat cgattcgtgt attcagaaga 60
aagcaaggat agaatgagta taactcttta aaatttggag gcaaaattgg ctgtgagttg 120

ccatggagat	aggagcaatg	gatgtccaag	gtctgaggaa	atagaaactg	ttcgaaataa	180
ttgcagagaa	agcttgccaa	cggtgataag	taggtttgtc	tagcagcact	gatgcgtcgt	240
ggaagttgat	ggcatgaac	atacagtgtg	ataacctatc	tgccctcttg	accttttcta	300
gtagtgtat	gtcatttttg	tactaaggta	ggtgaatttt	ccaagtgttc	ttggaaataa	360
ggaaacatca	agaataatgt	aaaagcctca	tatacaataa	tgaataataa	agaataatgt	420
gaaggcttca	ttcaaggttg	gggtttgcc	gatacattgc	aacaaaatga	cagagcagcc	480
aaggtattta	ggatagtggc	caaagtattg	taatgatggc	ttatggagtg	tcagctggat	540
aaagagtga	aatgaataaa	aactaatgga	ttgttcagtc	gaatagcaga	tggtacaatg	600
gtacatggcc	agtagaatag	gggcccaata	aattgaagac	catcagagtg	gagtgataat	660
ccacaagtgg	atgcagggat	cnagccaagt	cgatgacatg	catgttgcta	tgtggacaga	720

<210> 3009

<211> 748

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(748)

<223> n = A,T,C or G

<400> 3009

gnnnnttnna	tcagctcttg	ttctttttgc	aggatccctc	gattcgaatt	cggcacgagg	60
aaggaagaaa	atgttggaact	ttgttttaaa	agtggataac	tatcttctta	aacaacttgt	120
gtttaaaaca	agccccaatc	cacacttgat	cttcttaagc	taggaaaagt	gagctcacac	180
tgagtgtctg	caggatgctc	catgtgcac	attattttgt	ttaattctca	caataactct	240
ctaaatccct	tttgaggata	aggagactgg	ggctgggaga	agttatttca	aggagtaaat	300
aaaaaattca	gacccacttg	ggttttatgc	caaaggctct	gtttttacaa	atacacaata	360
ttgttgccca	gttgtgatga	aacataat	atgaatttca	ctgagggaat	ttcgcaaaag	420
gaaagaattt	acttttccct	ctaaagcaga	ggcttttcat	atgcaactgt	taaaagacac	480
acgagcttgt	gggtctgatg	gggtgtctga	gctgtgtctg	ttgggagagc	tgctgggaca	540
ctagcaggaa	gacgtagttt	gtgtcantg	gccaaaggatg	gcgccccctg	aaggcaacca	600
gatccggact	acgcagtgtt	ttccaggtctg	gaggtgccct	notcaactgt	cttacaaagt	660
tcccaaagca	gccaccaaaa	tctggctgct	ccttatgccc	aaatggattt	ggcaggaaaa	720
aaggccaatt	gggcaancag	angcccaa				748

<210> 3010

<211> 780

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(780)

<223> n = A,T,C or G

<400> 3010

gnttctaattg	ctnggctctc	gttctttntg	caggatccca	tcgattcgct	taggggaagg	60
aaatgaaggt	cagctttggg	tatactagt	taaggtgcc	atgagacatt	cagataaaaa	120
ccagccacca	ggcatatgga	gataacagg	ctgaacttag	gagaaaagcc	tgggttgaaa	180
cagagattcg	gatatacctca	gtatgaaggt	gatagttgaa	actggggact	ggatgaccga	240
aagagatcac	ccagaacacc	agtacagaga	ggagagagct	gaggatggaa	ttttgggaca	300
taggtgcttc	tacagcacat	ggcaccaacc	tctaataatc	acaccacttg	ctattacatt	360
tgtattttga	aagagtagcc	tgcgagtaaa	tgggaggaaa	ctagattgta	tatgttgatg	420
agcaactaga	aacaaagaag	tgcaggcccc	tggttgtaga	ctaatgtttt	gaaacatttg	480
gctgtgggct	gggcatgggt	gctcatgcct	atagtcccag	cacttgggga	ggccaaagta	540
gaggatcact	tgaggccaan	agttcaagac	ccctgggcaa	catagcaaag	cccctgtgtc	600
tatttaaata	aattaaatta	aaatanaaat	cagnaaaacc	cacaaggctc	attattcctt	660
ttccaaaaaa	aaggaaaaaa	aaaagttggc	ttgttgaaaa	agnaaagggg	aaaccnaatn	720
gggccaatng	gctttggaag	aatctttngn	aaatggnttg	naaanacttt	ttgttngggg	780

<210> 3011
 <211> 754
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(754)
 <223> n = A,T,C or G

<400> 3011
 gnttcaanag acagctactt gttctttntg caggatccca tcgattcgaa ttcggcacga 60
 gattgtcttg tggtatggtg .cttcagcatt ggattcagca gccagcttcc tagtacgaag 120
 gcaacgatta cctccacagg gtcccttcca ttgtcctcct gcatcatttt cctccaactt 180
 gaataaatgt tctacccacc tttctccttt attttctcta cccctgtac cccgctccct 240
 ctcacaatta actctacagc agaatgtgaa ttctctgatt ttagaataac tattttatgg 300
 taacttcaaa tatatcctag ttgtatccac attcagcttg ggtagggtacc ttcatagtag 360
 ctcatggatt aattgtccac tgcacccaat catagtcatt ttgggtttgg gttgtcatat 420
 gctccccaat agatgaagaa gagaataact cttagccgac ttcacagca ggtagggaga 480
 gagtctctga tggagttata tttcattatt cctcacaatt gcatagtgcc ctcttacctc 540
 aaaaaaacc tttccagggtg ttttcaaagg aattatttta ttctncaca acaagcctgt 600
 gggantcgga gcaaaaggca aaagtgatta cctgagacat tagataactc gcaatatcac 660
 cctggttaac aactgagggg cccttgggct ttgancttct gntttccgaa tnanggcttt 720
 ttctgncat cntggcataa tncaanccat ggcn 754

<210> 3012
 <211> 753
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(753)
 <223> n = A,T,C or G

<400> 3012
 gnntncnaat agcnaggcta cttgttcttt ttgcaggatc ccatcgattc gaattcggca 60
 cgaggagaaa gtaaagtcct tttataatgg catgtgaacc agacaattta gtagccaggg 120
 ttgtaaggca actcttaact gacaatatag ttagtatatt ctgggccttc atcttcaaaa 180
 ttagtaggta gtatttattg agtgcatac atgtgccagg cctgggtgctg agtgcttaca 240
 atgatcattt tatatatggg aaaattgagg ctacagcagg tcaagtgcct tgtaagaggt 300
 agcactagta agtaacagtg ctcaaattca actaggtctt tcagcttttt atacaatact 360
 gcctgttatc agaaagtata gtcttaaaat ctgctatcaa gcatctatca gaagcctgat 420
 gagaaatatt cagatgatct aacgcagttc ccaaacctgc attgtgggcc gttttcatta 480
 caattaccta aggtgcttta aaaattttct tgggccctac tcgttggtgt tcagcagctg 540
 tgtaatggag caaaaaggaa tagtcactaa acagcgaagg aaagtgggtg aattattgaa 600
 agacctagca cttacctgct gggatgagtc tcttacccca cagaattgat ttcaaacaca 660
 ggacttattc aagataagga taataaccac tatcttcttg ggtnggaaaa aagtacatta 720
 gactgngttt ttaaaaaatt tggatgaat ttc 753

<210> 3013
 <211> 748
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(748)
 <223> n = A,T,C or G

<400> 3013

gnnnnnnnnan	ttntcaagct	acttgttctt	tttgcaggat	cccatcgatt	cgaattcggc	60
acgagatgac	ttcctagctt	tacccggggt	tttttctgca	ggtggagaag	ggtggagtcc	120
tcccagatgg	ttctttcttt	gtccccctaa	cagcctttaa	gatgtggcta	cttgtttttc	180
ccaccgttta	acaccctcca	acttcatttg	gagcacgggt	tcctcaaggg	atcctgagag	240
ctgggtgctg	ggtgctggtt	tggagaggca	ggatgatgct	tctcccggct	ggggagagca	300
gagcaggaag	gctggttggc	gccatgagga	aagagccacg	aggtttttagc	tcccgaaccg	360
actcgtcagt	agccccctct	ccatgttggt	tttacatttt	tccctcctgg	tctggactac	420
tttagcgcaa	ggagcccagc	cagacacggc	agcaggccgc	attgaccctg	ctccatcgga	480
ccccagcccc	tatctccaag	agacagagga	ggggtcanga	ggcactgctc	atctgtacat	540
actgnttcct	atgacattac	tggatttaag	aaaacacccat	ggagatgaaa	tgcctttgat	600
tttttttttc	tttttgtact	ttggaaccac	aaaatgaanc	agaacttgac	cctgagctta	660
aataacaaaa	ctgngccaac	tactactggg	gatgcctaata	atgaatccac	gtgtaaccag	720
ttntaatcct	ttattttttaa	aaaaaaaa				748

<210> 3014

<211> 835

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(835)

<223> n = A,T,C or G

<400> 3014

tnntctnct	gnactntcgg	gaacttcctc	tttgtgcagg	atcccatcga	ttcgaattcg	60
gcacgaggga	agtacaaatt	aagatcacag	tganttttnc	ttatccactt	gtcacaatgg	120
ctaaaaataa	caatagtggc	aataccaagt	cctgtgaagg	atgtggagaa	atggatcact	180
tatacactgc	tgggtgggcat	gtaaaatggt	acaaccagtc	tgaaaagcan	tttggcagtt	240
tnntataaaa	gnnaacatgt	aattatatgc	tgaggtctga	atgtcctcca	aaaattcata	300
tgntgacacc	caaaccctca	aggtganggt	tttaggaggg	taggcccttt	gggagattag	360
cttctgagga	tggagcccca	tgaatgggat	tcatgccctt	ataaaaaaga	anccccagga	420
aacgaccttg	cccttcacca	tgtnatcaag	aatgtgcggg	ctatttacga	naganncctt	480
gcncaaacac	tgaatctgac	ggtgccttga	nctcggggct	ttctgggcct	ctnntaacca	540
tgaggaaaana	aatctcannt	gntntataac	caacctancc	naaggatanc	cnggtattaa	600
caggccccac	antgngctaa	anatggncat	attgaacccc	accagttanc	cacctctttg	660
ggccaatttt	atttnccaag	gggaaaatgg	tnaaaattgg	gggnttnatt	acccaaaaaa	720
acccttgtnn	ccnnnnnaaa	angggttcca	ntanccantn	atnnnaaaan	cccntnnggt	780
tnanccccc	aanaaaacttt	tggggaaaac	aaannttnnn	aaaaanggtt	ttnt	835

<210> 3015

<211> 764

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(764)

<223> n = A,T,C or G

<400> 3015

gnatgtgnnn	ancagctctt	gaggatccat	cgattcgaat	tnnggcacgag	gggcggcttt	60
ggcctcacgc	ttcggggaga	ctgcctgtc	ctcatcgctg	ccgtcattcc	agggagccag	120
gccgcggcgg	ctggcctgaa	ggagggcgac	tacattgtgt	cagtgaatgg	gcagccatgc	180
aggtggtgga	gacacgcgga	ggtggtgacg	gagctgaagg	ctgcnggaga	ggcgggcgcc	240
agcctgcagg	tgggtgctgt	gctgccagc	tctagactgc	ccagcttggg	ggaccgccgg	300
ccgctcctgc	tgggccccag	ggggcttcta	aggagccaga	gggagcatgg	ttgcaagacc	360
ccggcatcca	cgtgggcccag	tccccggccc	ctcctnaact	ggagccgaaa	ggcccancag	420
ggcaagactg	gaggctgccc	ccagccctgt	gccccagtga	agccagctcc	gcctcatcct	480
tgaagcacc	aggtggccg	tgagggccag	gatccctgca	cgcctcacc	tggctccaac	540
tggcancaag	caccgagcat	gcccttccca	cccaaaggac	cttcnggcaa	tgccttgtnc	600

cgcccttatgc	ttggaagctt	gcctngggca	ccttgccctg	nccatttaaa	gactgggtcan	660
aacctgaaaa	aaaaaaaaan	aaaaacttcg	agaaaaggcc	cnaacattgg	agaatcaaga	720
attntatctt	ggcnacttgca	tttgancctc	tttcttaaaa	ttnn		764

<210> 3016
 <211> 772
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(772)
 <223> n = A,T,C or G

<400> 3016	
gttattcttt	60
tgtaggcaat	120
tttgcaaaga	180
tccacgtana	240
ataaaannna	300
ggcnattgan	360
agtnatggan	420
annacttnat	480
ngntgagagc	540
ncaacatcca	600
nanctnecat	660
tttttgtaaa	720
tcnccaancc	772

<210> 3017
 <211> 757
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(757)
 <223> n = A,T,C or G

<400> 3017	
gaagngctct	60
aggacgaagg	120
ggacccaggg	180
ggcagcggcg	240
cgtttccagt	300
ttacttctcc	360
taattgagac	420
ttttaatttt	480
gcaagaatct	540
cttacagatt	600
gacatgttga	660
agaagttaaa	720
tctgggttga	757

<210> 3018
 <211> 734
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1)...(734)
 <223> n = A,T,C or G

<400> 3018
 nctatnactg antncnttc nngetgcagg atccctcgat tcgaattcng cacgagggga 60
 cactggattc tcattctact caaactccca ctaggactgt tggcttggtc gcttctcaag 120
 tgtttgtatt tttctgagtt aatatttttg ggtgtaattt acatgtagga aaatgtacac 180
 attttttagtg tacagttcac caagcttttg caagcatgta tagcctggta acccacaagc 240
 caatggagac ctagaacatt cccgtgaccc cagatgctgg gttctgtgtg ccttcccagg 300
 gcttggtggc gggcacatca ggcattggcg gtaccatgcc tgacagctct gaaccagttg 360
 ggcagacctg gtctgggagg tgcagaggga cccagcaccc tgcaggcgtt tccttttgtc 420
 tcatgtagca gtgcagatgt ttgaaaagtc acacgtaaat cttgaaaaac tggaaacagg 480
 ccangcgtgg tggctcatgt ctgtaatccc agcacttttg gaggccaagg tangaggact 540
 gcttgaggcc aggagtttga gaccagcctt tggcagcata gaaagacctt gnetctacag 600
 aaaattttta aactagccag gtgtgggggg gttgcatgcc tgtagtccca gcaacttgga 660
 aggcnaagt tggaaggatt gcttgagcct aggaatccaa ggctncaatg agcccatgat 720
 caccaattga ctgc 734

<210> 3019
 <211> 795
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(795)
 <223> n = A,T,C or G

<400> 3019
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 gcaagatccc tccacctgtc attatgggtc aaaatgtgag cttcaagtat acaaaagatg 120
 ggccttgcat ctacaataat ctagaatttg gaattgacct tgacacacga gtggctctgg 180
 tagggcccaa tggagcaggg aagtcaactc ttctgaagct gctaactgga gagctactac 240
 ccacagatgg catgatccga aaacactctc atgtcaagat agggcggttac catcagcatt 300
 tacaagagca gctggactta gatctctcac ctttgagta catgatgaag tgctaccag 360
 agatcaagga gaaggaagaa atgaggaaga tcattgggcg atacggtctc actgggaggc 420
 cactgtagga ggatcaattg agcctagaag ttcaagacca gcctgggcaa agtagggaga 480
 ccccttctct acaaatagta ataaaatgaa ccggggcata gtagcatgtg cctgcggtcc 540
 ccagctgctc tgataagaag angctcactt tgaccccagg aaggttgang ctgcagttag 600
 ccataaccgt gcccgggttac cacttccaag cccttgattg accaggaacc gaanaccact 660
 tggncctcna aaaaaaaaaa naaaaaaaaa ttcannaatt ggcttgga aaanaanaa 720
 nmntnnnnnn anaanaaact ttggggccct tttttnaaac ctnnttgggg gaggtccgat 780
 ttacacntaa nantc 795

<210> 3020
 <211> 764
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(764)
 <223> n = A,T,C or G

<400> 3020
 aanccctttg aaaatcccct ttttgcagga tcccatcgat tcgaattcgg cacgagggan 60
 nttagggcan ganacaaagc agcntttgcc agnangagac actcattggn aggnctaag 120
 tcnccctgtg ctgatacaag catgaactnt ntggaaatnt ctgctantct gaaattacan 180
 cnantngnct ggggtngnng ngacgcntgg caatggttgt ntnnacacac nganttacnc 240
 tgaaccncaa cntggacngc acatnacaca catcanactt tcacngngca tctcgaactc 300
 ngggttcacc cgatncngaa accntatgct accaagaagt gcgtgncctc taggcacacc 360

tcactattgc	ccggcgaatt	nntgtgantt	cggagctttt	gcagaancnn	gannnctgca	420
tgaacnccaa	gctggactca	tannaccnga	nntcatctga	tccgcctgcn	ngagctccca	480
aagggctgng	atnatatggn	naagccacnc	tgcttatcca	aggtaaatnt	gaaantnnga	540
ccaacncngg	ntngatngcc	cnnaaaggct	naacgggnac	atgccnntaa	tgccaaaaac	600
ggtaaanctc	tctcancccg	ggaacccgga	actggnaaac	ttgngccgct	ttaccaata	660
atgnntccga	ataacgttnn	ancccaaaaa	nngggcccca	gccttagggg	gaancntgga	720
caagcccaca	anttggnaat	ggcctnnna	aaaaaatgn	ttnn		764

<210> 3021
 <211> 810
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(810)
 <223> n = A,T,C or G

<400> 3021						
ngtctntnac	ttcgtggctc	ctttngaaaa	tccccctttt	cnggatccca	tcgattcgaa	60
ttacaggctt	gagccactgc	accaggccct	aagagctctt	tnctttctta	tcacacagtg	120
aattaaaata	ttttggatct	taactatccc	atattaagcg	atcctttcct	caaataaaa	180
aaaatactta	attagaacat	atatgtttta	actgatacag	taagttgttt	gtaagcctct	240
agaactatag	tgagtcgtat	tacgtagatc	cagacatgat	aagatacatt	gatgagtttg	300
gacaaaccac	aactagaatg	cagtgaataa	aatgctttat	ttgtgaaatt	tgtgatgcta	360
ttgctttatt	tgtaaccatt	ataagctgca	ataaacaagt	taacaacaac	aattgcattc	420
attttatgtt	tcagggttcag	ggggaggtgt	gggaggtttt	ttaattcgcg	gccgcggcgc	480
caatgcattg	ggcccggtag	ccagcttttg	ntccctttan	tgagggttaa	ttgcgcgctt	540
ggcgtaatca	tggncatagc	tggttcctgn	gtgaaaatgn	tatcccggtc	acaattncac	600
acaaacatta	ccgagccggg	gagcnttaaa	agtggtaaaa	gccctggggg	tggccttaaa	660
ggaggtggag	cttaacctca	ccaattaaat	tggcggttgg	ngccttcaaa	ttggccccgc	720
ttttccaant	ccggggnaaa	accctgnncn	tggccaaant	tggaatttaa	aggnaaatng	780
ggcccaaang	ccccggggg	gaanaaggct				810

<210> 3022
 <211> 765
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(765)
 <223> n = A,T,C or G

<400> 3022						
gntnnttcta	atgcttgggt	acttgttgtt	ctttctgcag	gatecccatcg	attcgetgaa	60
atgtcaaaca	cggccaccta	ggcagcattt	acaagcaaga	gttactgct	tttttgatgt	120
atatnttaag	cgccccag	gaatgaacag	catataactc	cacataaaaa	tcattaaatg	180
taattgactt	ccanagcang	cagttctgnt	gtatgcctct	ggagaaggct	ggctgaattg	240
naattgggtc	gtaccttctg	tctatcatgt	acatgaggtt	tttgggcaaa	gagaactttc	300
cacaaaataa	gtccaaaaat	tatacgaatc	tcagacaacc	aatancatat	tgatganata	360
tctccaagat	ctanaaatnt	nctgngtgtc	aaggaaantct	ttgnggtttt	tacaaatatt	420
gataatgcac	ttntataaaa	atgcactttt	tataaaaatg	catgctcagt	tnagacaact	480
tggnaacacc	ctgaaaagg	ncnngcgtn	tgnngnacgc	ctgnaatccn	agcnctctgn	540
gaggccgaga	cgggtggatc	acnatgtcag	gaaaatngna	ccatnctggn	taacatggng	600
aaaacnccgt	ctctncttaa	aatnccgana	attngcagga	tntggtgccg	gccnctatn	660
gtncatttta	ctcannaagg	cttgagtnag	gaaaatgggtg	tgaanccctt	gaaanangan	720
nttttcaatn	accggggatn	ccnaccnttg	aatttnatct	gggga		765

<210> 3023
 <211> 757

<212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(757)
 <223> n = A,T,C or G

<400> 3023
 gnttntnecat antgaaagcn cttgttcttt ttgcaggatc ccatcgattc gaattcggca 60
 cgagcagatg gtttttaacg cctaccaggc tggggtagga gcaactcaaàc tctccatgaa 120
 ggatgtcaca gtggagaagg cagagagcct cgtggatcag atccaagagc tctgtgacac 180
 ccaggatgaa gtttctcaga ctctggctgg tggggtaaca aatggccttag attttgacag 240
 tgaagaactg gagaaggaat tggacatcct ccttcaggat accaccaaag aacctttgga 300
 tctgcctgac aacccccgca ataggcattt taccaacagc gtgcctaacc ctaggatctc 360
 agatgtgaa cttgaagctg aacttgagaa actgtcctta tcagagggag gtttgggtccc 420
 aagcagtaaa tctccaaaaa ggcaattgga accgactcta aagccattgt aggacctca 480
 agtgaaggac cctcatgtaa aagagagacc aggcctgctg ggtgtgtaca tagntattta 540
 aacaagaaac tctcagaatg tgtttggaag angagaaagg agaaccactg attttatctg 600
 gatgctacta cttactacag gacagatnga atttcttgga accgatgctt caaangcttg 660
 gttccactg natcatggac ctgccttnn atctttatag gggccncaa tttatacagt 720
 cctgtggctg acctgncatt tcatancctg cagttct 757

<210> 3024
 <211> 752
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(752)
 <223> n = A,T,C or G

<400> 3024
 ntaatccaan aaccttggtg aagcctttgn annnccnate ggcaggaccc atcgattcga 60
 attcggcacg aggaccagg tagaccagct caagagttca tgttctttgt catcctcctg 120
 tgagctctct gtaagtctct ttcttgccca tcaccacatc cctagtactg ggtatcagtc 180
 tggccacttg gctttctggt ttgcccacat gtggtctatt cttgatgcag ctaccaaagt 240
 aatgttttaa aacattata ccaagttact atccttgta aaacccccag taactgcaa 300
 tctcacttag aataaaatcc ggactcctgt gaagcacagc ataaactggc cactgcctat 360
 gcagcaacct catctttacc gtttcctgcc ttgctcactc cctccagcg ccgttattct 420
 tcctgatgcc cctagtacac aacaactnct tcctgtcca agagtaggaa aattactgnt 480
 ctctctgcc gtgagattcc tcttctggtta ttacctttgc ttcatgtctg aatcttctcc 540
 aatatcatct tctaaaaaga gccttttaa atcactttt ctattatgcc ctactcaatt 600
 tccagtcctt gaatgcccac tcccacttc atagcactta ttgctatctg aaattcacta 660
 aatgncacct tcatganggt aggcaattta atgncttggc actggtatgt ctanagacaa 720
 gcactggcta tagtaggcac tcaacaaata tt 752

<210> 3025
 <211> 763
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(763)
 <223> n = A,T,C or G

<400> 3025
 nctctactca gattgcttgg cgntctntnt gcaggatccc atcgattcga attcggcacg 60
 agccccactc ggggtatgtg aatgcccagc tggagaagga agtgcccatc ttcacaaagc 120

agcgcattga	cttcacccct	tccgagcgca	ttaccagtct	tgtcgtctcc	agcaatcagc	180
tgtgcatgag	cctgggcaag	gatacactgc	tccgcattga	cttgggcaag	gcaaatgagc	240
ccaaccacgt	ggagctggga	cgtaaggatg	acgcaaaagt	tcacaagatg	ttccttgacc	300
atactggctc	tcacctgctg	attgccctga	gcagcacgga	ggtcctctac	gtgaacccac	360
ttgagaaggc	tgcctcctag	gctctgctca	gtcatcttgc	aattgccaca	ctgtgaccac	420
gttgacggga	gtagagtagc	gctgttggcc	aggaggtgtc	agggtgtgagt	gtattctgcc	480
agcttttcat	gctgttcttc	agagctgcag	ttatgccaga	ccatcagcct	gcctcccagt	540
agaggccctt	cacctggaga	aagtcagaaa	tctgacccaa	ttcacccctt	gcctctagca	600
cctcttctgt	cctgtcattc	ccacacacgt	tctgttcac	ctcgagagag	agagagagag	660
agcacctttc	tttctgtctg	tcacttttgc	gggctntgga	atnccagctc	ttctctntca	720
gaagaagcct	tctcttcttc	tgcctttag	gtgtncctaa	agt		763

<210> 3026

<211> 933

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(933)

<223> n = A,T,C or G

<400> 3026

ntatcnttat	acgtctctaa	aancnttggc	tactngttct	ttntgcagga	tcccatcgat	60
tcgaattcgg	cacgaggctg	ccaccacccc	cgggcccagc	ctgtctgaaa	gttcagggtt	120
taggccgaaa	aacccggtgg	ggagggtggg	ggagccggag	ctctgtggcg	gggctggagg	180
gctgggtg	actttagttt	ggggcgggac	gggagccgcc	gttgtgactg	gcgtggtctg	240
gctgctgctc	ccgaacggag	gggtcagntt	tggcttgc	ggccctcaga	gcccagtg	300
tggctctgac	tcggctccct	actccctgca	cccagctggg	cgcaccttgg	ggcctgcggt	360
ctgaatgtat	ccctccctn	agttttaacc	tgagctgccg	aacgcacagt	gggcncgggg	420
gcnaagctgt	gnngaaaccg	gggcccaatt	acggatcccn	ggaagttaca	ggtgccnacg	480
tgatgtcnc	ttntcttgg	gcccaactta	ccttacttgg	tcttgaanac	ttagcttctt	540
ngggggtag	gcccngggg	cccnccaaaa	aannctgg	nnccccgnt	ttccaaccn	600
ttggccccg	tggccttgn	ttganttatt	gangeccctg	gntttggncc	aaataaance	660
ccccttgggt	tntggggggg	aaaggnaatt	tttngggccc	caaccnccn	tttggaataa	720
aancccccg	gaangggnaa	aaaaccggg	nccnnttnt	tgccccttgg	gggttttttt	780
nccngggaaa	aaaaaccccc	nnttttaatt	ggggnntttt	ggggctcccc	tttccaanaa	840
aacacccttt	ggttttnaaa	agggggggga	attggngccn	ttnaaacccg	ggcccaaan	900
cnntaagnaa	tttcccnac	ccgctttnaa	nnn			933

<210> 3027

<211> 773

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(773)

<223> n = A,T,C or G

<400> 3027

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catcgattcg	aattcggcac	gaggaccacg	gtagaccagc	tcaagagttc	atgttctttg	120
tcacctctct	gtgagctctc	tgtaagtctc	tntcttggcc	atcaccacat	ccctagtact	180
gggtatcagt	ctggccactt	ggctttctgg	tttgccccaa	tgtggtctat	tcttgatgca	240
gctaccaaag	taatgtnta	aaaccattat	accaagttac	tatccttgtc	aaaaccccc	300
gtaactgcca	atctcactta	gaataaaatc	cggactcctg	tgaagcacag	nataaactgg	360
cactgcctat	gcagcaacct	catctttacc	gtttctgcct	tgctcactcc	cttcagcgcc	420
ggatttcttc	ctgatgcccc	tagtacacaa	caactccttc	ctgctccaag	agtaggaaaa	480
tnactgtctc	tctgccagtg	agattcctct	tctgggtatta	cctntgcttc	attgctgaat	540
cttctgcaat	atcatcttct	aaaaagagcc	tttnaaaatc	accttttcta	ttatgcctta	600

ctcantttcc	agtccctgaa	tggccattcc	ccactttcat	agccacttaa	ttgctatctg	660
aaattacact	taaaatggtc	accttcatga	tgggaaggca	attaattgcc	tttgtcactg	720
gtatgtctag	agaacaagca	gnttggctca	tagtaggcac	tcaacaaaaa	ttt	773

<210> 3028

<211> 773

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(773)

<223> n = A,T,C or G

<400> 3028

nttnagcnta	nnagccgttg	tantgaagcc	cnnttgctac	ttgctctttt	tgcaggatcc	60
catcgattcg	aattcggcac	gaggaccag	gtagaccagc	tcaagagttc	atgttctttg	120
tcatcctcct	gtgagctctc	tgtaagtctc	tntcttgccc	atcaccacat	ccctagtact	180
gggtatcagt	ctggccactt	ggctttcttg	tttgccccaa	tgtggtctat	tcttgatgca	240
gctaccaaag	taatgtnta	aaaccattat	accaagttac	tatccttgtc	aaaacccccca	300
gtaactgcc	atctcactta	gaataaaatc	cggactcctg	tgaagcacag	nataaactgg	360
cactgcctat	gcagcaacct	catctttacc	gtttctgcct	tgctcactcc	cttcagcgcc	420
ggtattcttc	ctgatgcccc	tagtacacaa	caactccttc	ctgctccaag	agtaggaaaa	480
tnactgtctc	tctgccagtg	agattcctct	tctggtatta	cctntgcttc	attgctgaat	540
cttctgcaat	atcatcttct	aaaaagagcc	tttnaaaatc	accttttcta	ttatgcccta	600
ctcantttcc	agtccctgaa	tggccattcc	ccactttcat	agccacttaa	ttgctatctg	660
aaattacact	taaaatggtc	accttcatga	tgggaaggca	attaattgcc	tttgtcactg	720
gtatgtctag	agaacaagca	gnttggctca	tagtaggcac	tcaacaaaaa	ttt	773

<210> 3029

<211> 773

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(773)

<223> n = A,T,C or G

<400> 3029

nttnagcnta	nnagccgttg	tantgaagcc	cnnttgctac	ttgctctttt	tgcaggatcc	60
catcgattcg	aattcggcac	gaggaccag	gtagaccagc	tcaagagttc	atgttctttg	120
tcatcctcct	gtgagctctc	tgtaagtctc	tntcttgccc	atcaccacat	ccctagtact	180
gggtatcagt	ctggccactt	ggctttcttg	tttgccccaa	tgtggtctat	tcttgatgca	240
gctaccaaag	taatgtnta	aaaccattat	accaagttac	tatccttgtc	aaaacccccca	300
gtaactgcc	atctcactta	gaataaaatc	cggactcctg	tgaagcacag	nataaactgg	360
cactgcctat	gcagcaacct	catctttacc	gtttctgcct	tgctcactcc	cttcagcgcc	420
ggtattcttc	ctgatgcccc	tagtacacaa	caactccttc	ctgctccaag	agtaggaaaa	480
tnactgtctc	tctgccagtg	agattcctct	tctggtatta	cctntgcttc	attgctgaat	540
cttctgcaat	atcatcttct	aaaaagagcc	tttnaaaatc	accttttcta	ttatgcccta	600
ctcantttcc	agtccctgaa	tggccattcc	ccactttcat	agccacttaa	ttgctatctg	660
aaattacact	taaaatggtc	accttcatga	tgggaaggca	attaattgcc	tttgtcactg	720
gtatgtctag	agaacaagca	gnttggctca	tagtaggcac	tcaacaaaaa	ttt	773

<210> 3030

<211> 751

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(751)
 <223> n = A,T,C or G

<400> 3030

ngttnnnntt	gtncntntnc	tctgaaancg	tttggctact	tggtcttttt	gcaggatccc	60
atcgattcga	attcggcacg	aggtaggttg	aaagcctggt	cagctattct	gcaagacagt	120
caaaaattgt	ttacagggct	ggacagcata	ttgctattga	aaaatagcta	ttaggagacc	180
ttgcacaatt	tgtgaaacat	tgtaggctc	attgtactgt	gtaaaatcag	gaaagaattt	240
gggaacatac	tgatacaaca	aaaagatagg	ttgtcaaacc	ctcacttnac	cagaaagcta	300
aattaaccag	ataagtcttt	ctgaaagtgt	tagtgtctta	gtttgttcc	gcgctgtaac	360
agaatacctt	agactgggta	acctataaat	aataggaatt	tatttctcac	agttttggag	420
gctggcaaat	gcaagatcca	ggtgctggta	cgttcagtgt	ctggcaagg	cggctttctg	480
gtccaagatg	gtgccttttt	ttctgcatct	tccataggga	atgaacactc	cttatggtag	540
aagggatgga	aggaccaggc	tttttttttt	ttttggatac	agcaggatct	tgctctgtcg	600
cccagcctgg	aatgcaatgg	ctgattaagg	tcaactgnag	ctcaatctcc	cacttttcag	660
cgatcatcca	ccttancctc	ttggatagct	gggaccgcag	cacanctaca	tgctgtntta	720
attattttgt	aaaaccgggt	tttctgtgcc	n			751

<210> 3031

<211> 752

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(752)

<223> n = A,T,C or G

<400> 3031

ntaatccaan	aaccttggtg	aagcctttgn	annnccnate	ggcaggaccc	atcgattcga	60
attcggcacg	aggacccag	tagaccagct	caagagttca	tggtctttgt	catcctcctg	120
tgagctctct	gtaagtctct	ttcttgccca	tcaccacatc	cctagtactg	ggtatcagtc	180
tggccacttg	gctttctggt	ttgcccacat	gtggtctatt	cttgatgcag	ctaccaaagt	240
aatgttttaa	aaccattata	ccaagtact	atccttgcca	aaacccccag	taactgccaa	300
tctcacttag	aataaaatcc	ggactcctgt	gaagcacagc	ataaactggc	cactgcctat	360
gcagcaacct	catctttacc	gtttcctgcc	ttgctcactc	ccttccagcg	ccgttattct	420
tcttgatgcc	cctagtacac	aacaactnct	tctgctcca	agagtaggaa	aattactgnt	480
ctctctgcca	gtgagattcc	tcttctggta	ttacctttgc	ttcattgctg	aatcttctcc	540
aatatcatct	tctaaaaaga	gcctttttaa	atcacctttt	ctattatgcc	ctactcaatt	600
tccagtcctt	gaatgcccat	tccccacttc	atagcactta	ttgctatctg	aaattcacta	660
aatgncacct	tcatganggt	aggcaattta	atgncttggc	actggtatgt	ctanagacaa	720
gcactggcta	tagtaggcac	tcaacaaata	tt			752

<210> 3032

<211> 768

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(768)

<223> n = A,T,C or G

<400> 3032

tnngttnnnn	ttgttatnnc	ctnngaaacc	nttggctact	ngntctttct	gcaggatccc	60
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ttgcccttgt	ccagacctat	tttctgcttg	cgtttttgaa	acaggagggtg	cacgtaccac	180
ccaattatct	atggcagcat	gcatgtatag	gccgaactat	tatcagctct	gatgtttcag	240
agagaagacc	tcagaaaccg	aaagaaaacc	accaccctcc	tattgtgtct	gaagtttcac	300
gtgtgtttat	gaaatcta	gggaaatgga	tcacacgatt	tctttaagg	aattaaaaaa	360
aataaaagaa	ttacggcttt	tacagcaaca	atacgattat	cttataggaa	aaaaaaaaatc	420

attgtaaagt	atcaagacaa	tacgagtaaa	tgaaaaggct	gttaaagtag	atgacatcat	480
gtgtagcct	gttcctaata	ccctagaatt	gtaatgtgtg	ggatataaat	tagtttttat	540
tattctctta	aaaatcaaag	atgatctcta	tcactttgcc	acctgtttga	tgtgcantgg	600
aaactgggta	agccagttgt	tcactctcgt	ttccaaatnt	aaaggatagc	tggttaggat	660
attttggtca	tatttgtaaa	tttttgaaat	gcttagtaat	gtgttttcac	cacaagtatt	720
tggtgcaaac	ttaatgncat	ttccttaana	agggtacage	tatgtaat		768

<210> 3033
 <211> 823
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(823)
 <223> n = A,T,C or G

<400> 3033						
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tgcgattcga	atncggcacg	aggacnnagg	nagaccanct	caaggagttc	ntgttctgtg	120
tcactcctct	gtgagctctc	tgtaagtctn	tntcttgccc	atcaccacat	ccctagtact	180
gggtatcagt	ctggccactt	ggcttnctgg	attgccccaa	tgtggtctat	ncttgatgca	240
gctgccaaag	taatgtnta	aaaccattat	accaagtnnc	tatnctngtc	anaaccccca	300
gtaactgcca	atctcacttn	naatnaaatc	cgnactccng	tgaagcacag	cataaactgg	360
ccactggcta	tgagcaacc	tnatntntac	cgtttactgc	ctngctcact	ccctttcann	420
gccnttgatt	cttctgatg	ccnctagtca	caacaactnc	tttgctgctn	caagagtang	480
aaaatnactg	atcnctntga	catgagatcg	catntttatg	gtattacctt	tgcgtcattg	540
ctgaatcttc	nccaatatca	tnttctanaa	tagagccttt	taaaataccc	ntacnntatt	600
atgcctntnc	tcaattttca	antccctgaa	ntgccccatn	tcnccacttt	tcagtagnca	660
ctttaattgc	ttatcctgga	aaatttanca	cctanaattg	gtcaccatt	gaaagaatag	720
ggnnatggca	aantttattg	gcctttngtc	naactgtntc	gmncttan	gaaccaagnc	780
aacttnggct	tnanaagtaa	ggcnccntca	acaaaaatnt	tct		823

<210> 3034
 <211> 823
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(823)
 <223> n = A,T,C or G

<400> 3034						
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tgcgattcga	atncggcacg	aggacnnagg	nagaccanct	caaggagttc	ntgttctgtg	120
tcactcctct	gtgagctctc	tgtaagtctn	tntcttgccc	atcaccacat	ccctagtact	180
gggtatcagt	ctggccactt	ggcttnctgg	attgccccaa	tgtggtctat	ncttgatgca	240
gctgccaaag	taatgtnta	aaaccattat	accaagtnnc	tatnctngtc	anaaccccca	300
gtaactgcca	atctcacttn	naatnaaatc	cgnactccng	tgaagcacag	cataaactgg	360
ccactggcta	tgagcaacc	tnatntntac	cgtttactgc	ctngctcact	ccctttcann	420
gccnttgatt	cttctgatg	ccnctagtca	caacaactnc	tttgctgctn	caagagtang	480
aaaatnactg	atcnctntga	catgagatcg	catntttatg	gtattacctt	tgcgtcattg	540
ctgaatcttc	nccaatatca	tnttctanaa	tagagccttt	taaaataccc	ntacnntatt	600
atgcctntnc	tcaattttca	antccctgaa	ntgccccatn	tcnccacttt	tcagtagnca	660
ctttaattgc	ttatcctgga	aaatttanca	cctanaattg	gtcaccatt	gaaagaatag	720
ggnnatggca	aantttattg	gcctttngtc	naactgtntc	gmncttan	gaaccaagnc	780
aacttnggct	tnanaagtaa	ggcnccntca	acaaaaatnt	tct		823

<210> 3035
 <211> 823

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(823)
<223> n = A,T,C or G

<400> 3035
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tgcgattcga atncggcacg aggacnnagg nagaccanct caaggagttc ntgttctgtg 120
tcatcctcct gtgagctctc tgtaagtctn tntcttgccc atcaccacat ccctagtact 180
gggtatcagt ctggccactt ggcttntctg attgccccaa tgtggtctat ncttgatgca 240
gctgccaaag taatgttnta aaaccattat accaagtnnc tatnctngtc anaaccccca 300
gtaactgccca atctcacttn naatnaaatc cgnactccng tgaagcacag cataaactgg 360
ccactggcta tgcagcaacc tnatntntac cgtttactgc ctngctcact ccctttcann 420
gcnttgatt cttcctgatg ccnctagtca caacaactnc tttgctgctn caagagtang 480
aaaatnactg atcncntntga catgagatcg catntttatg gtattacctt tgcgtcattg 540
ctgaatcttc nccaatatca tnttctanaa tagagccttt taaaataccc ntacnntatt 600
atgccnttnc tcaattttca antccctgaa ntgccccatn tcnccacttt tcagtagnca 660
ctttaattgc ttatcctgga aaatttanca cctanaattg gtcacccatt gaaagaatag 720
ggnnatggca aanttattgg gcctttngtc naactgtntc gnncttanen gaaccaagnc 780
aacttnggct tnanaagtaa ggcncntca accaaaatnt tct 823

<210> 3036
<211> 760
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(760)
<223> n = A,T,C or G

<400> 3036
ncgttgnnnn ttctntgatt ccttgnttga ngctctttct gcaggatccc atcgattcga 60
attcggcacg agggcagcta gagtcaggaa aatgaccctc atatgctttt aatctttgtt 120
tcagttgtct gtcagggttg aattaagaag ctactggttt attcccaatt gttgatgcct 180
ttaggtatgt tggaatcttt ttttttgctt aggaggggcc agttgaaaat ctgtgactca 240
agaggcagtg aacagaatac tgttttctgg ggaaaaattg gttggctact tgatgttaat 300
tatggcacag taacaggaaa aggttggtgc tgtgttttta agtttttctt tattctgctt 360
ttttgctgct ataagagttt tctgaaatth atattttaaa cttttcatgc actttactgt 420
ttctagtctc aaaatgtgat atttttaata aacaagaaat tttccattat gtgaatgaaa 480
ttttaaaaga caatagccta tatttggtgc tactaatat ataaagtata ggtcaaattt 540
aaattattta attagtttta aatatcacia tttgtctcct ctttcaaacc tgacatcttc 600
gggctgtttt attagtctaa atgatgcatt tacttttgct attttatgct aattctttca 660
tagtaaataa tcaggctata taaggtaata tttcccaana nggtaatttt aatgggacna 720
nggttggtgg gatgatgtca tatcatacat ggggattgcc 760

<210> 3037
<211> 764
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(764)
<223> n = A,T,C or G

<400> 3037
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ggcacgaggt	gatctgcctg	ccttggtctc	ccaaagtgtc	gggaatacag	gcatgagcca	120
ccgcactcgg	ccaggagcta	gttttatcag	catcctgtct	cactgccttc	ctctagtgc	180
gcctggaaga	catggcagcg	ggtagctcct	ggggctgagc	cagaagcatc	actgcagtga	240
aagtctctgc	ttacctgtct	ggctcagctt	gggcaagggc	tgggccatat	gtgctcaggg	300
acgtgcttct	cttgtaaggc	aggaggatag	aagaggacca	agaagggagg	gagctgccct	360
gtggtgcaca	caggcctgcc	atggggcgctg	ggagcccatc	ccgctgcctg	accggagctg	420
gctgctgtgg	tggactcagg	aaccactttt	aatactgcaa	ctgctccctt	ttgcccagtc	480
agggaaaagt	gactgtaagt	cccacctncc	cctncgtcca	cccttctagt	ggtttctctg	540
agaggtttct	ctgcttcagc	tgtgcttgaa	gtggcatgcc	tnctctgctg	canggetccc	600
ccaaccccc	cacggnctta	aagatgttaa	tttctttata	gactggatta	aagtcagcca	660
ttctttttcc	tcaaaaaaaa	aaaaaaaaaa	cttgagcctn	tanaactata	tgagtcgtat	720
tacgtagatc	cagacntgat	aagatncatt	gtgagtttgg	acnt		764

<210> 3038

<211> 787

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(787)

<223> n = A,T,C or G

<400> 3038

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gatcccatcg	attcgaattc	ggcacgagat	tggggactga	catcttaagc	tctcacctgg	120
ctgcagtang	aaaggccaaa	ctgacgacaa	aaaaaaaatt	ctttataaag	atgatatggt	180
aacatgtatc	tttgccttgg	gtctgggtgg	gtccagtcag	tctcagattt	acaagcattt	240
aggagcctag	gtaaaagctg	ctagtattct	tttaaaagtt	atattttatga	cttgcaatga	300
tagaaaactc	cttccaatta	aatggcattt	tataatatta	tgtgtgtact	tcacagtgtt	360
aaaaataccc	tcatacgtaa	ttgcatttga	tcttcacaga	aagtgcattt	taaccagtag	420
tctgggtgca	ataaataata	tgtagaaatt	taagtcctcc	aattccagca	tatccagtga	480
gttttgacag	tgtgtttatg	tggaaatgtt	aaggatatac	aattgtactt	tatataaatt	540
ggttcttggt	cttcttaaat	gtgacatgaa	ataattgngc	tgctacatta	tactggaaat	600
taacagggga	aaagggaaga	gcttcttggc	tccttgagg	tctgctantg	ggtgttaggg	660
agtggttaca	actgaacttt	tantaacat	ttaaccgtat	gtaaaacttg	tttctaatta	720
aaaaaaattc	ctttttccaa	aaaaaaaana	nntnaccccn	ntttttantc	nnnnnnanct	780
nanannt						787

<210> 3039

<211> 752

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(752)

<223> n = A,T,C or G

<400> 3039

ntaatccaan	aaccttggtg	aagcctttgn	annnccnatc	ggcaggaccc	atcgattcga	60
attcggcacg	aggaccaggg	tagaccagct	caagagtcca	tgttctttgt	catcctcctg	120
tgaactctct	gtaagtctct	ttcttgcca	tcaccacatc	cctagtactg	ggtatcagtc	180
tggccacttg	gctttctggt	ttgcccgaat	gtggctctatt	cttgatgcag	ctaccaaagt	240
aatgttttaa	aaccattata	ccaagtact	atccttgcca	aaacccccag	taactgcca	300
tctcacttag	aataaaatcc	ggactcctgt	gaagcacagc	ataaactggc	cactgcctat	360
gcagcaacct	catctttacc	gtttcctgcc	ttgctcactc	ccttcacagc	ccgttattct	420
tcctgatgcc	cctagtacac	aacaactnct	tcctgctcca	agagtaggaa	aattactgnt	480
ctctctgcca	gtgagattcc	tcttctggta	ttacctttgc	ttcattgctg	aatcttctcc	540
aatatcatct	tctaaaaaga	gccttttaaa	atcacctttt	ctattatgcc	ctactcaatt	600
tccagtcctc	gaatgcccac	tcccacttcc	atagcactta	ttgctatctg	aaattcacta	660

aatgncacct tcatganggt aggcaattta atgnccttggc actggtatgt ctanagacaa 720
gcactggcta tagtaggcac tcaacaaata tt 752

<210> 3040
<211> 811
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(811)
<223> n = A,T,C or G

<400> 3040:
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atcgcttcna attcggcacg aggttatncc agtatctgnc ancagaatgg cattgtgccc 120
atcggtggagc ctgagatcct ccctgatggg gaccatgact tgaagcgctg ncagtatgtg 180
accgataaag gtgctggctg ctgtctacan ggctctgagt gaccaccaca tctacctgna 240
aggcaccttg ctgaagccca acatggtnac cccaggccat gcttgcactc anaagttttc 300
tcatgangag attgccatgg cgaccgtcac ancgctgcnc cgcacagngc cccccgctgt 360
cactgggac accttcctgt ctggaggcca nactgacgag gangcttaca tcaacctaaa 420
tgccattaac aagtgcccnm tgctgaancc ntgnnccctg accttcttct actgncgagc 480
nctgcangcc tctgcnctga acgcctgngg cggnaataag gagaacctga agctgctcac 540
gaagaatntg tcaagcgaac cctgncnaac agcctgacct ggcaaggaaa gtncacttnc 600
gagccgggta ggctagggtt tgctgcaacc gaagtcacct ctttggtntt ctaaccatcg 660
ccttttttaa nncggaaggg tgtttcccca aggattgccc cccaanaact tnnaagnctt 720
ttggcccaaa tttccnantt tttgaaanaa ggnaggnccg ccntncttta nngggcttcc 780
aaaccttggg cttaganccc nggctttttt t 811

<210> 3041
<211> 757
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(757)
<223> n = A,T,C or G

<400> 3041
nggnttcnnt ctaactnaaa cngttnggna actcncctct ntctgtngat cccatcgatt 60
cgtaacaag cgattctaaa ccacctatga gtatttcttt tagggctcac ttaaatacat 120
gtttgtatat atgtattct agccagaata attttagatc tgatcaggta gtagctaaaa 180
ttagaaaaaa acaaaataga tgcttaaaga atttgcatcc atttttgagt ctaaatcttt 240
taaaatatac tgagatccac atctagtga atgtcagtgt caaaatatta tagattatag 300
ctaaaatcca gattaatact catttggggt tttttatagt ggaacttcat agtaatacaa 360
aaagcagatt gtcttcctgt ctccgctgct cccacagtag gtattgaaac tggtaaaatc 420
agttttttga tagtgtgtgt atataagaaa aaatagatac acacattctt ttttctcagt 480
caacacattg attgaacact ctggcaaaaga tgctgtggtg gatgangttg gagttcgaaa 540
agaagaagca agcgctggcc tgcttgaaa gaaccgaaa gtctttccca ttcacttctc 600
tagaaagctg ccaagacaga ngcagaaagg aaatggatga tagttctgtc aagcacactt 660
ctgntctcnt agaacttaga aatggttcta agagaacaga agttatngag aacagtctnt 720
tggaattca acatcttggg tgggacncat tggcttt 757

<210> 3042
<211> 788
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature

<222> (1)...(788)
 <223> n = A,T,C or G

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gccccactcg gggatatgtga atgcccnttt tgantaagga agtgcccatc ttcacaaagn    120
agcgcattga cttcacccct tccgagcgca ttaccagtct tgnctgtctc agcaatcagc    180
tgtgcatgag cctgggcaag gatacactgc tccgcattga cttgggcaag gcaaatgagc    240
ccaaccacgt ggagctggga cgtaaggatg acgcaaaaagt tcacaagatg ttccttgacc    300
atactggctc tcacctgctg attgccctga gcagcacgga ngtcctctac gggaaccac      360
ttgagaaggc tgcctcctag gctctgctca gtcattcttg aattgccaca ctgtgaccac    420
gntgacggga gtagagtagc gctgtnggcc angagggtgc aagtgtgagt gaattctgcc    480
agctttctcat gctgnnttca nanctgcagt tatgccagac catcagcctg cctncagnag    540
aggcccttca cctggagaag tcagaaatct gacccaattt ccacccctg gnctcnagca    600
cctcttctgn ccctggcatt cccccacnca cgnncctggt tnaccctcga gaagagaaga    660
nanaagagaa gcacctnnc tttccgactg gtaaanntct ggcgggcctt ttggaaancc    720
canctcctnt tntctcagaa ggaagccnnt nttcttcctt cctggnctga aaggtgtnc      780
aaaaaanc                                     788
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<210> 3043
 <211> 788
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(788)
 <223> n = A,T,C or G

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<400> 3043
gnnacantga acggaaagtc ccnaticnntg naggatccca tcgatnngaa ttcngcacga      60
gccccactcg gggatatgtga atgcccnttt tgantaagga agtgcccatc ttcacaaagn    120
agcgcattga cttcacccct tccgagcgca ttaccagtct tgnctgtctc agcaatcagc    180
tgtgcatgag cctgggcaag gatacactgc tccgcattga cttgggcaag gcaaatgagc    240
ccaaccacgt ggagctggga cgtaaggatg acgcaaaaagt tcacaagatg ttccttgacc    300
atactggctc tcacctgctg attgccctga gcagcacgga ngtcctctac gggaaccac      360
ttgagaaggc tgcctcctag gctctgctca gtcattcttg aattgccaca ctgtgaccac    420
gntgacggga gtagagtagc gctgtnggcc angagggtgc aagtgtgagt gaattctgcc    480
agctttctcat gctgnnttca nanctgcagt tatgccagac catcagcctg cctncagnag    540
aggcccttca cctggagaag tcagaaatct gacccaattt ccacccctg gnctcnagca    600
cctcttctgn ccctggcatt cccccacnca cgnncctggt tnaccctcga gaagagaaga    660
nanaagagaa gcacctnnc tttccgactg gtaaanntct ggcgggcctt ttggaaancc    720
canctcctnt tntctcagaa ggaagccnnt nttcttcctt cctggnctga aaggtgtnc      780
aaaaaanc                                     788
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<210> 3044
 <211> 804
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(804)
 <223> n = A,T,C or G

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<400> 3044
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gtttcattta agaagaatga gctagataaa tgtgtctctt tggttacccc accctgacng    120
agtgcatttt tacacggnta gcaggggttg agactgcagc ctggcctgcc agccattgga    180
ggtgttttaag gaagggcaga taatgtgact ctttgcgggg tgccatctgc ttacccatta    240
ncgagcagag ggggtntntg cgggtgaccc cnagcatatn tctaggttac ttatgggcag    300
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atttgtaagt	gacaatactc	cagctgatgc	tgggaatggg	gagagggccc	ttgagggact	360
ttgtgntncn	gtgcttctgg	tttcttgccc	aacccccagg	gtcaacttng	tcttggatgc	420
ccaancttgg	gcactaatgt	ctgncacctg	actatgtnaa	antgtntaaa	tgattcctct	480
antttnggna	tgagatcttc	caatccanag	gaancccnnc	tttggacttg	ccttgggtta	540
aatcttgcac	ancntaaagt	ggttngatga	agttcatctg	aagaaattta	nggcccaacn	600
tncaanccct	tnccccattc	ntgcttcctt	tttgaaactt	ggcttctggg	gaaactcnng	660
ccagaagtnc	ttgnggacac	cannccnttt	tngggggntc	tcaaggncgt	ttccnttngg	720
ncgtgncccc	aaagncnnaa	nngantcnng	tngcntnmat	tnggaaggaa	ttntctggntn	780
cctangttgn	ntnnattncn	aaac				804

<210> 3045

<211> 774

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(774)

<223> n = A,T,C or G

<400> 3045

cngtctaaac	cnttggctac	ttgctctttn	tgcaggatcc	catcgattcg	aattcggcac	60
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ctgcactcca	gcctgggcaa	caaaacgaga	cttcgtctca	aaaaaaaaaa	acntagaatt	180
tggatccttt	ggtcgggttc	tcccaaattc	ttttgagggtg	tccatgggtca	actgcttcag	240
ctttgtttttg	gcaacccctt	gcccgaagtc	gcataataggc	tggtcttcac	cttggtttcca	300
aggctgagga	acagaaaagta	gcctctgttt	tgaggagggtg	gaagttaagt	atacatttat	360
tttttactgt	gacttgtcag	gaccacattt	tacaaaatgc	cttgtttcct	tcattgnttc	420
tggaaaagga	aagtctctatt	aatattgntt	tactttgaat	atagaatagt	ttttttaatt	480
agggcttatt	ttgaaaaatc	tgagtttaat	tcaaatgttt	gccaatacct	tccaaagtaa	540
ggtaatattc	agagacagtt	gttgtgaaca	agatggctta	aaagaaattc	ttggaatatt	600
cacattcnna	agattcctta	ttaatgaatg	tctttgcctt	aaaatctaac	caaaaaactg	660
cacatttatc	ctttgggcat	ttttcattat	atagnngtaa	caagcttttag	ntgccaacca	720
aattaaaatc	cttaagcttt	ttaaaaaaa	aaaaaaaaaa	actcngccc	tttt	774

<210> 3046

<211> 779

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(779)

<223> n = A,T,C or G

<400> 3046

cttnnnttgt	ncntnttctt	tcaaatcgct	nggctacttg	ttctttttgc	aggatcccat	60
cgattcggga	agaggatgac	tgggtatgct	gtgccaccct	tgagggccat	gaatccactg	120
tgtggagctt	ggcctttgac	ccgagtggcc	agcgctggc	gtcttgtagt	gatgaccgta	180
ctgtgcgtat	ctggcgtcag	tatctaccag	gcaatgaaca	aggggtggca	tgcagcggct	240
ctgaccccg	ttggaaatgt	atctgtactt	tgtecggtt	ccactcaagg	accatttatg	300
acattgcttg	gtgtcagctg	acaggggctc	tggccacagc	ttgtggggat	gacgcgatcc	360
gcgtgtttca	ggaaggatccc	aactcggatc	cacagcagcc	caccttctcc	ctgacagccc	420
acttgcac	ggccccattcc	caggatgtca	actgtgtggc	ctggaacccc	aaggagccag	480
ggctactggc	ctcctgcagt	gatgatgggg	aggtggcctt	ctggaagtat	cagcggcctg	540
aaggcctctt	gagctacctc	gactttggac	agagtaatga	ctccccagaa	aacgtcatat	600
aagaanttta	ccaacccctg	aangaccaag	aaggagccat	tcctttgacc	ttcatttaac	660
ttgggctcac	tttttcttta	aaactttggg	tagaaaatgc	agagccccag	aattgctttt	720
ccttcccngc	ttttgacatg	aaggccttaa	gtaaaaagaa	ttcngaaca	ttaaaaaaa	779

<210> 3047

<211> 767
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(767)
 <223> n = A,T,C or G

<400> 3047
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 agctcaaaaca ccgtcagcag cgttgccctt ggaaatggga ttcccagaa cagtaaactc 180
 gtctgtcctt gatttacaga gtagctacat tcctaggaaa tccagggtac attaaaactc 240
 accatgttac ccaggctggg ctcaaactcc aggcctcaag caatcctcct cctgtctcca 300
 cacagacggc ttctgcaggg ttggtaactc acagtacact ccttgcaggg aaaagggtgat 360
 gagtcatcat ggacttattt gaccactttt tatgcatgct tagaggaaaa cagaatactg 420
 ttaagagatt catctgctag ttattaagta aagaaatata acaataggcc gggcgcatg 480
 gctcacacct gtaatcccag ctttttggga ggccaagggt ggccggatca cctgagggtca 540
 ngagttcgag accagcctac caacatgggt aaaccccgtc ttntactaaa attatnaaaa 600
 attagcccgg tgtagtgggt ccacgcctgt agtcccagtt actttgggaa gcttaagcat 660
 taagaattgc tttgaaccga ggaagttgga ngttggangt gaaccnnaaa tgtgccctgn 720
 acttcancct ggaacagant gagacacttg tncncaaaaa aaaaaat 767

<210> 3048
 <211> 770
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(770)
 <223> n = A,T,C or G

<400> 3048
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 cgaattcggc acgaggcagg gagttgcttg ggtggccgct aacnccaggc tactcttatt 120
 ttagcttgct aagttgagat cagctagacc tgctttcttt tctcctcagt cttgcatttc 180
 cctcaataca agctgtagcc tctttcctcg tttctagtct cagaaggaag gagagggaag 240
 ccattctcct ctagggactc ttcagctctca tttagatgat agtccccttt tttctacctc 300
 catattagag atggagctcc ttccttttcc tgtttcttaa tttttgtctt ctcattcctg 360
 cttccctctc accctattgc cagttccacc aactagatg aaagacttcc tagccatttc 420
 attaaatcta ttctgtatcc accaggtggc agcatctgt catacgtgtc aggacttagg 480
 actgcggggg ttaggttana tgtcacggaa aaagctagtt ctgtggtcag gcggcaccaa 540
 tgagaaagga atgcagaccc ttcagatgta tccttgggaa aagcagtaaa ccaactaata 600
 tttattgaag gacctacttt gtccttacat agggnanctt ctgtcaggga atcntgggtt 660
 cttnccaaga aacactgatt ttctttcang gagacttcat ggggtcattt atttccccac 720
 agcagaattt aagaaattat tatatggaat attggatata tataaagagc 770

<210> 3049
 <211> 765
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(765)
 <223> n = A,T,C or G

<400> 3049
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tcccttattg	ggtagagata	catcattact	ggcctcaggg	gtttacccaa	agaaagggta	180
tttttgagca	aataatgtga	tttctggtct	attttggttg	gggcttaaga	ttttttttt	240
tcaaatgcat	ttttagtcac	taaaaattaa	ctgtcgtacc	atctagaact	atactgtcca	300
gtaccatagc	ctctagccgt	atgtagctat	ttgtattaag	attaattgaa	attttaaatc	360
cagttcctca	gtcacactag	ccactttcta	agtgtcaggt	agctctgtgt	gaccagcggc	420
tactgtattg	gatattatag	aaggttcttt	cattcaagat	catcattctt	gacagaccca	480
taaatatttc	ctataaagac	tgtagaagtg	tgttctggaa	gggtttgctc	tccaaaaaga	540
attgtaatat	agagtagaat	tgggatagag	tattgaagac	actgggttta	gacattggat	600
attttaatga	ttngtgttc	taattcatgt	gctgccactg	agttatctag	tgatatgacc	660
tactgtcttg	accaaagcc	cggaatagaa	ggcaggattc	ctggaatcta	tcttaaaaat	720
ttgcaatgga	anaacctttt	ccctaaatta	tcccattatg	gtaan		765

<210> 3050

<211> 815

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(815)

<223> n = A,T,C or G

<400> 3050

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taactgtgtg	actgagcttg	atggccaagt	tgaaaatctt	catttggtatc	tgtgctgcct	180
tgtgtgtaac	caggaagacc	ttagtaagga	ctctctaggt	cctaccaa	caagcaaaat	240
tgaaggagct	ggtaccagta	tctcagagcc	tccgnctcct	atcagtccgt	atgcttcaga	300
aagctgtgga	acgctacctc	ttncctttgag	acctgtgtgga	gaaggggtctg	aaatggtagg	360
caaagagaat	agttccccag	agaataaaaa	ctggttgttg	gccatggcag	ccaaacngaa	420
ngctgagaat	ccatctccac	gaagtcctgc	atcccagaca	cccaattcca	ggagacagag	480
cggaaagaca	ttgncaagcc	cggcaccatc	acgcccagct	tcattgaggaa	aatctgcaca	540
tacttcata	naaagtcca	ggangacttt	ctgtgttcct	gaacactcaa	ccagaattat	600
angattctaa	tctgagttga	gttactgagc	ttttgtccc	acttaaaaca	aagcttgaag	660
cttntggtn	cacttaaaaa	ccanggaatg	aaaananttc	ccaagaagtn	ggacttcttn	720
ttaactnctt	gggncntttt	tangaaaang	cttgcccntt	tttcaaattt	tttangccaa	780
aaantcnttt	tttcaaacc	ctttgaaaat	ngccc			815

<210> 3051

<211> 716

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(716)

<223> n = A,T,C or G

<400> 3051

gaancccttt	ggctactcgc	tctttntgca	ggatcccatc	gattcgcaaa	gattcagaagt	60
cctggcaaga	atcacanatg	gaaaaacnac	aattctagac	agagagcagt	cactggatca	120
ggcagtcact	tgtgtgattt	gaagctagaa	ggtccaccgg	aggcaaatgc	agatcctctt	180
ggtgttttga	taaacagtga	ttctgagctt	gataaggagg	agaaaccaca	acattctgtg	240
atacccaagg	aagtgcaccc	agccctatgc	tcactaatga	gtagctatgg	cngtctttca	300
gggtcagaga	gtgagccaga	agaaactccc	atcaagactg	aagcagacgt	tttggcngaa	360
aaccangttc	ttgatagcag	tgctccta	agtccaagtc	aagatgttaa	agcaactgtt	420
agaaattttt	cagaagccaa	gagtggaga	cgaagaaaa	gctttgaaaa	acaaacccta	480
ngaggaaana	agatttcaca	actatcaa	ggtattcgaa	ccangaacac	accatccata	540
tctcttgga	atgcttctag	cttccggaca	ttcgacatga	aaagaaatgt	gatttgcant	600
gtggccggtn	cctcatcaaa	aaagactttt	tggctggatc	tattctgcga	aagtaagatg	660

ttagctctgg ggttacttct actgaanntg tgaacattct cctntttgtn gagгаа

716

<210> 3052

<211> 785

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(785)

<223> n = A,T,C or G

<400> 3052

ggnnnnnnnn	nnttgnggtt	nannnctttt	ttncntncnn	ntttgaaacc	ctttggctac	60
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taggcttggg	ggactgtcac	tgccacctct	ccgccccgga	ctttgaccgc	gatttggatg	180
atgtgttggg	gaaagccaag	aaggccaatg	ttgtggccct	tgtggcagtt	gccgaacatt	240
caggagaatt	tgaaaagatt	atgcaacttt	cagaaaggta	taatgggttt	gtcctgccat	300
gcttgggtgt	tcatccagtt	caaggacttc	caccagaaga	ccaaagaagt	gtcacactaa	360
aggatttggg	tgtagctttg	cccattattg	agaattataa	ggatcgggtt	ttggcaattg	420
gagaggttgg	actagatttc	tccccagat	ttgctggcac	tggatgaacag	aaggaagagc	480
aaagacaagt	cctaatacaga	cagatccagt	tagccaaaag	actaaatttg	cctgtaaatg	540
tgcactcacg	ctctgctgga	agacctacca	tcaacctttt	acaagagcaa	ggtgctgana	600
aggtactgct	gcatgcattt	gatgggtccg	ncatctgtag	ccatggaagg	agtnagaanc	660
tgggtacttc	ttctcaattt	ccccttctat	cataagaaat	ggacagcang	aaacttgtga	720
aacaattgnc	tttacttcta	tatgcttaga	aacagatcac	ctgactagga	cnanaaaaca	780
ggtcc						785

<210> 3053

<211> 790

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(790)

<223> n = A,T,C or G

<400> 3053

gtnnnnnncan	tnattcccn	nanaaaacct	ttggctactt	gctctttttg	caggatccca	60
tcgattcgaa	ttcggcacga	ggtttcacat	ttgctgccat	gagcaaagan	gaggtcgaca	120
ggtacaattt	tgtgatgctg	gccctgtcct	cctcattcct	ggtgttatcc	tatctcttga	180
cccgttgggtg	tggcagcgtg	ggcttcattc	tggccaactg	ctttaacatg	ggcattcgga	240
tcacgcagag	cctttgcttc	atccaccgct	actaccgaag	gagccccac	aggcccctgg	300
ctggcctgca	cctatcgcca	gtcctgctcg	ggacatttgc	cctcagtggg	ggggttactg	360
ctgtttcgga	ggtattcctc	tgctgtgagc	agggctggcc	agccagactg	gcacacattg	420
ctgtgggggc	cttctgtctg	ggagcaactc	tcgggacagc	attcctcaca	gagaccaagc	480
tgatccattt	ctcaggactc	agttagggtg	gccagacgc	actgacaaaa	tgacatgact	540
tcagggaagc	ctggacaccc	gangcacctg	gaccaactat	gggtaagttc	ttgtgggtgg	600
aacancattc	tgtgtaagaa	cccacttgan	ggcnttttgc	aaaccggaat	tgacaggnaa	660
ccccagaana	ttaaggcacc	acaaaagtgc	ccccttgcac	gaaaacacct	tgtgaacccat	720
ttcnaantct	tgaaatgccg	ggggggggaa	gtttcaattt	tttaaggga	agaaccaa	780
gccctttnt						790

<210> 3054

<211> 770

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(770)
 <223> n = A,T,C or G

<400> 3054
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 gcaaagagca tcaccaaagc cattccagga ggaactagat ccaccacttc ctctgctggg 180
 catgctccaa aaatggttgt ggcttccaga gaggactcca aaagaaagca caaaaactag 240
 acagtgggag ggcataccca aaagccctga gtttctgaaa aaatattgaa agtttctatg 300
 gtgaaatagg aagttaatgt gcttaggaag aaaaaagtgg taatgattca aggaaacata 360
 atcacacacg gttttagttt taatggacat gggaggagcc ataaaagtag tctatctatc 420
 atcagttaca tatctaata gaactgtctatc tgggataccc tatcctgttt taatctgagt 480
 gactctctct cagctgagag agctggacag actccatttt agcctcttca cttgcagtcc 540
 ccttatcccc ctctccttaag ggaataacta gtgcaagctg actccaagca catncaggaa 600
 tgcacttact gataaagata ttgangcaag ttgtaccagc agctcctggg gacgtgctca 660
 ntggatggtg ccaagcccct gcatttatct ctttgngata gtntaaaccc ctgcacctgg 720
 aactgtgatt tttctgtact atctctgtac cctnaatttt ttttactttt 770

<210> 3055
 <211> 784
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(784)
 <223> n = A,T,C or G

<400> 3055
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 gtgagcacag atcatgccac tgcactccag cctgggcaac aaaacgagac ttcgtctcaa 180
 aaaaaaaaaa cntagaattt ggatcctttg gtcgggttct cccaaattct tttgaggtgt 240
 ccatgggtcaa ctgcttcagc tttgttttgg caaccctctg cccgaagtcg catataggct 300
 gttcttcacc ttgtttccaa ggctgaggaa cagaaagttag cctctgtttt gaggagggtg 360
 aagttaagta tacatttatt ttttactgtg acttggtcag gaccacattt tacaaaatgc 420
 cttgtttcct tcattgnttc tggaaaggaa agttctatta atattgtttt actttgaata 480
 tagaatagtt tttttaatta gggcttattt tgaaaaatc tgagtttaat tcaaagtgtat 540
 gccaatacct tccaaagtaa ggnaatattc agagacagtt gttgtgatca gaatggctta 600
 gagaaatttc tggaaatttc acattcgaag attccctatt aatgaaatgn ctttgacctt 660
 aaaatttacc caaaaacttg caaccattaa ttcntttgga ccatttttca ttatatagn 720
 gttaaacaag ctttagttgc caaaccaaat taaaattcct taaagctaaa aaaaaaaaaa 780
 aant 784

<210> 3056
 <211> 779
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(779)
 <223> n = A,T,C or G

<400> 3056
 cgnntaaann ccttcaactn ntcgtttgaa gncnnttggc gattcgaatt cggcacgaga 60
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 ttgatcaatg accatttttg ctcagcatgg agaaacagtg ccctgcatga agggtagtga 180
 gaataaaaag gatcttacca cctttatcat gagggtggct ttgctctctc cattccaagt 240
 tgttctctgt tctagaaagc agatgtagta gacatctact gtttttgcc aaacagaatc 300
 cctttttcct ttttttggtta aaagtactca tccctaatat tacattgttc tggaaggact 360

gaaaataaca	gaactcagca	ccatgatcgg	accgggacaa	tcagattatt	tcattcctca	420
gcaaacggag	atcgatccga	aaagtggaaa	tatgagctct	tctttggtgt	tggcataatg	480
accctgagag	aaagaacttt	aattttttct	cttggactgc	aataaagtat	agctgcctaa	540
aatacgtttc	ctgacacttg	gagggtttgc	cacaatcgg	gaaataaagg	caagacgtaa	600
caactggatg	aaaaaaaaa	nnnnnnnaaa	aaaaaaaaa	cgagcctttt	aaaactatta	660
gtgagtcgna	ttaccgtana	tcccggacat	ggatangatn	cattgatgaa	gtttggacca	720
aacccccaac	ttggaatgcn	ntgnaaaaaa	atgctttaat	ttgngaaat	ttggggatg	779

<210> 3057
 <211> 754
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(754)
 <223> n = A,T,C or G

<400> 3057						
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gattacagct	gtgagccacc	gtgcctggct	gagatgactt	ttaaaaaaag	acttctctaa	180
agtagaagga	aggggtggaat	tgtatgcaca	agaagaaaaa	aacctggaag	aaaaacatac	240
taaagaggct	ggagtgaat	ggcgcatct	tggtaccgc	aacctccgcc	tcccgggttc	300
aagtgattct	cctgcctnag	cctcccaggt	agctgggatt	acaagcatgg	gccaccacgc	360
ctggctaatt	tgtattttta	gtagagacgg	agtttctcca	tgttggtcag	gctgggtctcg	420
aactaccgac	ctcaggtgat	ccaccacct	cggcctccac	agtgtgga	ttacaagcat	480
gaaccaccgn	gcccggntct	ctgttccagt	tttctataat	ctggtcatat	tatattctgg	540
gtatatgtgg	gtgggtgat	tatccatgtg	gtcttatttt	cacattcttt	gcattaacta	600
taatgactta	atgttttaag	ataagtttca	tttcttcaaa	agatgtatgt	ncaatacctg	660
ggtatcaggt	aacaatctta	aaaaaactta	ttcattttaa	aattaacctt	taaaattagc	720
cattccaatt	naacattaag	ganggttng	agga			754

<210> 3058
 <211> 755
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(755)
 <223> n = A,T,C or G

<400> 3058						
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gggattacag	ctgtgagcca	ccgtgcctgg	ctgagatgac	ttttaaaaaa	agacttctct	180
aaagtagaag	gaagggtgga	attgtatgca	caagaagaaa	aaaacctgga	agaaaaacat	240
actaaagagg	ctggagtga	atggcgcat	cttggctcac	cgcaacctcc	gcctcccggg	300
ttcaagtgat	tctcctgcct	cagcctccca	ggtagctggg	attacaagca	tgggccacca	360
cgcctggcta	atthttgatt	tttagtagag	acggagtctt	tccatgttgg	tcaggctggg	420
ctcgaactac	cgacctcagg	tgatccaccc	acctcggcct	cccacagtgc	tgggattaca	480
agcatgagcc	accgcgcccg	gcctcctgtt	ccagttttct	ataatctgtt	catattatat	540
tctgggtata	tgtgggtggg	gtgattatcc	atgtggtctt	atthttcacat	tctttgcatt	600
aactataatg	acttaatgtt	taagataagt	ttcattctac	aaagatgtat	gtacaatacc	660
tggtatcagg	taacaatctt	aaaaaaaact	aattcattta	aaaataaaca	ttaaaattag	720
ccaatccaat	taacctntaa	gacagtttgt	ganga			755

<210> 3059
 <211> 755
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(755)

<223> n = A,T,C or G

<400> 3059

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gggattacag	ctgtgagcca	ccgtgcctgg	ctgagatgac	ttttaaaaaa	agacttctct	180
aaagtagaag	gaaggggtgga	attgtatgca	caagaagaaa	aaaacctgga	agaaaaacat	240
actaaagagg	ctggagtgc	atggcgcgat	cttggctcac	cgcaacctcc	gcctcccggg	300
ttcaagtgat	tctcctgcct	cagcctccca	ggtagctggg	attacaagca	tggggccacca	360
cgctgggcta	atthttgtatt	tttagtagag	acggagttht	tccatgttgg	tcaggctggg	420
ctcgaactac	cgacctcagg	tgatccaccc	acctcggcct	cccacagtgc	tgggattaca	480
agcatgagcc	accgcgccc	gcctcctgtt	ccagttttct	ataatctgtt	catattatat	540
tctgggtata	tgtgggtggg	gtgattatcc	atgtggtcct	atthttcacat	tctttgcatt	600
aactataatg	acttaatgtt	taagataagt	ttcattctac	aaagatgtat	gtacaatacc	660
tggatcagg	taacaatctt	aaaaaaaaact	aattcattta	aaaataaaca	ttaaaattag	720
ccaatccaat	taaccntaaa	gacagtttgt	ganga			755

<210> 3060

<211> 744

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(744)

<223> n = A,T,C or G

<400> 3060

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tgatcaatga	ccatttttgc	tcagcatgga	gaaacagtgc	cctgcatgaa	gggtagttag	180
aataaaaaag	atcttaccac	ctttatcatg	aggggtggct	tgtctctctc	attccaagtt	240
gttctctgtt	ctagaaagca	gatgtagtag	acatctactg	tttttgccta	aacagaatcc	300
ctthtttcct	tttttgttaa	aagtactcat	ccctaattat	acattgttct	ggaaggactg	360
aaaataacag	aactcagcac	catgatcgga	ccgggacaat	cagattatth	cattcctcag	420
caaacggaga	tcgatccgaa	aagtggaaat	atgagctctt	ctthgggtgt	ggcatatgga	480
ccctgagaga	aagaacttht	atthtttctc	ttggactgca	ataaagtata	gctgcctaaa	540
ataccgttht	ctgacacttg	gaggtttgct	acaatcggtg	aaataaaggc	aagacgtaac	600
actggatgaa	aaaaaaaaan	nnnnnnnaaa	aaactcgagc	ctntagaact	atgtgatcga	660
ttcgtagatc	cagaatgata	gatcattgtg	agtttggaca	accacactng	atgcagtga	720
aaaatcttat	tgngaattgn	gatn				744

<210> 3061

<211> 744

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(744)

<223> n = A,T,C or G

<400> 3061

ctthnaatcc	cttgactcgc	tcttntgnag	gaccttatcg	attcgaattc	ggcacgagat	60
aacacacatc	acagtatgct	ctcagaaatt	tctthatttg	aacctatac	caatatctgt	120
tgatcaatga	ccatttttgc	tcagcatgga	gaaacagtgc	cctgcatgaa	gggtagttag	180

aataaaaaagg	atcttaccac	ctttatcatg	agggtggctt	tgtctctccc	attccaagtt	240
gttctctgtt	ctagaaagca	gatgtagtag	acatctactg	tttttgccca	aacagaatcc	300
ctttttccct	tttttgtaa	aagtactcat	ccctaataat	acattgttct	ggaaggactg	360
aaaataacag	aactcagcac	catgatcgga	ccgggacaat	cagattattt	cattcctcag	420
caaacggaga	tcgatccgaa	aagtggaaat	atgagctctt	ctttgggtgt	ggcatatgga	480
ccctgagaga	aagaacttta	attttttctc	ttggactgca	ataaagtata	gctgcctaaa	540
ataccgtttc	ctgacacttg	gaggtttgcc	acaatcggtg	aaataaaggc	aagacgtaac	600
actggatgaa	aaaaaaaaan	nnnnnnnaaa	aaactcgagc	ctntagaact	atgtgatcga	660
ttcgtagatc	cagaatgata	gatcattgtg	agtttggaca	accacactng	atgcagtga	720
aaaatcttat	tgngaattgn	gatn				744

<210> 3062

<211> 718

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(718)

<223> n = A,T,C or G

<400> 3062

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aattcggcac	gagaaagccc	gccaccact	gtgggacttt	ctgggtgggt	cctcagctcc	120
caccccaggc	tggggcccag	attgtgaggt	ctgtgtgcat	gtgtgtgtgt	atgtgtgtgt	180
gctgcgtgt	gtgtgtgtgt	gggatctggc	ctggcccttg	gggatggggc	tgctggggac	240
tgcgccctt	cccgcctgg	ccaggegtc	tgtgtgctgt	gtgtgcccc	ggctctgttg	300
accccgctca	ggaactaact	taccagctt	ggtctctcct	gagtcctcca	ccctggcctg	360
ggattggcca	gggagcaggg	cgggcattgg	gaccagtgtg	gagcctgagg	gtgcctgccc	420
tgtcttgag	ggagggccag	gagctgccac	acccccaaat	cctctcaggg	cccaccctcc	480
tttttcagcc	tctgcataag	gcccctgggt	acactgcaga	agccccatcc	ttcccgttcc	540
gggcataagg	cccctgacca	cacttcagaa	gccccatccc	ccctgcaccg	ggcgatccct	600
gctgttagcc	gaactntctg	cccgtgccca	tgtgtcgtgt	ttggtgnaga	cctgatgtct	660
gtntgtgtcc	aaacgggctc	aagagcctca	caatctgggt	agctgaccga	gtacgtgt	718

<210> 3063

<211> 779

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(779)

<223> n = A,T,C or G

<400> 3063

cgnttaaaann	ccttcactcn	ntcgtttgaa	gncnnttgcc	gattcgaatt	cggcacgaga	60
taacacacat	cacagtatgc	tctcagaaat	ttcttttatt	gaaccctata	ccaatatctg	120
ttgatcaatg	accatttttg	ctcagcatgg	agaaacagtg	ccctgcatga	agggtagtga	180
gaataaaaag	gatcttacca	cctttatcat	gagggtggct	ttgtctcttc	cattccaagt	240
tgttctctgt	tctagaaagc	agatgtagta	gacatctact	gtttttgcct	aaacagaatc	300
cctttttcct	ttttttgtta	aaagtactca	tccctaataat	tacattgttc	tggaggact	360
gaaaataaca	gaactcagca	ccatgatcgg	accgggacaa	tcagattatt	tcattcctca	420
gcaaacggag	atcgatccga	aaagtggaaa	tatgagctct	tctttgggtg	tggcatatgg	480
accctgagag	aaagaacttt	aattttttct	cttggactgc	aataaagtat	agctgcctaa	540
aatacgtttc	ctgacacttg	gaggtttgtc	cacaatcggt	gaaataaagg	caagacgtaa	600
caactggatg	aaaaaaaaaa	nnnnnnnaaa	aaaaaaaaact	cgagcctttt	aaaactatta	660
gtgagtcgna	ttaccgtana	tcccggacat	ggatangatn	cattgatgaa	gtttggacca	720
aacccccaac	ttggaatgcn	ntgnaaaaaa	atgctttaat	ttggngaaat	ttggggatg	779

<210> 3064

<211> 754
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(754)
 <223> n = A,T,C or G

<400> 3064
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 gctgctaggt tccagtttta attttttaggt ttagttggac tctggtatga aaagataggt 120
 tatgggtggg cgacaggttg atacagtctt agaaaaagca ggtaatatca aagtattgga 180
 aagctagcat gcatgccctc ttacctgggt atcttcccc ttttttcctt ttaaactctt 240
 gagcctccta taacgaagga ttatgtgttt caaacctttt ttttttactg tttcattaag 300
 tgtgcttggt cccaaaatat ttacttgtat aatatctgta cttgcttaaa tacttcagca 360
 aagtcagcat atttactcat tcaacaaata tttgagccag gcattatttt agacacagca 420
 gtgaacaaaa caaaaaggca ttcttgcctt catggagctt acattcttat tggtatattaa 480
 atctaaatgt tataaaacaa gaatttata tctagggttg atcagctagt atttaaatcaa 540
 aaangccaca ctcccatagc agctctctaa gctgtagtag ctaataaaaa atattaatgg 600
 tggccgggca cagtgcctac gcctattaat ccagcactt tgggagcca aggtggtaga 660
 tcacttgagg tcaaaaagtgt gacccagcct ggccaacctg gtgaacccta tctctttaa 720
 aatccaaaa aatccaaaa aattacttgg gctg 754

<210> 3065
 <211> 779
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(779)
 <223> n = A,T,C or G

<400> 3065
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 taacacacat cacagtatgc tctcagaaat ttctttatct gaacctata ccaatatctg 120
 ttgatcaatg accatttttg ctcagcatgg agaaacagtg cctgcatga agggtagtga 180
 gaataaaaag gatcttacc cctttatcat gaggggtggc ttgctctctc cattccaagt 240
 tgttctctgt tctagaaagc agatgtagta gacatctact gtttttgctt aaacagaatc 300
 cctttttcct ttttttgta aaagtactca tccctaatat tacattgttc tggaaggact 360
 gaaaataaca gaactcagca ccatgatcgg accgggacaa tcagattatt tcattcctca 420
 gcaaacggag atcgatccga aaagtggaaa tatgagctct tctttgggtg tggcatatgg 480
 accctgagag aaagaacttt aattttttct cttggactgc aataaagat agctgcctaa 540
 aatacgtttc ctgacacttg gaggtttgtc cacaatcggg gaaataaagg caagacgtaa 600
 caactggatg aaaaaaaaaa nnnnnnnaaa aaaaaaaact cgagcctttt aaaactatta 660
 gtgagtcgna ttaccgtana tcccggacat ggatangatn cattgatgaa gtttggacca 720
 aacccccaac ttggaatgcn ntgnaaaaaa atgctttaat ttggngaaat ttgggggatg 779

<210> 3066
 <211> 748
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(748)
 <223> n = A,T,C or G

<400> 3066
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annacacaca	tcacagtntg	ctctcagaaa	tttctttatt	tgaaccctat	accaatatct	120
gttgatcaat	gaccattttt	gctcagcatg	gagaaacagt	gccctgcatg	aagggtagtg	180
agaataaaaa	ggatcttacc	acctttatca	tgaggggtggc	tttgctctct	ccattccaag	240
ttgttctctg	ttctagaaag	cagatgtagt	agacatctac	tgtttttgcc	taaacagaat	300
ccctttttcc	tttttttggt	aaaagtactc	atccctaata	ttacattggt	ctggaaggac	360
tgaaaataac	agaactcagc	accatgatcg	gaccgggaca	atcagattat	ttcattcctc	420
agcaaacgga	gatcgatccg	aaaagtggaa	atatgagctc	ttctttggtg	ttggcatatg	480
gaccctgaga	gaaagaactt	taattttttc	tcttggaactg	caataaaagta	tagctgccta	540
aaatacgttt	cctgacactt	ggagggttgt	ccacaatcgg	tgaaataaaag	gcaagacgta	600
accctggatg	aaaaaaaaaa	nnnnnnaana	aaaaaactcg	agcctntaaa	ctatagttag	660
tcgattcgta	gatccagaca	tgatagatcc	ttgatgagtt	tggacaacca	cactngatgc	720
atgnaaaaat	cttattgnga	attgggag				748

<210> 3067

<211> 748

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(748)

<223> n = A,T,C or G

<400> 3067

gnttgaatcc	ctnncanatc	ncttggntgc	aggatcctat	cgattcgaat	tcggcacgng	60
annacacaca	tcacagtntg	ctctcagaaa	tttctttatt	tgaaccctat	accaatatct	120
gttgatcaat	gaccattttt	gctcagcatg	gagaaacagt	gccctgcatg	aagggtagtg	180
agaataaaaa	ggatcttacc	acctttatca	tgaggggtggc	tttgctctct	ccattccaag	240
ttgttctctg	ttctagaaag	cagatgtagt	agacatctac	tgtttttgcc	taaacagaat	300
ccctttttcc	tttttttggt	aaaagtactc	atccctaata	ttacattggt	ctggaaggac	360
tgaaaataac	agaactcagc	accatgatcg	gaccgggaca	atcagattat	ttcattcctc	420
agcaaacgga	gatcgatccg	aaaagtggaa	atatgagctc	ttctttggtg	ttggcatatg	480
gaccctgaga	gaaagaactt	taattttttc	tcttggaactg	caataaaagta	tagctgccta	540
aaatacgttt	cctgacactt	ggagggttgt	ccacaatcgg	tgaaataaaag	gcaagacgta	600
accctggatg	aaaaaaaaaa	nnnnnnaana	aaaaaactcg	agcctntaaa	ctatagttag	660
tcgattcgta	gatccagaca	tgatagatcc	ttgatgagtt	tggacaacca	cactngatgc	720
atgnaaaaat	cttattgnga	attgggag				748

<210> 3068

<211> 748

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(748)

<223> n = A,T,C or G

<400> 3068

gnttgaatcc	ctnncanatc	ncttggntgc	aggatcctat	cgattcgaat	tcggcacgng	60
annacacaca	tcacagtntg	ctctcagaaa	tttctttatt	tgaaccctat	accaatatct	120
gttgatcaat	gaccattttt	gctcagcatg	gagaaacagt	gccctgcatg	aagggtagtg	180
agaataaaaa	ggatcttacc	acctttatca	tgaggggtggc	tttgctctct	ccattccaag	240
ttgttctctg	ttctagaaag	cagatgtagt	agacatctac	tgtttttgcc	taaacagaat	300
ccctttttcc	tttttttggt	aaaagtactc	atccctaata	ttacattggt	ctggaaggac	360
tgaaaataac	agaactcagc	accatgatcg	gaccgggaca	atcagattat	ttcattcctc	420
agcaaacgga	gatcgatccg	aaaagtggaa	atatgagctc	ttctttggtg	ttggcatatg	480
gaccctgaga	gaaagaactt	taattttttc	tcttggaactg	caataaaagta	tagctgccta	540
aaatacgttt	cctgacactt	ggagggttgt	ccacaatcgg	tgaaataaaag	gcaagacgta	600
accctggatg	aaaaaaaaaa	nnnnnnaana	aaaaaactcg	agcctntaaa	ctatagttag	660
tcgattcgta	gatccagaca	tgatagatcc	ttgatgagtt	tggacaacca	cactngatgc	720

atgnaaaaaat cttattgnga attgggag

748

<210> 3069

<211> 756

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(756)

<223> n = A,T,C or G

<400> 3069

ggnnnnnntc	ttttcnaatg	cttggtctctc	gttctttntg	caggatccct	cgattcgcaa	60
gagagagtga	tagaattggc	agtgaaatat	acgaaccacc	ctcctgccct	ctgggttcac	120
aatacgtgta	cacttgactg	tgaagtggct	gtgagagtgg	gtggagagtt	cttctttgac	180
cctcagcctg	cggatgcctc	tagaaacctc	gtgttgattg	caggaggagt	cggaattaac	240
cctctgcttt	ccatcctgcg	gcacgcagca	gatctcctca	gagagcaggc	aaacaaaaga	300
aatggatatg	agataggaac	aataaaacta	ttctacagtg	caaaaaatac	cagcgaactc	360
ctgtttaaga	aaaatatcct	tgatttagta	aatgaatttc	ctgagaagat	tgcatgcagt	420
ttgcatgtta	caaaacagac	tacacaaatc	aatgcggaac	tcaagccata	catnacggaa	480
ggaagaataa	cggagaagga	gataagagat	catatttcaa	aagagacttt	gttctatatt	540
tgtggccacc	ttcaatgaca	gactttttct	ccaagcaact	ggaaaacaac	catgtcccaa	600
agaacacatt	tgctttgaga	agtggtggta	ggaggcagac	aaaggcagaa	aaaattaaga	660
ggtgagatct	actcaggaga	gctcaaaann	aaaaaaaaaa	aaactnggac	ctntagaact	720
atagtgagtc	gtnttcgta	gatccagaca	tgataa			756

<210> 3070

<211> 788

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(788)

<223> n = A,T,C or G

<400> 3070

gmnttnnaan	ttaacagctc	tcgtnctttt	tgcnatccc	atnnattcga	attcggcacg	60
agtgatgcct	tagtcacttg	gccacacagt	tttgtggttt	acgagtcagt	ggaattgctt	120
gtcttactct	gactgctaaa	gttctgtcct	attgtctttt	catgtaatag	caacatgact	180
ctgatgacaa	agcccaacta	attacacaac	ttaatttaat	agtttaaagc	gcaaagggca	240
ttccctgagc	agtaaaatct	tttgtttgga	aattttaaaa	caaattatat	tttactttat	300
gttttatatt	taccntaata	agtatttaca	agaacacaat	tttctcaaga	tttaaactgc	360
tcattgttcc	ataaatagga	cacacattta	gaaagaggat	ttttttttaa	aggaatattt	420
tagtgattac	ttctggctaa	aaacatgaaa	ctcttttagt	gcttgatgtt	actggaaact	480
tgctctagat	tattttttga	atctttgctg	ngagggtaaa	aatagaaatg	tttccctccc	540
aattattgct	ttgaattaaa	attttgtgtc	tgggtgaaat	ttcctctggc	ttaatgcatg	600
accaggctgg	tagaaaatgt	ttcacctaaa	tcctcttatt	tttggtaaaa	cattcataat	660
nccaaaccct	aatagtttgg	naaggcatgt	gataattggg	aatcccnctn	ctgtcctcan	720
tttataaatt	ccctgacaa	cagccctgct	taanaatatc	acctacttct	ggttggtatt	780
cttnccgn						788

<210> 3071

<211> 744

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(744)

<223> n = A,T,C or G

<400> 3071

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aacacacatc	acagtatgct	ctcagaaatt	tctttatttg	aaccctatac	caatatctgt	120
tgatcaatga	ccatttttgc	tcagcatgga	gaaacagtgc	cctgcatgaa	gggtagttag	180
aataaaaagg	atcttaccac	ctttatcatg	aggggtggctt	tgctctctcc	attccaagtt	240
gttctctgtt	ctagaaagca	gatgtagtag	acatctactg	tttttgcccta	aacagaatcc	300
ctttttcctt	tttttgtaa	aagtactcat	ccctaataatt	acattgttct	ggaaggactg	360
aaaataacag	aactcagcac	catgatcgga	ccgggacaat	cagattatct	cattcctcag	420
caaacggaga	tcgatccgaa	aagtggaaat	atgagctctt	ctttgggtgtt	ggcatatgga	480
ccctgagaga	aagaacttta	atctttcttc	ttggactgca	ataaagtata	gctgcctaaa	540
ataccgtttc	ctgacacttg	gaggtttgcc	acaatcgggtg	aaataaaggc	aagacgtaac	600
actggatgaa	aaaaaaaaan	nnnnnnnaaaa	aaactcgagc	ctntagaact	atgtgatcga	660
ttcgtagatc	cagaatgata	gatcattgtg	agtttgagaca	accacactng	atgcagtga	720
aaaatcttat	tgngaattgn	gatn				744

<210> 3072

<211> 768

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(768)

<223> n = A,T,C or G

<400> 3072

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taagtttgaa	aagtaaaaag	aaattgcatc	acactaatta	caaaatacaa	gttctggaaa	180
aaatattttt	cttcatttta	aaactttttt	aactaataat	ggctttgaaa	gaagaggctt	240
aatttggggg	tggttaactaa	aatcaaaaaga	aatgattgac	ttgagggtct	ctgtttggta	300
agaatacatc	attagcttaa	nnntncngac	aanngcntnt	gtaatgntgt	aactgctgtt	360
aatattnant	gctntngtnt	gagcnacctn	antntgaaca	gatgngtcag	cctgcatgct	420
ggacatgcct	canaaccatg	aatagcccg	actagatctt	gngaacatgg	atcttagagt	480
cactttggaa	taagtntcta	tntnaatacc	cncagccttt	tgagaacggg	gcttggttaa	540
ggacncgtat	gtagggcccg	tacctactgn	cagttgggtt	cangnaaatg	ggattgactt	600
tggncttaag	ntccttggtc	ataatttttt	aaaatatggg	antnggaaaa	cccccaaaga	660
atggaatgga	ctcttnaaaa	cantgaaaag	acccttatcg	gttgncctt	ggaatgtaga	720
atgtggnntt	nggnttntct	aattctgctt	ggtnaaaggg	gncagttt		768

<210> 3073

<211> 760

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(760)

<223> n = A,T,C or G

<400> 3073

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tctcaaatag	aaatgggaga	taagaaatat	atctgtgcaa	tattaaattg	aaaaaaaaaa	120
cccataaaaa	gtgtcaaagg	caaataatct	gctctagatc	acaaaactag	ttagcacaag	180
gctaggatta	taaccagggt	ctaggaaaaa	atcctgaagg	tgatttaact	gagtgttagg	240
ccctgtcaag	ccacctgcta	aggctcatgg	tctttcagac	tagcttcaac	attccaaatc	300
aggcaatagc	tacaacggaa	agataattgg	acgggggaatc	ctgagatcag	agtcctagtt	360
tggtttgtc	tctttagtag	ggatttttta	aatcaggggc	agctctcttc	tcccatccca	420
gccatgaatc	tttcaacctt	agtggtcacc	aacttgactc	cattccttat	atcaagcctt	480

gtcctgtcaa	ttctccctta	aatgttagtt	gcatccattt	ctaaatatat	ccatggccat	540
caccctagta	aaaagactat	tacctcacac	ccgcacttg	atcttcccc	aactttaagt	600
gactcagttc	cttatatcac	tgccacaaga	attaacaccc	atgtccatct	tttcattttc	660
tgctgaaaga	ttttcagtg	ttcccacttg	aatnccaaat	aaagttcgaa	tccttanana	720
tggcattcac	agcctntac	ttctggnccc	acttttatnt			760

<210> 3074
 <211> 771
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(771)
 <223> n = A,T,C or G

<400> 3074						
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cacgaggaac	aagcacagcc	caagccagat	gtacagcaca	cacagcatcc	catggtggcc	120
aaagacaggc	agcttctctac	cttaattggca	cagccccgc	aaactgtagt	acaggtgctt	180
gcagtgaaaa	ccacgcagca	gtccctaaa	ctgcagcagg	ctccgaacca	acaaaaaatc	240
tacgtgcaac	cccaaacc	ccagagccaa	atgtcgctcc	cagcttcttc	agagaaacag	300
acggcaagcc	aggtggagca	gcccaattata	acccaaggat	cctctgttac	aaagataact	360
tttgaggggc	gccagcctcc	cacagttaca	aagataactg	gtggcagttc	tgtgcctaag	420
ctgacatcac	cagttacaag	catatctccc	attcaggcct	ctgagaagac	agcagtgtct	480
gacattttga	aaatgtcttt	gatggaagct	cagattgata	caaagttaga	acatatgata	540
gtggatcccc	caaagaagc	tcttgccact	agcatgctca	ctggtgaagc	aggatcatta	600
cccttccacc	cacatggtgg	tgccagggatg	gcgaattcca	cttcccagca	acagaaatgt	660
agagagtcct	gttcgagttc	attcaccgnt	ggctcttctc	taacgacaag	gaaaatttga	720
tccaccanca	gtgccttgcn	acanggccan	tnatgcgta	tttcanaatg	t	771

<210> 3075
 <211> 751
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(751)
 <223> n = A,T,C or G

<400> 3075						
atnngaagga	aacaatnntc	cttcgtgctc	tnctngcagg	atcccatcga	ttcgggccc	60
ttattctctc	tttacagata	gctatagaca	tcatttttagg	aagtgttgca	gtctggcatt	120
tgtgctattg	ttcattctct	gtgaaggctg	ttcatagttg	ctatagcctg	tgtttagttt	180
tgtgatttca	tcaatcccat	ctttctgtgt	gagtaatgca	ttctaaacat	cctaccccac	240
tttagaaaacg	gacgtgggga	acgcttggtc	atttaagcca	acaataaatt	taggtgaatg	300
tccttaagt	tttactgntt	ttatccagtc	aaggatttgc	ttttccttga	acatttggtt	360
taaattctgg	ggccaaaatg	caaaggagaa	gttctattca	aaggcagtag	ttgaaatcta	420
ttatttttagt	tagcctactt	ggcatttact	acatcggtca	cttctccagg	ctgccctaaa	480
ttaggttgat	ggagttagac	atgccaaaaca	tccacctttg	ggaccatagc	atagntaaaa	540
ttaaatgtag	ttggaatagc	tagcattgca	gctacagtag	ggaactgtag	tctanttccc	600
taccgaaaac	ccaaggagta	agggacagga	ttttgcctag	gcaaaaatct	aagactcgtg	660
cccttctggt	acatgggnt	taagactgaa	tgtgtaatag	gagactgctt	tgccaatcaa	720
atgatgacag	gtactgaaat	ngcaatccat	t			751

<210> 3076
 <211> 793
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(793)
 <223> n = A,T,C or G

<400> 3076
 ntntnnnnngtc taataattcn nnttctttgc nctctccatg caggatccca tcgattcgaa 60
 ttcggcacga ggagaggttc acagccacca agaaagaagt ttgcgtgaag ttctccagga 120
 ctatggaaac cttacaggat actgacttag aacctctgtt ggaatgtggc tgagtcaaag 180
 cctcctgttg ttgttagggg tatctacagt aaggagatga tacttcagga gattatattt 240
 cactcaatga tcttttctca tttcagggtc cttctcaaat aagctaaaag aaaaaggatc 300
 aggagacagg aaaagtcttc cgttttgagt catgagtagg gcaatagaca aggttctctt 360
 caaaaccatc attagtttgg ctttaagaaa ccagtagcta gctgctattt atatggtgag 420
 ggggtgctgc ctggtaacag aatagctcca caccacagct tgagattttg tttagtttca 480
 ctgtgtgagc tttcataaag tctgttgcca ttccatctct gtgttaacac ttcataattt 540
 tatgaaattc agataatttg tgagaggctg gcatggatct aaggatttat tatttttatt 600
 ctagtccatc aagttcaatc gcagttttat actaggacct tttaggatgg tncataaaat 660
 gtgtggactg tttgnccttg anttaaaagt gccacttttg gccctggggc atggngggct 720
 tcatgcctat taatcccagc acttttggga aggnccaagg ccggttggtc tcactttgan 780
 gctaaggaaa ttc 793

<210> 3077
 <211> 763
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(763)
 <223> n = A,T,C or G

<400> 3077
 nctcnantan ctatngcttg gttntctcgt ctnctctgcag gatcccatcg attcggttca 60
 gtgcaagctc cccatctttc gaaagtttcc atggcaatac agctaactga agaactaaaa 120
 gccagtgatg tacttgccag gtttctcagc caagaaagtg ggggttgcca gactctcaag 180
 aaaggagaag tttttttgta tgaaattgga ggaaatattg gggaacgctg ccttgatgat 240
 gacacttaca tgaaggattt atatcagctt aacccaaatg ctgagtgggt tataaagtca 300
 aagccattgt agaagactta acaagctgca gataaccatg tggacttctg tcataattct 360
 tgctgagtca agagtgtaaa taaaagaaat ggcaggactc atattattca gttgtaccca 420
 agtattttaa aatgactctc ttaagcctta aaaagtcata gatttgtgct gctgccagaa 480
 ttatattaat tattattaat gttattatta gaaaaaaaat ttctggagtg agagtaaaga 540
 ggcttaatta gtttgtgggc agttttcata tgctctgtga aatgtgtcca gatgtgacat 600
 agtttttttt taatatgtgg aaagtcttct ctcccatc tttctccta aaatcatata 660
 tactgnaata tatgctctct nactctatta ccttcttaca tctacccttt ccanttangt 720
 ttgctttttg cccaaaagat accaattcca ngtttggaag ttg 763

<210> 3078
 <211> 774
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(774)
 <223> n = A,T,C or G

<400> 3078
 ntntnnnnngtt tgnctannaa gnctttgctc ttgntctttt tgcaggatcc catcgattcg 60
 aattcggcac gagagagact agtctcgagt tnntttnttt tttttttcac aaataaacca 120
 actttaatag atnttatttn gtatttatat agtgcttctc tcaagaacct taaatgcttt 180
 acagacatta tctctaatta atccccacaa caacctgtg aggtaggtat tactcccat 240

ttacaagaca	ggganactga	agcacagaga	ggttaagtga	cttgcccaag	gtcacacagt	300
taaattcact	gaagagccag	gacatgagcg	ctttagcntc	ccanntccca	gccnaatacc	360
tcatgataga	atctttaata	aaaagtgttt	ntaaagaaag	tatcacgagt	agttatgtta	420
tgaaaatgag	gtctttntac	tgccatcaag	gaaagaaaaa	accctatact	gatgggttaga	480
ggccccaaga	cccacataat	acaacatttn	cctctttccc	tgttccnaag	cntcctgggt	540
cctgtcttaa	ataatctttt	aaaggtnaaa	tttccaagac	agaagccatg	tgacttaaga	600
agtgggactt	aatttttagaa	tatttacttt	agttacataa	atztatagga	aatttttatt	660
cccatttnca	aaatatggga	cagccattcc	aacatcatgt	catagttaca	cggnaatcaa	720
gtcccccantt	acaacttaca	ccancccccgn	attttaatca	cagtcaacca	acnt	774

<210> 3079

<211> 754

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(754)

<223> n = A,T,C or G

<400> 3079

ttancctata	ancgtctatg	aagcctttgc	tattngncaa	tggatgcagg	aaaactgaga	60
tgggatttcc	ccacgttgcc	caggctggtc	tcctgagctn	aaagcaatcc	agattgctgg	120
gattacagct	gtgagccacc	gtgcctggct	gagatgactt	ttaaaaaaag	acttctctaa	180
agtagaagga	aggggtggaat	tgtatgcaca	agaagaaaaa	aacctggaag	aaaaacatac	240
taaagaggct	ggagtgcaat	ggcgcatct	tggctaccgc	aacctccgcc	tcccgggttc	300
aagtgattct	cctgcctnag	cctcccaggt	agctgggatt	acaagcatgg	gccaccacgc	360
ctggctaatt	tgtattttta	gtagagacgg	agtttctcca	tggtggtcag	gctggtctcg	420
aactaccgac	ctcaggtgat	ccaccacct	cggcctccac	agtgctggga	ttacaagcat	480
gaaccaccgn	gcccggntct	ctgttccagt	ttctataat	ctggtcatat	tatattctgg	540
gtatatgtgg	gtggtgtgat	tatccatgtg	gtcttatttt	cacattcttt	gcattaacta	600
taatgactta	atgttttaag	ataagtttca	tttcttcaaa	agatgtatgt	ncaataacctg	660
ggtatcaggt	aacaatctta	aaaaaactta	ttcattttaa	aattaacctt	taaaattagc	720
cattccaatt	naacattaag	ganggttgng	agga			754

<210> 3080

<211> 785

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(785)

<223> n = A,T,C or G

<400> 3080

cnacnaattn	acanntcact	tntctnctngc	nctnntngca	tncgattcga	attcggcacg	60
aggtgaatgc	tgtgcctgtg	gccccacctg	tgtgtgatgt	cgccagaacc	cagccgactc	120
cttcagagaa	agctgcagga	gtcctggagg	gggcccttgg	gccacatgtt	gtcactaacc	180
tttatctcta	tccaatcaaa	tcctgtgctg	catttgaggt	gaccaggtgg	cctgtaggaa	240
accaagggct	gctatatgac	cggagctgga	tggttgtgaa	tcacaatggg	gtttgcctga	300
gtcagaagca	ggaaccccg	ctctgcctga	tccanccctt	catcgacttg	cggcaaagga	360
tcatggtcat	caaagccaaa	gggatggagc	ctatagaggt	gcctcttgag	gaaaatagtg	420
aacggactca	nattcgccaa	agcacggtct	gtgctgacag	agtaagtact	tatgattgtg	480
gagaaaaaat	ttcaagctgg	ttgtcaacat	tttttgcccc	tccttgtcat	ttgatcaaac	540
aaagttcaaa	ctctnaaagg	aatgcaaaga	agaaacatgg	gaaagatcaa	ctttccttgg	600
tacaatgggc	cacccttttc	tctgtgaatg	aangccncng	tatctgnttg	atcaacacat	660
tccagtattt	ttggaacttc	accgggnaac	ttnaaacacc	cattgatgan	aatgggaaan	720
ganggaatta	tttttacttg	aaaggatctt	naccttgctg	tttcgtgccc	aatattttatt	780
ancan						785

<210> 3081
 <211> 812
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(812)
 <223> n = A,T,C or G

```
<400> 3081
cttatnnant actccgtctc taaagccttt ntengattcg aattcggcac gagggaaaca      60
gctgactgcc actgaaagaa tnagcagttt taggggacta gtccttatgg gagataaagg      120
tcagaaatcg tagtatctga tgaagatatt ttgatgagca ggtgagaaga aagataaaca      180
tggccagatg gccaaaggact gggataagta gccgtttcac attcaattag aattctgtgg      240
ctggaataag atcagggaga gcagtaggaa gatatagtat tctataattc atagcttggt      300
gtgttagaga ttaattagga ttctgctggt gaatcttagt acaaaaaaat ctaatattta      360
ttaggaatta aggggaagatg gtacttctgt tatgttgccct aagcagacag gaagctacaa      420
gaacaccagt ctgaagcagt gcctcaggat ctcagatgat ttaggaagtg tgctgtaatg      480
tcaaaaaaaa aaaagtattg tcttttagtat atctatgtat agtctcgtgg gaaaagcatt      540
ggttgtggta tcaacagata ttctgggttc cagatgtctt gnaagttaac ctgcctccca      600
tttccctttc tgtaaagcca aaataattgg ttttaccacc ctaaactctgg cctctcaagg      660
gattnccatt ntttaantna aaaaattatg gtcctantna aagtgccaaa aaaaaaann      720
nnnnnaaaaa aaccttngga gnccctnttt anaacctttt tngtggaggt ccgnatttac      780
ccttnnnaat ncccgaacn ttggattaag gt                                     812
```

<210> 3082
 <211> 768
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(768)
 <223> n = A,T,C or G

```
<400> 3082
cactganctn ctatccttct tcnttgcagg atccnatcga ttccaattcg gcacgagatc      60
ctgtcgggat tccttgggat ctgantnaaa taccaaatag taccatacat gagttatttc      120
taagtttgaa agtataaaaag aaattgcac acactaatta caaaatacaa gttctggaaa      180
aaatatTTTT cttcatttta aaactttttt aactaataat ggctttgaaa gaagaggctt      240
aatttggggg tggtaactaa aatcaaaaaga aatgattgac ttgaggggtct ctgtttggta      300
agaatacatc attagcttaa nntnncngac aanngcntnt gtaatgntgt aactgctgtt      360
aatattnant gctntngtnt gagcnacctn antntgaaca gatgngtcag cctgcattgt      420
ggacatgcct canaaccatg aatagcccgn actagatctt gngaacatgg atcttagagt      480
cactttggaa taagtnttta tntnaatacc cncagccttt tgagaacggg gcttggttaa      540
ggacncgtat gtagggcccg tacctactgn cagttgggtt cangnaaatg ggattgactt      600
tggncttaag ntccttggtc ataatttttt aaaatatggg antnggaaaa ccccaaaga      660
atggaatgga ctcttnaaaa cantgaaaag acccttatcg gttgnccctt ggaatgtaga      720
atttggnnnt nggnttntct aattctgctt ggtnaaaggg gncagttt                                     768
```

<210> 3083
 <211> 781
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(781)
 <223> n = A,T,C or G

```

<400> 3083
tnnnngnttaa ncccttctct tgccttttgc ggatccctcg attcgaattc ggcacgagcc      60
aaggagtttt ccaccgctct ctcatgggtca cagcgctagt cattcatttt tgagaagttg      120
cttctttttac atcagaaaac cagtcaatca tatggagact tcttttgtga tgaaaaaggg      180
ctttagaagt taaatacatg catgcacatg aaaacatgca caaccacagc ctcaatcttg      240
tatttagttt ggggaaagag aagagaattt cctgtggatt attttttctt caagtgcacc      300
tctctgggta acccaaactc tgcaagaaag cactgtgact aaaacataca taacgcctgc      360
ataaatattc catggtttca gttaaatttc agtttttagc ctttacacat gaggtcaaag      420
gagtgcgaa aatacaaaagc aaggaaaaaa tgaaatatct ggtttttgct gaatgcttaa      480
tttatttttt actgtgccac tccaatattt atcaaatcca aatagcatga atgcttctct      540
gtagtaatac taattttgtg ccttttgtct gctttcttaa gaccagttgt tcacactttg      600
taggatatta gacaaatata tttcgattga attccacaac taaanaaaaa aaaaacttnn      660
agcctnttag aacttttagg gaggtcgat tacggtgat ncanaccatg gataaggata      720
cattggatga attttggaca aacccaacn ttggaatgcc ntggnaaaaa aatgcttttt      780
t                                                                                          781

```

<210> 3084

<211> 787

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(787)

<223> n = A,T,C or G

```

<400> 3084
gtntaanncc nangcettgc catcttgcag gatcccatcg attcgaattc ggcacgagag      60
aacgttctca ggttgaccag ctgctgtnta tttctttaag ggaggaagaa cttagtaagt      120
cattgcagtg catggataac aatcttctgc aagcccgctc agcccttcag acagcttatg      180
tggaagttca gaggtactt atgctcaagc agcagataac tatggagatg agtgcactga      240
ggacccatag aatacagatt ctacagggat tacaagaaac atatgaacct tctgagcacc      300
caggtttggc atagaaatgg tacccttgtt tcaaaatgaa caagaagcct tagatttggg      360
tggggaacct gatctgtcca gtctanaagg attccantgg gaaggtgttt ccatttcttc      420
gtccctggc ttggcaagaa agcgaagcct ttctgagagc agcgtgatca tggacagagc      480
tccttctgtg tatagcttct tcagttagga aggtacaggc aaanaaaatg agccccagca      540
gatggttcac ctagtaactc attgagggct tggacagagc cagaaagcaa cccattgcac      600
cttfaaaaca agaagtgaca cctnggggct tgccctncct tcccgaacan gtggaaaagg      660
ggcttgaaaa tgggtgttcc ccaaanggcg acntagtnca ccaattatcc tctgancata      720
ttaatacctt tgatngcatt ttggccaaaa agacttgacc agncaaggaa naggggtatt      780
ccccccc                                                                                      787

```

<210> 3085

<211> 750

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(750)

<223> n = A,T,C or G

```

<400> 3085
ngttaantan atccttgcac tggcggatcc ctcgattcga attcggcacg agatttaaag      60
tattagccaa cctcttcagg tattagcctg aagataaatt ttaacaaaac atatacactt      120
gggtatccgt cattgtcaa actctatagt gtattgtctg agccaatagg cagggtatat      180
tttattagct aaatttgata tttgtcttct gccttctgta tcacctcaa gctataggaa      240
atcaggattt tgttggcttt aagaaaacac atgggatgtt cactgtatat taaatatacc      300
tgtatttaat gttttctctt aggacagaaa agtagacaca cacacacaca cacacacaca      360
tgttgtgttc agctttctgt tttatattat ttgccattga gattagaata gaacaggctc      420
tattcatgca aactatatga aatgaaaaac ttttaagact cttcattaat tggagcttct      480

```

gggcaacatc	gtgtgtgtgt	gtgtgtgtgt	gtgtgtgtgt	gtgtatacag	acattttttt	540
tttaacttgn	tgattcanat	gtcttgggcc	ctgaatagtc	ctagattact	tattttgaga	600
attcattggg	aaaattacag	ggaattaaaa	taattgcctt	ttttttagan	ggtaaganat	660
gggtagaaga	ntatgcctnt	gnaaatatat	tagntattct	tgtggagaat	nccagaaaat	720
gggtatttgc	ccatgctaaa	tatganatan				750

<210> 3086

<211> 954

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(954)

<223> n = A,T,C or G

<400> 3086

tnnnnnnncc	ggnttctnnc	tcacgantnt	ngcatgcatt	tganagcatt	natcgattcg	60
aattcggcac	gagctgcgct	atcagcgcaa	agaacctccc	gttagtgcca	ctgacccccc	120
ctnccccccag	ccccacagct	gggtctggct	gggcactgac	caggaggaac	tgagccgcca	180
gctggaccgg	cagtccctcg	gcccgcctaa	gggggagggg	agctgcccct	gtgagagtgg	240
gggangaggg	gaggccctta	ccctggcccc	tggccctcct	gggggcacca	ccagctnctc	300
aagcacnctg	gcccgaagg	aggctnntng	ggcggctnaa	gcgagtana	tttgtgacat	360
ttgcncacag	cccttcagcc	cagnnacctg	aggagcctgt	aggggcccct	tgctgtgcag	420
taccatnctt	gtggcaggcg	acgaggacat	ccgntgngtg	tgtnaaggac	atgngccttg	480
aaggaccctg	angaagcttc	nnaaaactaca	tngagaggat	cccngggcaa	ctttcttgac	540
nctgcaanan	acaaccttgg	tcaagccccc	ncaacttggg	gcaaacgann	nggtgngaag	600
ggtttcccaa	cttggagccc	tttttccgtc	cttgcccctc	ggncantttt	cgtttttngg	660
tagccttggg	ttggaattcc	caagntcccc	cttggccttn	gngtnncntc	ncnnancaaa	720
nggggacntt	taccnatttn	cnaagggcnc	ncccnmtntt	tgggcccctt	ggcccccnmt	780
ttgggcccct	tggggaaacc	aaatgggggt	cnnntnnaaa	ngngnaaaaag	gggccttttca	840
attggccncc	ccnttttaaaa	atttnaaatg	gggggaaaac	ncccttttta	tcntatttnt	900
cttaaaccn	gnaaanattta	aaaaccnntn	atnnaaaggg	gaaaaaaaac	cccc	954

<210> 3087

<211> 789

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(789)

<223> n = A,T,C or G

<400> 3087

tnnccnctaa	nnttnatgcc	ttngttntn	cntccntttt	gcaggatccc	atcgattcgt	60
tagtgtactg	gatgtcaggt	ccctcaaaga	ttccttgagc	cattttcatg	tgaatgaaga	120
agaaatcaat	tgtctttcat	tgaatcaaac	ggaaaacctg	ctggcttctg	ctgacgactc	180
tggggcaatc	aaaatcctag	acttggaata	caagaaagtt	atcagatcct	tgaagagaca	240
ttccaatata	tgctcctcag	tggtttttcg	gcctcagagg	cctcagagcc	tggtgtcatg	300
tggactggat	atgcagggtga	tgctgtggag	tcttcaaaaa	gcccgaccac	tctggattac	360
aaattttacag	gaggatgaaa	anaagaaat	ggaaggccca	cagtcacctg	gtcagctctt	420
aaacctgccc	ctagcccatt	ctatctctgt	ggcttcgtgt	ggtaatat	ttagttgtgg	480
tgcagaagat	ggtaagggttc	gaatctttcg	gggtatggga	gttaagtgtg	aacaggaaact	540
gggatttaag	ggccacactt	caagggtatc	ccaggctctg	tttctcccag	aatcctattt	600
gctgctttac	tgganggaat	gatggggaag	atcaccgttt	gtggggatgc	caaacagtgg	660
aagtttgaag	aaaaaaccag	aagaagtccc	cacaaaaccg	taccacacag	gaagaaaccc	720
taaaggangg	acnttgcacc	aaagcagggt	gggaaaatcc	tnacgcctta	agtnacccca	780
tggaggga						789

<210> 3088

<211> 767
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(767)
 <223> n = A,T,C or G

<400> 3088
 tgnntnnngt tnnntntnag ccttgctctt tgcttctgca ggatccctcg attcgaattc 60
 ggcacgaggg ccaaagaggt gctacatgca ttgaaagaaa aggttacttc actacctgac 120
 aaccataaaa atgcccttgc tgctaacata gatgaaattg tatttacatc aacaggagac 180
 atctccattt actatgatga gaaaggaagg aagtttgta acatcctgat gtgcttttgg 240
 tatctaacca gtgccaacat ccccgatgaa actttaagag gagccagtgt attccagggt 300
 aagttgggga atcagaatgt ggaaactaaa caacttctta gtgcaagcta tgagtttcag 360
 agggagtcca cacaaggagt aaagcctgac tggaccattg cacggattga aactcaaaa 420
 ttattagaat aattttcttg gaaaaatcag cttatggact ttagcagttg ctgtgaaaaa 480
 ctaaggaaga aaaatttttg ggtcatttga tcttcactta atctaagtct gtgaattact 540
 tttatattat tttgaaatac tccttgagcgt atattggcat gatacagtaa aagcattttc 600
 cacaganttg gtatcacctt cttaaaagaa gncaaaaatt taaaaaattc caatagcccc 660
 gttggttggt gtcataattca ataacatttn caatgctaca tataatttta tagacttata 720
 aagaaggtn tgaaaaaaaa aaaannnnnn nnnnnnnnnn nngnnnn 767

<210> 3089
 <211> 706
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(706)
 <223> n = A,T,C or G

<400> 3089
 naatncttgg ctcttgttct ttntgcagga tcccatcgat tcgaattcgg cacgagaatg 60
 caaagggtcg cagttctcat tcaggctact ttcaggatgc acagaacata tattacattt 120
 cagacttgga aacatgcttc aattctaatt cagcaacatt atcgaacata tagagctgca 180
 aaattgcaaa gagaaaatta tatcagacaa tggcattctg ctgtggttat tcaggctgca 240
 tataaaggaa tgaaagcaag acaactttta agggaaaaac acaaagcttc tattgtaata 300
 caaggcacct acagaatgta taggcagtat tgtttctacc aaaagcttca gtgggctaca 360
 aaaaatcacac aagaaaaata tagagcaaat aaaaagaaac agaaagtatt tcaacacaat 420
 gaacttaaga aagagacttg tgttcaggca ggttttcagg acatgaacat aaaaaaacag 480
 attcaggaac agcaccagc tgccattatt attcagaagc attgtaaagc ctttaaaata 540
 aggaagcatt atctccacat tagagcacag tagtttctat tcaaagaaga tacagaaaac 600
 taactgcagt gcgtcccaag cagttatttg tatcagctct attacagagc tttaagtcca 660
 aagatatcaa atatgcacgg gctgcacact aatcagctct ctatca 706

<210> 3090
 <211> 763
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(763)
 <223> n = A,T,C or G

<400> 3090
 nctctactca gattgcttgg cgntctntnt gcaggatccc atcgattcga attcggcacg 60
 agccccactc ggggtatgtg aatgccccagc tggagaagga agtgcccatc ttcacaaagc 120

agcgcattga	cttcacccct	tccgagcgca	ttaccagtct	tgtcgtctcc	agcaatcagc	180
tgtgcatgag	cctgggcaag	gatacactgc	tccgcattga	cttgggcaag	gcaaatgagc	240
ccaaccacgt	ggagctggga	cgtaaggatg	acgcaaaagt	tcacaagatg	ttccttgacc	300
atactggctc	tcacctgctg	attgccctga	gcagcacgga	ggtcctctac	gtgaaccac	360
ttgagaaggc	tgccctcctag	gctctgctca	gtcatcttgc	aattgccaca	ctgtgaccac	420
gttgacggga	gtagagtagc	gctgttgccc	aggaggtgtc	agggtgtagt	gtattctgcc	480
agcttttcat	gctgttcttc	agagctgcag	ttatgccaga	ccatcagcct	gcctcccagt	540
agagcccttc	cacctggaga	aagtcagaaa	tctgacccaa	ttcacccctc	gcctctagca	600
cctcttctgt	cctgtcattc	ccacacacgt	tcctgttcac	ctcgagagag	agagagagag	660
agcacctttc	tttcgtctgn	tcacttttgc	gggctntgga	atnccagctc	ttctctntca	720
gaagaagcct	tctcttctc	tgccctttag	gtgtntccaa	agt		763

<210> 3091

<211> 774

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(774)

<223> n = A,T,C or G

<400> 3091

gnntttntn	ccttttntct	ttcaaatnct	tggtacttn	ctntttctgc	agggatccca	60
tcgattcgaa	ttcggcacga	ggagatctg	ccttctgagg	aagtggatca	agagctgatt	120
gaagacagtc	agtgggaaga	aatactgaag	caaccatgcc	catcgagta	cagtgtctatt	180
aaagaagaag	atctcgtggt	ctgggttgat	cctctggatg	gaaccaagga	atataccgaa	240
ggtcttcttg	acaatgtaac	agttcttatt	ggaattgctt	atgaaggaaa	agccatagca	300
ggagttatta	accagccata	ttacaactat	gaggcaggac	cagatgctgt	gttggggagg	360
acaatctggg	gagtttttag	tttaggcgcc	tttgggtttc	agctgaaaga	agtcctctgt	420
gggaaacaca	ttatcacaa	tactcgatcc	catagcaaca	agttgggttac	tgactgtgtt	480
gctgctatga	accccgatgc	tgtgctgcga	gtangaagaa	caangaaata	agattattca	540
gctgattgaa	gcaaaagcct	ctgcttattg	tatttgccaa	gtcctgggtt	gtagaantgg	600
ggatacttgg	tgctccagaa	gttantttta	catgcttntg	ggaaggcaag	tttaccgat	660
ttncatgggg	aatngttctt	tcaantncca	ccaaaggatt	gttgaaagcc	ttattgaact	720
tttgcaaggg	anttccttgg	cccacaattt	ganggaatta	ttgaccttcc	tttg	774

<210> 3092

<211> 759

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(759)

<223> n = A,T,C or G

<400> 3092

gnnnnnntt	nnntttcctt	ttcnaatnct	tggtacttgg	nnctttctgc	agggatccca	60
tcgattcgaa	ttcggcacga	ggccatgtga	ggacataggg	agaaagcagc	caccattggc	120
aagccaagag	agagccctca	ccaggaacga	ttggaccagc	accttgatct	tggttttct	180
agctctccaga	acttacagta	cgggtggctg	gcaagatggc	cgaataggaa	gagctccagt	240
ctacagctcc	cgagagatc	aacgcagaag	gaacagcagt	ctcagcggtt	agcagcaca	300
gagatgattt	acacaatgaa	gaaagtacat	gcactttggg	cttctgtatg	cctgctgctt	360
aatcttgccc	ctgcccctct	taatgctgat	tctgaggaag	atgaagaaca	cacaattatc	420
acagatacgg	agttgccacc	actgaaactt	atgcattcat	tttgtgcatt	caaggcggat	480
gatggcccat	gtaaagcaat	catgaaaaga	ttttcttcca	atattttcac	tcgacagtgc	540
gaagaattta	tatatggggg	gatgtgaaag	gaaatcaaga	atcgattttg	aaagtcttgg	600
aagagtgcaa	aaaaatgtgt	acaagagata	atgcaaacag	gattattaaa	gacaacattt	660
gcaaccaagg	aaaagccnag	atttctgctt	tttggaaga	agantcctgg	atatgtcnag	720
gntatattac	caggtatttt	tataaccatc	agaccaaac			759

<210> 3093
 <211> 738
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(738)
 <223> n = A,T,C or G

<400> 3093
 tctaattgctt ggctcttgnt ctttctgcag gatcccatcg attcgaattc ggcacgaggg 60
 agatccagat attcttagac ctgctgtttg aacctgtgag gcatttcaag aatggagagt 120
 gccattctgc agtcattcaa gcagtagaag acttggattt gtctaaagtt cttccttttag 180
 gtcgtcagca cggatcttta aacagccttg agatagtatt gaaaaacatt agtcatctga 240
 tcagcgcata cctgccgaag attttgcaga tactgctctg tatgacagca accgtatcac 300
 acatccttga ccaacgagaa aagatacagc tgagatttat taatccattg aaaaatttaa 360
 gacgtcttgg aatcaaaatg gtaactgata tctttttgga ctgggaatca tatcagttta 420
 gaacagaaga aattgatgct gtgtttcatg gtgcagtttg gccccagatc agcaggcttg 480
 gatctgagag tcaatattct cctactcctc tgctgaaact gatcagtatc tggagcagaa 540
 acgcaagata tttccctttg ctggctaaac agaacctggg caccagaaat gtgatatcct 600
 gaccaatggg tttttgcaat tctctcagcc gaagaatcct tcttgatgcc cacagccagt 660
 attgtaatgg gccataagtt ggatgacctt tnttaacctt tccagaattt cgagccctac 720
 cgaaaaccgg ttttggat 738

<210> 3094
 <211> 738
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(738)
 <223> n = A,T,C or G

<400> 3094
 tctaattgctt ggctcttgnt ctttctgcag gatcccatcg attcgaattc ggcacgaggg 60
 agatccagat attcttagac ctgctgtttg aacctgtgag gcatttcaag aatggagagt 120
 gccattctgc agtcattcaa gcagtagaag acttggattt gtctaaagtt cttccttttag 180
 gtcgtcagca cggatcttta aacagccttg agatagtatt gaaaaacatt agtcatctga 240
 tcagcgcata cctgccgaag attttgcaga tactgctctg tatgacagca accgtatcac 300
 acatccttga ccaacgagaa aagatacagc tgagatttat taatccattg aaaaatttaa 360
 gacgtcttgg aatcaaaatg gtaactgata tctttttgga ctgggaatca tatcagttta 420
 gaacagaaga aattgatgct gtgtttcatg gtgcagtttg gccccagatc agcaggcttg 480
 gatctgagag tcaatattct cctactcctc tgctgaaact gatcagtatc tggagcagaa 540
 acgcaagata tttccctttg ctggctaaac agaacctggg caccagaaat gtgatatcct 600
 gaccaatggg tttttgcaat tctctcagcc gaagaatcct tcttgatgcc cacagccagt 660
 attgtaatgg gccataagtt ggatgacctt tnttaacctt tccagaattt cgagccctac 720
 cgaaaaccgg ttttggat 738

<210> 3095
 <211> 787
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(787)
 <223> n = A,T,C or G

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<400> 3095
ncttctaata cttggctatt tctaatactt ggctactttc aaatccttgg gnantcgctc      60
tctctnecat atcccatcgn ttcgaattcg gcacgaggat tgtgacatgg tgtaataaaag      120
gtctacatgg ngtaataaaag gtatacatgg tgtaataaaag gatgtgggag cacanatcca      180
taggaatttg acagntagg aattgcttta ttattcangc ccttcactct cagactaccc      240
tgctctattt gaataatgan gcttgtgggt gtctgtggaa aantngacan antagaattt      300
ggncagctgc tgaangncac ggncctctga atgagtcac gtncacctan ggacagtant      360
nccaaattga nacnnaaact ttnagaaaac caatgtnatg gggccaagca attgggnagc      420
taggcccgcac ctnatntttt agngattttg aactcaatct ttaanatcct gnaacagaan      480
gananaaagg gtgnatattc gngnaatgac atncaagatc tnaactgcct ctnggctnct      540
anngatggnc gaaaaantgt gcncccaagg tttnnccct ntatttacca ccttgcaccc      600
atgccatngt ngaccttaca nntgmncaaa aggccttgc ccnntgtgan ancattcccc      660
tggnancttt ccctaccng ntgcctctt taantccttn attnaaaccc tgggggtgaa      720
aatcctgana aatntaantt aanaatctng ntaccttttc cntananaan aactaacctc      780
nagcccn                                           787

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<210> 3096.
<211> 757
<212> DNA
<213> Homo sapiens

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```

<220>
<221> misc_feature
<222> (1)...(757)
<223> n = A,T,C or G

```

```

<400> 3096
gntnnnttcn ntccctttcn aatncttggc tactttcnnt ctctgnagga tcccatcgat      60
tcgaattcgg cacgaggagg atccagatat tcttaggacc tgctgtttga acctgtgagg      120
catttcaaga atggagagtg ccattctgca gtcattcaag cagtagaaga cttggatttg      180
tctaaagttc ttcctttagg tcgtcagcac ggtatcttaa acagccttga gatagtattg      240
aaaaacatta gtcactgat cagcgcatat ctgccgaaga ttttgcana actgctctgt      300
atgacagcaa ccgtatcaca catccttgac caacgagaaa agatacagct gagatttatt      360
aatccattga aaaatttaag acgtcttga atcaaatgg taactgatat ctttttggac      420
tgggaaatcat atcagtttag aacagaagaa attgatgctg tgtttcatgg tgcagtttg      480
ccccagatca gcaggcttgg atctgagagt caatattctc ctactcctct gctgaaactg      540
atcagtatct ggagcnaaaa cgcangatat ttcctttgct tggctaaaca gaagccctg      600
gcaccagaa tgtgatatcc tgaccaatgt ttttgcaatt ctctcagccg aaagaatctt      660
tctgatgcn acagccagta tttgtaatgg gacatangt ggatgacctt ctttaaccct      720
ttccagaatt ncgagcctac nngaaaccag gtttttc                                           757

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```

<210> 3097
<211> 794
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(794)
<223> n = A,T,C or G

```

```

<400> 3097
gnttctaagt cttgggngnt ttcaaannct tggcnnttt cnaatgcttg gctactngat      60
ctttntgcan gatcccatcg attcgaatcg gcacgaggag ttttttgtga tattgaggca      120
ttcatacaga gctgcagtta gacggggtta cgggggctaa aagcagaaaa aaaattccat      180
ttcatcgagg tggaactgaa ggattttatt ctataaagcg gccctggttg aatctggcaa      240
ttctttttgc caagatccct agcagaagat ttagccatgt ccttccctc acttgtgtga      300
gtggccctt ctgaatctct ccagcagcca gaggcacgtg agaagcagaa agagctggtg      360
aataaagcct tgggcaagcg acttcttaga tcagaactca ccaaatggaa gcctagcagc      420
tgctccataa acctagcccc attcttcata tcaattttgt ataaatatat agaaacacac      480
acacagcctc agacttacia actgattata ctctaaaagt ttgtatgtca gttagctaaa      540

```

acttcagaat	acattttctt	cctataaaaag	agtttttaaat	gatgggtaag	ttcttcaagg	600
cagntncnca	anggcctatt	tntnccccaa	agggccccct	gaacnnttng	ncccccatan	660
aaactggaac	ccnccntttt	tgntantana	nccccntggg	ggaagtgncc	natttnnggg	720
gggttaaaaa	cccggggggg	tggccaanaa	aaacnacacn	ttntttttcc	nattcccann	780
cnataangag	aagg					794

<210> 3098
 <211> 715
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(715)
 <223> n = A,T,C or G

<400> 3098						
atgcttggct	cttgntcttt	ctgcaggatc	ccatcgattc	gaattcggca	cgagcttcag	60
gaactagatg	tatatgcaca	agggattgag	tttactactaa	aactaggaaa	tggagttttc	120
aatctatgtt	cttgccctctt	catactttta	tttatttttt	gtcatcctgc	cttatactgg	180
gctaacaatg	agataaaaata	aaaatacctt	tgaataactct	tttccctttc	atgcatttaa	240
agccatggag	gaactagacc	attagctgtt	gccgtcacat	gcttagacac	cagtttactt	300
agcgtgttat	gaccttcctc	accatacta	ccaaatttaa	atgggtcccg	acttcaccct	360
ctggaaggaa	gtaaactctt	ctctccccat	ggtttcagag	cagtttttac	ctgcaagcac	420
catctctgta	tgtgctctta	ctagattata	cagttcttga	gagggattgc	atcttggtgt	480
ttttgtattt	ccacctcacc	cccagcacat	agcccagctc	cttgcacaaa	ttaagtactt	540
aatgtgtgtt	gagctaaatt	gaataaagga	ttattagcat	tagcatattt	tgtgccttgg	600
ttgtataagc	tggttgtntg	ttttggtacc	tttgcaaata	tttatgatta	tcaccccccc	660
acataactaaa	ttgtttttta	aaggtttgnc	tttntctcag	aatactaccc	cangc	715

<210> 3099
 <211> 886
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(886)
 <223> n = A,T,C or G

<400> 3099						
tnancttcaa	tgctttttcca	aatncttggc	tctngttctt	tntgcaggat	cccatcgatt	60
cgaattcggc	acgagcagag	ctgtgatctg	cccccaggta	ttctgacccc	caaactggct	120
ctcaaccatg	tttacatgat	gaaaagaaga	ggtagactgt	gtatcagctc	taaaggcctc	180
acttttgggtg	aaatgggacc	taaatttgat	tgcatacttg	attacttgct	gtcaatactg	240
aaattggcac	ttcataattt	taatactatt	gaactttcac	cataaccctg	tcctataaag	300
ttgacttgca	aatgaagaaa	ctctatctct	tcaatattat	aaaatatatc	caagagtcac	360
aactagtgag	aaaaggacag	gatctaacta	acaatgtgag	gctgtgtcct	cacaccaatt	420
caacagagta	tcttgtaaatt	gttgagagga	gangtcttta	ggatcatggg	tgtctttcaa	480
taaagtgtct	tagaaaacag	gtgacaactg	gaattgggcc	cttggaggga	ttgaatngga	540
tttaagccca	gggcaantta	aaattagggg	aaaagcngaa	ttccttcaag	gaaccgggat	600
tttaaaaacc	cagcnttgga	gnaagaaaag	ttggaaaaat	ggagcccaag	ttggntaaag	660
gaacnaattg	gaatancctg	ggnccattg	gggatttttt	taagaaaaaa	gtgggttnaa	720
aaattgggaa	anttgaaatt	tggggnaatt	naaaancctt	tgggaaaaag	aaattggnc	780
ctgggggggn	ccccaggcc	tttnntttng	aaaaagggcc	nttnggggtt	ttnggccttt	840
taanaaatta	aaaggtccca	aaaattggnc	cncnntttng	aaccna		886

<210> 3100
 <211> 886
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(886)
 <223> n = A,T,C or G

```
<400> 3100
tnancttcaa tgcttttcca aatncttggc tctngttctt tntgcaggat cccatcgatt      60
cgaattcggc acgagcagag ctgtgatctg cccccaggta ttctgacccc caaactggct      120
ctcaaccatg tttacatgat gaaaagaaga ggtgactgtt gtatcagctc taaaggcctc      180
acttttggtg aaatgggacc taaatttgat tgcatacttg attacttgct gtcaatactg      240
aaattggcac ttcataatth taatactatt gaactttcac cataaccctg tcctataaag      300
ttgacttgca aatgaagaaa ctctatctct tcaatattat aaaatatatc caagagtcac      360
aactagttag aaaaggacag gatctaacta acaatgtgag gctgtgtctt cacaccaatt      420
caacagagta tcttgtaaht gttgagagga gangtcttta ggtcatgggg tgtctttcaa      480
taaagtgtct tagaaaacag gtgacaactg gaattggggc cttggaggga ttgaatngga      540
tttaagccca gggcaantta aaattagggg aaaagcngaa ttccttcaag gaaccgggat      600
tttaaaaacc cagcnttgga gnaagaaaaat ttggaaaaat ggagcccaag ttggnataag      660
gaacnaattg gaatanctg ggncccatth gggatttttt taagaaaaaa gtggtttnaa      720
aaattgggaa anttgaaatt tggggnaatt naaaancctt tgggaaaaag aaattggncc      780
ctgggggggn cccaagggcc tttnttttng aaaaagggcc nttngggggt ttnggccttt      840
taanaaatta aaaggtccca aaaattggnc cncnntttng aaccna                      886
```

<210> 3101
 <211> 738
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(738)
 <223> n = A,T,C or G

```
<400> 3101
tnancttnaa nccttttcaat tncttgctct gnnttnagcc gatccctcgt tcggagacat      60
catgtcaaca gaaatggaga tgtgcactgg ggaaactgcc ggccggggccg ctggcccgtg      120
gacgcctggg aggtggccaa ggccttcatg ccccgaggac tagcagacaa acaaggacct      180
gaggaatgtg atgcagttgc tcttttaagt ctcatcaact cctgcgatca ctctcggtt      240
gatcgaaga aagtcacaga ggtaattaaa tgtcgtaatg agatcatgca ctcttcagag      300
atgaaaagtat cttctacgtg gcttcgagat ttccagatga agatccaaaa ttttctgaat      360
gaattcaaga acatcccaga gattgtggca gtatactcca gaatagaaca gctgttgacg      420
tctgactggg ctgttcacat ccccgaggaa gatcagcgag atgggtgtga atgtgaaatg      480
ggaacttacc tgagttagag ccaagtcaat gaaatagaaa tgcagttact aaaggagaaa      540
cttcaagaga tatatcttca agcagaagaa caagaggtgt ttgcctgaag agctctcaaa      600
tcgactggga atggtgaang aatttctgag aaacatgaag gatcttagaa atgggcttta      660
cngaagatat gccagaaact ngacagcctt tgtcttcctt caaaaactgg attcacaagg      720
aacctgggag acaaacnt                      738
```

<210> 3102
 <211> 738
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(738)
 <223> n = A,T,C or G

```
<400> 3102
gnnttcaatg cttttccaaa tacntgctct tgttcttttt gcaggatccc atcgattcga      60
attcgggcag agattttgct ggacactcag acacaattta gagtatttat atataacttg      120
```

aaaacagtaa	catttccaaa	aaccgatgaa	ccccaccctg	tcccaaggaa	tgattggtat	180
gtatgtgaag	ttcattttct	gacaaaaata	attacgttcc	acttaggatg	cacaaccatg	240
ctgtcctgta	gagaagtcac	aagttttgtg	agaattttta	aactgatgat	gtttatttcc	300
atggtaacat	gagtatacat	tttaccttct	attgtagtga	tgaatcacia	ttagtctttt	360
tttatagggt	ggtggaaaag	taattgctgt	tttgccattg	cttttaattg	caaccacaa	420
tacttttgca	ccaacctaat	atattattaag	actttacttt	tttgagacca	atctctgaaa	480
ttgggattca	tggtgagagt	ctctaaggtc	cctgataaatt	tgctgcattt	gttgntgntt	540
tttgaggaaa	atttcatcac	tactcaaagt	atggctctct	ggctcgggtg	aagcttcgta	600
agctttgaaa	gccagataac	cagggtttca	gacaagtcta	gagccangtc	aggatatcaa	660
taagaccac	aggatgtagg	gcttgctctg	tanggagaca	tttagcttat	cttcccggca	720
aaaaaggctt	gtncctccc					738

<210> 3103
 <211> 737
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(737)
 <223> n = A,T,C or G

<400> 3103						
gnttnaancc	cttttgaaat	ncntgctctt	gntctttttg	caggatccca	tcgattcgaa	60
ttcggcacga	gagaaaaaca	acagagagaa	aaagaatacc	tgagatatgt	agaagcttta	120
cgagcccaaa	tccaggagaa	aatgcagctg	tataatatta	ctttacctcc	actatgctgt	180
tggtgctctg	atttttggga	tgctcatcct	gatacctgtg	ccaacaactg	tattttctat	240
aaaaaccaca	gagcatatac	tcgggcacta	cattcattca	tcaattcctg	tgatgtccct	300
gggggtaatt	caactcttcg	agtcgcaatt	cataattttg	cttctgcaca	caggcggact	360
ttgaaaaatc	tataataaga	atctgaaatt	aactggtagt	attttggtt	ttacttaaaa	420
tcatccctga	gagagtattt	aagaaaagct	gttcaagtta	taaaatatat	aatctggaaa	480
gaaatactgt	ctcatataat	aattagattg	taatcattgn	tttaattctt	gtctgggaac	540
caagattgaa	agctgactta	cttctctctt	ctgncttggt	aaccatacgg	agcctattat	600
tttaaaatat	gatcagacaa	gtaaggcttc	tcttactttg	ctctgctctg	atcagaagag	660
ctcatgtgaa	gtcttttgaga	ttctcttaat	tatcatcttc	tnaaactggg	ttttgagctt	720
gacagtnctg	aaaaagt					737

<210> 3104
 <211> 757
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(757)
 <223> n = A,T,C or G

<400> 3104						
gntnnnttcn	nttcctttcn	aatncttggc	tactttcnnt	ctctgnagga	tcccatcgat	60
tcgaattcgg	cacgaggagg	atccagatat	tcttaggacc	tgctgtttga	acctgtgagg	120
cattttcaaga	atggagagtg	ccattctgca	gtcattcaag	cagtagaaga	cttggatttg	180
tctaaagtcc	ttccttttagg	tcgtcagcac	ggtagcttaa	acagccttga	gatagtattg	240
aaaaacatta	gtcatctgat	cagcgcatac	ctgccgaaga	ttttgcanat	actgctctgt	300
atgacagcaa	ccgtatcaca	catccttgac	caacgagaaa	agatacagct	gagatttatt	360
aatccattga	aaaattttaag	acgtcttgga	atcaaaatgg	taactgatat	ctttttggac	420
tggaatcat	atcagtttag	aacagaagaa	attgatgctg	tgtttcatgg	tcgagtttgg	480
cccagatca	gcaggcttgg	atctgagagt	caatattctc	ctactcctct	gctgaaactg	540
atcagtatct	ggagcnaaaa	cgcangatat	ttccctttgc	tggtctaaaca	gaagccctgg	600
gcacccagaa	tgtgatatcc	tgaccaatgt	ttttgcaatt	ctctcagccg	aaagaatctt	660
tctgatgccn	acagccagta	tttgtaatgg	gacatangtt	ggatgacctt	ctttaaccct	720
ttccagaatt	ncgagcctac	nngaaaccag	gttttttc			757

<210> 3105
 <211> 749
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(749)
 <223> n = A,T,C or G

<400> 3105
 ttcaaatacnc ttgctacttt cnaatcgctt ggctactcgn tctttctgca ggatcccatc 60
 gatgtcggaa ttccggcacga gangtgtncc nactgtgccc tctgctngnc nctgctccna 120
 actntaacnc anttgcnttt ggtgnacang tcacctgcgt gtttaaaatn tccttttgta 180
 atgtatcgng aatgtgccga gaacatatga aantggntgn caatgganat ggaangggct 240
 ttattctcac ttaanagagc cctgggagga ataaggtttt atctggatca ggtatccaat 300
 tgcattggat aaacgtggcc tgaggcatga taaaatntna naacacaata ataagcctcc 360
 tggngacatc tctgnncctt ttatagtccc tcanctggct tgtttgcang gtgcangatg 420
 ggtgaccacc tgacgtgctt atgtggtcag taagttatct gaatanggtc tntctanacc 480
 ccctagaatt tgtggagctn ggttgcatca taggaaatgc aagctgtgct gnggttcaca 540
 agctaggaga ggagaatggg ttggatgtgc acctggctct gcaggaagcc catcttaggt 600
 tannncctga aggataaaga anctggccac tggaatggtt gggaaaaggc tntnnganct 660
 tcccatgccc aaccttggn ctttttnggg tatnatngtg cccngncctt gaacngcttt 720
 tttaantctg acaaanatac aggganttt 749

<210> 3106
 <211> 726
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(726)
 <223> n = A,T,C or G

<400> 3106
 tgagttcaat gttggcnttg cnaatnctgn ctgtncncn nttgcggtt aaccagnctn 60
 ncgattgagg antaaaggtc atngatggtc agaantgan tgacgttngg aatccacccc 120
 gtttattgta gaactggggg ttcagagggc aggtgcctca gagttgaggc cacacagtga 180
 ggtctggttg gtgaaaggac ccaggaacga ggcgttcang aaagcaggtt gtcagagcta 240
 tgtggagtct gtgggtggca ngggcagccg ctccagcctt tgaagacttt gaaagccaca 300
 gattcctggc gcaggcttgg acttntctgg agtcctcca agtaccannn ggcattcanan 360
 ctgcctgggt gttacatggc ccanngaacc catgttcang gtaggacatg catnaccaga 420
 taccaatgt gcanagtga nacactgggc tccctgttaa acgatgaaga attcangaca 480
 gtgacagcat tacntncccc ctggggacaa gaggtcagcc taagggtgaca cacggttgac 540
 tactgtgctt cggaggctcc ctgtgtcctg gnngaagaaa agcattnnag ggggcagctg 600
 gaccangctc ccaactgcag aagttccagc cctggcttgg gcaagggccc cggnccttgg 660
 actcacnatt nnctgatatg ccttaagnaa ttcattctgg tttgnacaat ttnttttttt 720
 aaaaan 726

<210> 3107
 <211> 907
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(907)
 <223> n = A,T,C or G

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<400> 3107
gttnaatcnt tggcatttnn anatecgtng ncganccgat cgattngaana nnggcacgag      60
gcagctgaaa gangatctgt ccagcntcat cctcctatca gagggaggacc tccagatgct      120
tggtgacgct ccctgctcag acctggctca ggaactacgt canagttgtg ccaccgtcca      180
gcggtgcag nacacactnc aacagggtgct tgaccaaana naggaantgc gtcagtccaa      240
gcagctcctg cagctgtacc tccaggcttt gganaaagag ggcaatnctc tngtcaaagc      300
angaagagtc caaagctgcc tttggtgagg agnggatgc antagacacn gggnatcagc      360
atgagagacc tgctaagacg ttgcgcttgg cngagccnca tccttactgc acttgnaggg      420
agaagcaggc tncanaagct gtngcttata taatacaggn attncggagt tgggttacct      480
aaaggannna ccccaaaaan cacttgnctt gtatggncctt ggaacctggg gacantnaaa      540
gaatnaccgg gacacctggt tcanagnaan gcccttgtna gtcagtttan ccttnggnan      600
cttgcnact ntgccaatca aannaacnnc cnataancct ttggcaannt tcntcccttt      660
ccngntaagg ncaatatttn nanaccanag gcccaaaggg ncccccttca acccaaancc      720
tttggggttg gaaccncttg ggcnaanaaa aatnccccct taaagtcccg atntgncccc      780
aaggaaccgg ggggaattct ccccananta tttngtccnn tacnnannat ctngggttaa      840
actntgnacg ccccanaagg ggaaaantct tctnttttgn gggctccnaa nttntatggg      900
ttaannn

```

<210> 3108

<211> 715

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(715)

<223> n = A,T,C or G

<400> 3108

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tcttnnntng gctattngat ctctntgcag gatccctcga ttcggaagac accagtgggtg      60
gaatcgagtg tttggccaca gttcgggacc tatggtagaa aaatactcag tagctaccca      120
gattgtaatg ggtggcggtta ctggctgggtg tgcaggattt ctgttccaga aagttggaaa      180
acttgcagca actgcagtag gtgggtggctt tcttcttctt cagattgcta gtcatagtgg      240
ctatgtgcag attgactgga agagagttga aaaagatgta aataaagcaa aaagacagat      300
taagaaaacga gcgaacaaag cagcacctga aatcaacaat ttaattgaag aagcaacaga      360
atttatcaag cagaacattg tgatatccag tggatttggtg ggaggctttt tgctcggact      420
tgcatcttaa ggacatgaat attctcccat aacggattca actatgagaa gagaagtggc      480
agcaataagg cagtctctca aaagtcatac tgccagagtc tctagggcaa ggagaaacaa      540
ctagctggac aatactcaat tcacaactta gcattttgcc atctgaagct tggcaaacta      600
gtatctgctg taaaacaacc tatatggtat gtgaaccgta gtattcctga gcaaaacgtg      660
gctttcatcg ctttgtaaaa atttggcatc tgtttagaaa ctagectata aaata      715

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<210> 3109

<211> 715

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(715)

<223> n = A,T,C or G

<400> 3109

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tcttnnntng gctattngat ctctntgcag gatccctcga ttcggaagac accagtgggtg      60
gaatcgagtg tttggccaca gttcgggacc tatggtagaa aaatactcag tagctaccca      120
gattgtaatg ggtggcggtta ctggctgggtg tgcaggattt ctgttccaga aagttggaaa      180
acttgcagca actgcagtag gtgggtggctt tcttcttctt cagattgcta gtcatagtgg      240
ctatgtgcag attgactgga agagagttga aaaagatgta aataaagcaa aaagacagat      300
taagaaaacga gcgaacaaag cagcacctga aatcaacaat ttaattgaag aagcaacaga      360
atttatcaag cagaacattg tgatatccag tggatttggtg ggaggctttt tgctcggact      420
tgcatcttaa ggacatgaat attctcccat aacggattca actatgagaa gagaagtggc      480

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agcaataagg	cagtctctca	aaagtcatac	tgccagagtc	tctagggcaa	ggagaaacaa	540
ctagctggac	aatactcaat	tcacaactta	gcattttgcc	atctgaagct	tggcaaacta	600
gtatctgctg	taaaacaacc	tatatgggat	gtgaaccgta	gtattcctga	gcaaaacgtg	660
gctttcatcg	ctttgtaaaa	atttggcatc	tgtttagaaa	ctagcctata	aaata	715

<210> 3110
 <211> 730
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(730)
 <223> n = A,T,C or G

<400> 3110	
ttttaatcnc	60
gtttttcgaa	120
aacctcaggg	180
gaacaattcc	240
tgctagccac	300
tcagaattta	360
attnctgcaa	420
tggaactg	480
gggaccagac	540
tgatctcctc	600
anccgttgat	660
ccatttnttg	720
gnttgcttgn	730

<210> 3111
 <211> 787
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(787)
 <223> n = A,T,C or G

<400> 3111	
ncttctaant	60
tctctncatg	120
gtctacatgg	180
taggaatttg	240
tgctctatgt	300
ggncagctgc	360
nccaaattga	420
taggcccagc	480
gananaaagg	540
anngatggnc	600
atgccatngt	660
tggnantctt	720
aatcctgana	780
nagcccn	787

<210> 3112
 <211> 746
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(746)
 <223> n = A,T,C or G

<400> 3112
 nttntnncct tnnnccanac tnaacncttt gcacttnctc tttntgcagg atcccatcga 60
 ttccaattcg gcacgagatt tgtaccaact gtaccatctg cttgttnctg ctccaaactt 120
 ttaccacatt gcttttggta aagagggtcac ctgcgtatatt aaaatatcct tttgtaatgn 180
 atttgggaaa gtgccaagaa cntntnnaaa tgggtggnaa ttgaaattga aagggcnttt 240
 aattttcatt aanaaanacc ctnggagng anataaggt tttatctggn atcagggnt 300
 ccaatggcat tgntatanac gtggcnctgg ggcagggata aaatttaaaa aacncaatan 360
 taagcctcct ggtgacatct ctgccctttt atagtcctctn atctggcttg tttgcagggn 420
 gcaagatggg tnaaccacctg acgtncttat gtggtcanna tgttatcaaa aggggntttt 480
 ctctangacc ccctanaatt tgtggagctg ggttgatca taggaaaatg caagctgtgc 540
 tgggtgtacac agctagagag ganaatgggt tggatgnnca cctgctntgc angangcna 600
 tctcagttat tgctgangat aaaaagctng ccttggaatg gaanggaaag gctnnangaa 660
 cttcccatgc nacctggccc tttttgggta tggncggtn ccaaaacctg ancttgtnt 720
 taccncngac aaaggngggg ggtttt 746

<210> 3113
 <211> 755
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(755)
 <223> n = A,T,C or G

<400> 3113
 gnttnnncct tttcantnct tggctctcgn cttnttgcag gatccctcga ttccaattcg 60
 gcacgaggtc tagtataatc ttgatgctca aaccagataa ggacaataca agaaaggaag 120
 agtataggct aattctaccc aataactaaa tgaagtatta gcaaaccaga ttcatcaata 180
 atctttttaa aatcaagaat taattggatt taggaatata acactgtgta taacaagttt 240
 aagagaaata tatgagaatg ataagactgc aattgaaagt agaggctttc tctggaggga 300
 aaggtgagga ggatgtgatt tggaagaaca gcatggggag gcatcagttg tattgtaatg 360
 tttatttttt aagctgaatg ataggtacgt agatgttcat tgtgttcttt ttgccttttt 420
 gtatatctta aatatatggt agtgccatga ttagcaggct taatagcctt gtgagtttaa 480
 atgtcacttt caaatgctgt atttttggtg gagttgctta aacacattcc ccttggnatc 540
 tatacaacca gttaaaaaaa atcatgtata naccacccat tgaaaatata atggaaatgt 600
 actgnatatg ccattttcat gaaatggttg tgtcaaaggg gcttnttagg aaaaaaaag 660
 atcgtttaac tctttttgca tttaagtga aataagggtg ggctttngga aatagtttca 720
 acccttgctt aaccagtttt ttttttcatg cttm 755

<210> 3114
 <211> 749
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(749)
 <223> n = A,T,C or G

<400> 3114
 ttcaaatacnc ttgctacttt cnaatcgctt ggctactcgn tctttctgca ggatcccatc 60
 gatgtcgga ttggcacga gangtgncc nactgtgcc tctgctngnc nctgctcna 120
 actntaacnc anttgcnttt ggtgnacang tcacctgctt gtttaaaatn tccttttcta 180
 atgtatcng aatgtgccga gaacatatga aantggntgn caatgganat ggaangggct 240
 ttattctcac ttaanagagc cctgggagga ataaggtttt atctggatca ggtatccaat 300

tgcatcggat	aaacgtggcc	tgaggcatga	taaaatntna	naacacaata	ataagcctcc	360
tgngacatc	tctgnncctt	ttatagcccc	tcantcggct	tgtttgcang	gtgcangatg	420
ggtgaccacc	tgacgtgctt	atgtggcag	taagttatct	gaatanggtc	tntctanacc	480
ccctagaatt	tgtggagctn	ggttgcatca	taggaaatgc	aagctgtgct	ggngttcaca	540
agctaggaga	ggagaatggg	ttggatgtgc	acctggctct	gcaggaagcc	catcttaggt	600
tannncctga	aggataaaga	anctggccac	tggaatggtt	gggaaaagcc	tntnnganct	660
tcccatgccc	aaccttggn	cttttnggg	tatnatngtg	ccngncctt	gaacngcttt	720
tttaantctg	acaaanatac	aggganttt				749

<210> 3115
 <211> 744
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(744)
 <223> n = A,T,C or G

<400> 3115						
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attcgaattc	ggcacgagaa	gtctgttgcc	attccatctc	tgtgttaaca	cttcatattt	120
ttatgaaatt	cagataattt	gtgagaggct	ggcatggatc	taaggattta	ttatttttat	180
tctagtccat	cagttcagtc	gcagttttta	tactaggact	ttaggatgta	cataaatgtg	240
tgactgtttg	tcttgattaa	aagtgcactt	tggcctgggc	atggtggctc	atgcctataa	300
tcccagcact	ttgggaggcc	aaggcggtg	gctcacttga	ggctaggagt	tcaagactag	360
cgtggccaac	atgaggaaac	cctgtctcta	ctaaaaatac	aaaaattagc	tgggtgtgtt	420
ggtgcatgct	tataatccca	gctacttggg	aggctgaggc	aggagaatcg	cttgaaccca	480
ggaggtggag	gtttgcagtg	agcccagat	tatgccactg	tactccancc	gtgggtgaca	540
gaatgagact	ctgtctcaaa	ttaaaaaaa	taaaaaaata	attttttttt	tttaaaagta	600
cccctttgnt	ggctggggca	cggcgactna	cgctgtgaat	nccagcacat	tggggaggcc	660
aaggcagggc	agatcaccaa	ggttagggag	ttccanacca	gccttggcca	acatgggnga	720
aaccctcgcn	tttactggaa	aann				744

<210> 3116
 <211> 765
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(765)
 <223> n = A,T,C or G

<400> 3116						
caatgcttgt	nntttnaanc	cttgnccctt	tcaaatcctt	ggctacttgt	tctttttgca	60
gggatcccat	cgattcgaat	tcggcacgag	acaagggtgct	ggcagtgaag	tgggggcaga	120
ctgagcctgt	gtagtgaagt	gtcttgagga	acgtcagctg	tatcttttag	gaaacccaaa	180
ctgcatagac	attgaaccca	ggcagaaggt	catgaagtca	gagctaagaa	atgctagtgg	240
ggataggggg	tgagatagag	ttgggaaatg	tttcagagct	acaggtgaca	gttgttggtg	300
tccagttgga	tatgtaccat	gaagggaaga	agcagtcaga	gtgggcacca	agctttctag	360
cctggaggac	tgaatggttc	tgtgcacatt	tcagatggaa	agaatagagg	cccacagaaa	420
gttaatgaga	tgcattttat	acataccagt	tttgaatttt	aaggacctgt	ggggtagata	480
tccaagatgg	ctattcccag	taatttgtat	ttatatcttg	ctacatcgca	gaaaggattt	540
gaagcttgct	aacacacata	agatataaga	attaaaatag	gctggaccnt	gggaacctca	600
cacctgtaat	nccagcattt	ttggggaagg	ccnaagccgg	gttggatcac	tttgaaggct	660
aagaantttc	cagaccaccc	tggccaacat	tggtnaaaac	ccccattcct	tattaaaaac	720
ttccaaaaat	tancaaaggt	gtggtggtnc	cttnccntta	atcca		765

<210> 3117
 <211> 830

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(830)
<223> n = A,T,C or G

<400> 3117
gcttcaatgc ttttcatttc aaatncttgg ctctttcaaa tccttggnac ncgatacnctt 60
tgcaggancc cancagcnnn nntgcggaac nggcttaacc agttcgggac ttacagnang 120
ctaccaatgg mnmntggccc nncgangata nggatctgcy ccacatggag gttttgggnc 180
gggancttna acgctacctg cnacnnaatnt tggntggmnt ccntgttnac nannttgtn 240
ttntgccaan gggcactcan tnatgcctat actatnnngc nnacancata acgnnnnnct 300
cncnnnatgn cttncacatt ncncaatcat tntgcntaca gtatnatgca tgatangcaa 360
gtagtcactg cntagtgaga tanggacngg atctncnta caatgtnang ctgaanntnn 420
acacnnatgc nacanactan cntggnaatg ggtataggac angtnmntta gntcatgnnt 480
gactatgnan nagtgcnnntn gngannatgn gatanntgan cnnnncttga agnttnaatg 540
gatgnatcca gcnnatngna atnngnnaan cctcntacta caagactgan ataatgnan 600
ttttgacgat aatgctnaat aatgnatcta anatgnaant taccatgttg gnaaacttgg 660
gcccattngc anaatttnan aaaaggtttt ggaaaatttg aaatggattg ngtagcaatt 720
aaagcttttn tacccttang ngcccnntga cctcncnngg gnattganat naantgnntt 780
ccggaatttg gcctctgant attttngctt ataatccnn nttgncgacn 830

<210> 3118
<211> 738
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(738)
<223> n = A,T,C or G

<400> 3118
tttcaaatng cttggctact ngttcttttt gcaggatccc atcgattcga attcggcacg 60
aggcctggac cgctcattcg gactcgctcg gcagagcttt tgtgctgnct tgcaccagga 120
actcagagaa tactatcgat tgctctctgt tttacattct cagctacaac tagaggatga 180
ccagggtgtg aatttgggac ttgagagtag tttaacactt cggcgccctc tggtttggac 240
ctatgatccc aaaatacgac tgaagaccct tgcggcccta gtggaccact gccaaaggaag 300
gaaaggaggt gagctggcct cagctgtcca cgcctacaca aaaacaggag acccgtaacat 360
gcggtctctg gtgcagcaca tctcagcct cgtgtctcat cctgttttga gcttctctga 420
ccgctggata tatgatgggg agcttgagga cacttaccac gaattttttg tagcattcag 480
atccaacagt taaaacagat cgactgtggc accgacaagt atactttgag gaaaatcgat 540
gattncttgc tttatgaacg atggatcaag tctangaaag gtccttttga taggaaaatc 600
aattaaattt cttgcccaag gtttgcccat gatcagactt cccacnttca aaaganggat 660
nagcttggtg aaccaanttc ttgcagangt caccccaagg aatgcttgna anacctnttt 720
cccananctt tggnaaat 738

<210> 3119
<211> 794
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(794)
<223> n = A,T,C or G

<400> 3119
gnttctaattg cttgggngnt ttcaaannct tggcnntttt cnaatgcttg gctactngat 60

cttntgtcan	gatcccatcg	attcgaatcg	gcacgaggag	ttttttgtga	tattgaggca	120
ttcatacaga	gctgcagtta	gacgggggta	cgggggctaa	aagcagaaaa	aaaattccat	180
ttcatcgga	tggaactgaa	ggattttatt	ctataaagcg	gccctggttg	aatctggcaa	240
ttctttttgc	caagatccct	agcagaagat	ttagccatgt	ccttccccctc	acttgtgtga	300
gtggcccctt	ctgaatctct	ccagcagcca	gaggcacgtg	agaagcagaa	agagctggta	360
aataaagcct	tgggcaagcg	acttcttaga	tcagaactca	ccaaatggaa	gcctagcagc	420
tgctccataa	acctagcccc	attcttcata	tcaattttgt	ataaatatat	agaaacacac	480
acacagcctc	agacttacaa	actgattata	ctctaaaagt	ttgtatgtca	gttagctaaa	540
acttcagaat	acattttctt	cctataaaaag	agttttaaat	gatgggtaag	ttcttcaagg	600
cagntncnca	anggcctatt	tntncccaa	agggccccct	gaacnnttng	ncccccatan	660
aaactggaac	ccnccntttt	tgntantana	nccccntggg	ggaagtgncc	natttnnggg	720
gggttaaaaa	cccggggggg	tggccaanaa	aaacnacacn	ttntttttcc	nattcccan	780
cnataangag	aagg					794

<210> 3120
 <211> 746
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(746)
 <223> n = A,T,C or G

<400> 3120						
ntntnnccct	tnnnccanac	tnaacncttt	gcacttnctc	ttntnagcag	atcccatcga	60
ttcgaattcg	gcacgagatt	tgtaccaact	gtaccatctg	cttgtnctg	ctccaaactt	120
ttaccacttt	gcttttggtg	aagaggtcac	ctgcgtatct	aaaatctcct	tttgtaatgn	180
atttgggaaa	gtgccaagaa	cntntnnaaa	tgggtggnaa	ttgaaattga	aagggccttt	240
aattttcctt	aanaaanacc	ctnggaggng	anataagggt	tttatctggn	atcagggtn	300
ccaatggcat	tgntatanac	gtggcnctgg	ggcagggata	aaatttaaaa	aacncaatan	360
taagcctcct	ggtgacatct	ctgccctttt	atagtccttn	atctggcttg	tttgaggggn	420
gcaagatggg	tnaccacctg	acgtncctat	gtggtcanna	tggtatcaaa	aggggntttt	480
ctctangacc	ccctanaatt	tgtggagctg	ggttgatca	taggaaaatg	caagctgtgc	540
tggtgtacac	agctagagag	ganaatgggt	tggatgnnca	cctgctntgc	angangccna	600
tctcagttat	tgctgangat	aaaaagctng	ccttggaatg	gaanggaaag	gctnnangaa	660
cttcccatgc	nacctggccc	tttttgggta	tggncggtgn	ccaaaacctg	ancttgttnt	720
taccccnagc	aaaggngggg	gggtttt				746

<210> 3121
 <211> 773
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(773)
 <223> n = A,T,C or G

<400> 3121						
gcccccttca	ttcaaactct	tggctactcg	ttctttntgc	aggatcccat	cgattcgaat	60
tgatgagcct	tattaactat	cttttcatta	tgagacaaag	gttctgatta	tgctactggg	120
ttgaaatttt	ttaatctagt	caagaaggaa	aatttgatga	ggaaggaagg	aatggatatc	180
ttcagaaggg	cttcgcctaa	gctggaacat	ggatagattc	cattctaaca	taaagatctt	240
taagttcaaa	tatagatgag	ttgactggta	gatttggtgg	tagttgcttt	ctcgggatat	300
aagaagcaaa	atcaactgct	acaagtaaag	aggggatggg	gaagggtgtg	cacatttaaa	360
gagagaaaag	gtgaaaaagc	ctaattgtgg	gaatgcacag	gtttcaccag	atcagatgat	420
gtctggttat	tctgtaaatt	atagttctta	tcccagaaat	tactgccttc	accatcccta	480
atatcttcta	atnggtatca	tataatgacc	cactcttctt	atgntatccc	aaacagttat	540
tgtggcattt	aataatggaa	tgtncatggg	aattttccca	ctggccttac	ctttctgncc	600
ttggggaagc	ttaaactctg	gaatcttctc	aatctgtaaa	atggggaatt	aaaagtatct	660

acctaactga gttgggaatg nanntgaaaa gaaaggccat ttttntaaa tcttgaatt	720
tagccaagcc cacntccgat tttatggccc tttcccatng ccctggantg nnn	773

<210> 3122
 <211> 775
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(775)
 <223> n = A,T,C or G

<400> 3122	
nctctttgac ctcnnttggc tactngttct ttntgcagga tcccatcgat tccgtcagat	60
ggtagaaaaat gaaataatta aatagatacc atttgagttc tgggagccag gtgaagaagt	120
gtttgtttgt ttttgagacg gagtctcact ctgttaccca ggttgagtg cagtggcctg	180
atcttggcgc actgcaacct ccgccttctg ggctcaagt attctcctgc tccagcctcc	240
tgagtagctg gggctacaga cgtgtaccac cacacctggc tactttttgt atttttagca	300
gagaggggat ttcgccatgt tggtcaggct ggttttgaac tcctgacctc aggtgatctg	360
cccaccttgg cctctcaaag tgctgggatt acaagcgtga gccactgtgc ccggccagaa	420
ggagtgtttt gagaatggct aagagaagat aggttgaata gctatgccta catgtcacta	480
attaacatct cagagatctc tgctacaggt tgtccgtcct cattttgtct aatatttttc	540
caatggcatg agtataggaa gataaacggg gaatgttttg aagtaataaa aaaattccat	600
tcataaagaa gaacaacatg tattaagctt tgtgcaccaa acaacacaaa cagggaagac	660
acataaggca anaagctttt agnaaaaaaa nnntncntnn nnannntaat aaaaaactnn	720
ggncccttng aactntaggn gagnccgnnt ttaccgtana atccaganct gaata	775

<210> 3123
 <211> 775
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(775)
 <223> n = A,T,C or G

<400> 3123	
nctctttgac ctcnnttggc tactngttct ttntgcagga tcccatcgat tccgtcagat	60
ggtagaaaaat gaaataatta aatagatacc atttgagttc tgggagccag gtgaagaagt	120
gtttgtttgt ttttgagacg gagtctcact ctgttaccca ggttgagtg cagtggcctg	180
atcttggcgc actgcaacct ccgccttctg ggctcaagt attctcctgc tccagcctcc	240
tgagtagctg gggctacaga cgtgtaccac cacacctggc tactttttgt atttttagca	300
gagaggggat ttcgccatgt tggtcaggct ggttttgaac tcctgacctc aggtgatctg	360
cccaccttgg cctctcaaag tgctgggatt acaagcgtga gccactgtgc ccggccagaa	420
ggagtgtttt gagaatggct aagagaagat aggttgaata gctatgccta catgtcacta	480
attaacatct cagagatctc tgctacaggt tgtccgtcct cattttgtct aatatttttc	540
caatggcatg agtataggaa gataaacggg gaatgttttg aagtaataaa aaaattccat	600
tcataaagaa gaacaacatg tattaagctt tgtgcaccaa acaacacaaa cagggaagac	660
acataaggca anaagctttt agnaaaaaaa nnntncntnn nnannntaat aaaaaactnn	720
ggncccttng aactntaggn gagnccgnnt ttaccgtana atccaganct gaata	775

<210> 3124
 <211> 820
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(820)

<223> n = A,T,C or G

<400> 3124

tcccnagant	ccatncgttt	ggcnactcgt	tctttntgca	ggatcccatc	gattcgaatt	60
cggcacgagt	gttctttag	tgtttgtgc	tattgttaga	aagattatta	gtgatatgtg	120
gggtgtctta	gctaaacaac	agacacatgt	aagaaaacac	cagtttgatc	atggagagct	180
ggtttaacat	gcattgcaat	tgtttagcata	tacagccctt	ggtattttaa	ttatgagact	240
aaaactcttc	ttgacaccac	acatgtgtgt	tatggcatca	ctgatctgct	caagacagct	300
atttggaagg	ctcttttgca	aagtncatcc	tggtgctatt	gtgtttgcta	tattancagc	360
aatgtcaata	caagggtcag	caaactctgca	aaccagtggt	aatattgtag	gggaagttca	420
gcaatttgcc	ccaagaagaa	cttatagaat	ggatcaaata	tagtactaaa	ccagatgcag	480
tgtttgcngg	tgccatgccc	acgatggcaa	gtgttaagct	ctctgcactt	cggcccatg	540
tgaatcatcc	acattatgaa	gacgcagtct	tganagcccn	aacaaaaaat	angttttact	600
naaatgtata	ngtacgggaa	aggcacnccg	anggaaagt	aaaacgagga	actngattaa	660
agttnaaaag	gtggaactta	ttancattnc	ctatanaant	agttcatggg	tgtgntaaan	720
aaaggatccn	aagcccctgg	tttgcangtt	tgccctggaa	antttggggg	atgttnggaa	780
gaanacctng	cccaaatggc	ttggggcaaa	aacnttcct			820

<210> 3125

<211> 776

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(776)

<223> n = A,T,C or G

<400> 3125

ntcctctntt	gccttcgntt	ggcnacttgn	tctttttgca	ggatcccatc	gattcgggtt	60
agcaatatga	atataatgcc	aagtactgat	aaaatacggg	attcatttag	aatcaacata	120
ggtagacaga	ctgttttttag	taagggtttg	ttttttggtg	aataccatgt	ttgggctgtc	180
agacttactt	ttcccttgag	atccatattt	tgtacatgac	ataccagata	tatgcaatat	240
gaaacggaaa	cagtttttca	atctaataac	caggagtttg	tgtaaatatc	ttgtgaactt	300
gtggctcttg	gtatctggca	ttgataaggg	tgtctactaa	tcctagagaa	aggggaagtag	360
actccgtttt	aaagtctagt	ccagtcctat	tctttagttc	atagaaatgg	tctaagttaa	420
tgatagactc	cgcacttatg	ttcagaaagc	atcatcatta	cagctttgtt	gaagggactt	480
ctgagtaang	attatgtttg	cgtctcctgt	tggtggaagg	cccatgaagc	gtaatttcct	540
nctcaccatg	ggcttcttta	ttattgntga	gtttttcata	ctcanggatg	tgaattcaac	600
cttgggtgtt	ccagttcaga	gaaaatattt	catgaaagga	tgaagtgttg	gttcaattct	660
aggaccagna	ttgagtggca	ttatattcca	gangtcctta	tgggaaatgc	tgggatttat	720
tgagtnggtt	tnncaggnc	ttttcgncct	ntttgccttg	ggactaacta	anacan	776

<210> 3126

<211> 813

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(813)

<223> n = A,T,C or G

<400> 3126

gcctccttct	ttcaaaacnc	ttggctactn	gttctttttg	caggatccca	tcgattcgaa	60
ttcggcacga	ggccacacgg	gccgcatcat	ncctgcaatc	tggttcgct	acgacctcag	120
ccccatcacg	gtcaagtaca	cagagagacg	gnagcccgnt	gtacagattc	atcaccacga	180
tctgtgccat	cattggcggg	accttnaccg	ncgcccgc	nctggactca	tgcatcttca	240
cagcctntga	ggcctggaag	aagatccagc	tgggcaagat	gcattgacgc	cacaccacgc	300
ctaattggcg	angaccctgg	gcacgcccag	ccttgccctc	agtgccctgt	ntnctttggc	360
cctcaatctg	gncccaaatc	tggtgtgtgc	ccaaaggtgt	tgtgggaagt	ggggggaaag	420

tanaggatgg	ctcgatgttt	tgcagctacc	tcttttcccc	gtgttncctt	ttagacaaat	480
tacactgcct	gaagttgcan	ttcccccttn	cctgggggagc	ccnaagaaca	gagtcnnggc	540
anggggtggg	gagtcaggg	atcttggggg	acccctccta	aggagaagct	tgagtcctct	600
tcntaagg	gaacatccca	gaatgcatta	tcgantcagc	ttnttaagcc	caggctttan	660
acaaattctt	nnnagnnccc	caattaggg	nggacacccat	ttaaataaat	ttgggtttac	720
ttccccctgg	ggcaagncca	anccttgccc	ccanaaggct	acncanaaac	cttgggggct	780
tttaagcctt	ttgggggaccc	aggnttggcn	nnt			813

<210> 3127
 <211> 739
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(739)
 <223> n = A,T,C or G

<400> 3127						
gnntttnnnnn	nttttcaant	nnnggctctg	ntcttttgca	ggatccctcg	attcgaattc	60
ggcacgagcc	tagtcccaga	gtcctggagc	ggcatactgg	gggtggctgt	gcagtcccag	120
catccccaac	ccagcatgta	tagagagcat	ccatccttac	atccagctga	cccatgccca	180
tgctcctccc	tgtggctgga	ggttcaacaa	taacataagt	ctcttctttg	ccctccagat	240
atttctccct	cgagtggctg	ggaaacttgg	caagagacca	gaggacccaa	atgcagaccc	300
ttcaagttag	gccaaggcaa	tggtgtgtgc	ctatcttctg	agaagaaagt	tcagtaattc	360
cctgaaaagt	caaggtaaa	atgatgattc	ttttgatcgg	aaatcagtg	acccgaggct	420
cgctgacaca	gagaaacccc	aacgcgagga	aaggaatggc	cagccacacc	ttcgcgaaac	480
ctgtggtggc	ccaccagtcc	taacgggaca	ggacagagag	acagagcagc	cctgcactgg	540
tttcccttca	ccacagccat	cctgtccctt	cattggctct	gggctttcca	ctatacacag	600
tcaccgtcca	atgagaaaca	agaaggagca	cccttcacat	ngactccaac	tgcaagttag	660
acagcgacat	tcaatcctgn	actgggttaac	tgggggttact	ggatgactcc	tggttgccca	720
ccatnctttt	tgactggga					739

<210> 3128
 <211> 782
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(782)
 <223> n = A,T,C or G

<400> 3128						
ntgcttcttc	tncnnaaccc	tttggnnaact	ncctctttnt	gcaggatccc	atcgattcga	60
aaatatattta	gtataagcaa	ttggctgtga	tgctcaaatt	tattgcatcc	tcttattgaa	120
tttgccaatt	tgtaattttt	gcataataaa	gaaccaaagg	tgtaatgttt	tgttgagagg	180
tggttttaggg	attttgggccc	taaccaatac	attgaatgta	tgatgactat	ttgggaggac	240
acatttatgt	acccagaggc	ccccactaat	aagtgggtact	atgggttactt	ccttgtgtac	300
atttctctta	aaagtgatat	tatatctgtt	tgtatgagaa	acccagtaac	caataaaatg	360
accgcataatt	cctgactaaa	cgtagtaagg	aaaatgcaca	ctttgttttt	acttttccgt	420
ttcattctaa	aggtagttaa	gatgaaattt	atatgaaagc	atttttatca	cåaaataaaa	480
aagggtttgccc	aagctcagtg	gtgttgnatt	ttttattttc	caatactgca	tccatggcct	540
ggcagtgtta	cctcatgatg	tcataatntg	ctgagagaag	caaattttct	ttcttttctg	600
aatccacaaa	agcctagcac	caaacttcct	tttttcttcc	tttaattaag	atcataaata	660
aatgatcct	gggggaaaaa	ngcatctgtc	aaaataggga	aaacattccc	aaaactggag	720
ccactcttct	tgtgcaccta	anccatagct	tggtgaccaa	acaagatngg	ttgcttcaag	780
gn						782

<210> 3129
 <211> 1407

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1407)
<223> n = A,T,C or G

<400> 3129
acnnnacnnn gnaagnnacn ngaanapnnng naannnacna annngnanagn gnaananaag 60
gngggggnga gaccnccagn nggngnccan naaccccntg ggnaaanngc cnananngca 120
ggaacccanc gnanagnaann ngggnannga ggcagagnac ccgcaggaan cnnnaacann 180
gannacaggc aggaaacnna caaaaaggag ganngngaaa acaaanacan acagngaggc 240
caaagnaaaa aacatcagna nncgcnnana cagnncangn annccaagga anaanaaggg 300
aagganaaac aagnngnna aaagaacaaa ggagngaang ccananangc nnagcnaann 360
naaacaanaa cggggganaa ggcganaanc nacngnanna nngcaannag aangaannan 420
acgnnngacg gcgannagna nggacagcgn agannnnann nnnnnaggan nnnagnacan 480
agnnnacgan cggcacanan ggcgganana gnnngancac angacacaan acanacacga 540
ncaggcnngg annanacacg gaagcaaagn agaagngcag aaagananna gaancancnc 600
cgagaggcan agncacagna gnnanngcan agnncnanna gnagnagna agcgacagag 660
nnncgaagcn gagnaacaca caangaaanc agannacgag nagacggang aaagggaga 720
caaagagaga ggnangaaan gaaagaaaca gagagngcag aagacncng agagaagaga 780
gacagnagna ngagancncg cnnacngana nganaagaca nagaaanaga gngcgnagag 840
acnanaggga gcgaacgcag anangagaan agacngaana aagaggagca aannnnaggn 900
ngaannncac gaggacagan cncaacaagn ncnnaggcan acgaaaanan acaggacgag 960
gangnnacan agcgcganna gncncannng agcgcgaaac aggannanag agaacagcga 1020
nagaganngg aagggcagac anaggnaaaa ggggganaca cacgagangc gacacaggan 1080
aanngcgagg acggacnggg nggggagaga aaacgngcga ncnggnaagg agaagnanna 1140
aggagaggan nagacgacgc nagananang nagnanngaa agcacangga cggaacangn 1200
ngcacgagca ggcanacnaa anaaganggn angaaggaan agannncaag ngangaaacn 1260
gaaagaggna aagncncgan gagngnacca gacgcagaan nngnagcaca agagaacnga 1320
gagagancga naggagaagg gagnganaga naagaagaaa agcgggnaac aaaaaacang 1380
ncncccnag acaaagnggg nggcgng 1407

<210> 3130
<211> 876
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(876)
<223> n = A,T,C or G

<400> 3130
gtcccttttc nntnaatccc tttgggtctt tctgcaggat ccctcgattc gaattcggca 60
cgagatacaa atactacgtt ggacgcaagg ctatgtttga cagcgatttt aagcaagatg 120
ctggttatgt tgacatagga aatggagatt aggacaacat ttagttcagc gactgacttc 180
atgacctaca catnccgcat ggagatgact tagaagcagg ggatatgcc ttggacctgg 240
tgtcaaagct ctcgtttaa cagcctcgtg cagtgtgtcg ctaccacaag agctcctggt 300
taaacagcct cgcacggcgt gtcgcttgcc acacctgaca ctattggatt agtttacgtt 360
gctgangagt acctgtcatt tgcctttgag cattgtcacc cgtnttaggt ccgaannaac 420
caaaatgggt tggatnctng gacccttntt tggctttccn gtnaaaaaat ggctttttgg 480
ggntcanaat tgcccnctt gggggggang ctttncntga aaaaaaggtt tntnccctnn 540
gntgccnaan tttttggccg gaaantttac cccnannccc ttttaaacc aangggcnaa 600
acctnnnttg nttgntttca aacaaaggcc cttttgnaa aaaccccggn nggncntttt 660
tttaaatnc cttggngnga nttttctc antccnngga aaaaccttta aaantnnttc 720
cccttanang gaacctttt nnaaaaaaa gnggttttcc tttaccngaa anccccnccg 780
atTTTTTTTg gnatnnttna tagggttccc tnnaaattcn ancccgntnn nntgccntt 840
naantnnaat canntttaac ntnncnnnn naatcc 876

<210> 3131
 <211> 1195
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1195)
 <223> n = A,T,C or G

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<400> 3131
nnnnngggnnn nnnnnnnnnn nnnnggggggg ggggggnngga nngnggnngn ngnnnnngnng      60
nnngnnannnn nnnngnngng gcgtttccnc ttttctangn tgnaaaaaaa acccggtttt      120
tggggngaaa aanngcccn aggccnaggg gaatnccnc aanncgggna annngcgggn      180
aaaaannncgg gccnnacgga gggggngana gaagnnnngn aaggggagnn gggnggcngc      240
gggnnnaggc gataggaaa agngaanga ggngcnnggg gggganngag ggnnnggang      300
accggangng anggagcng gcagnggga nnnacggagn ggggcangnn gancgangaa      360
ggcgnagnga ggaaanaaaa ccngggagan ggngctgna gnaannnggn nnaggatggg      420
aggaaaaanc atanaaaaana ggngccngna ggagagaatn gnccccngng gangggngng      480
gnacgggna angnnnangn nagnggggg nngaagcggg ggaannnagn gggnaagnn      540
gnngngagg gggngcgnag gagagngng ggngggnggg agganaangn ncngganccn      600
gagngggga ggaagagng ngggganngn nnggangang nggnngnngg ganngggng      660
anaggngnnn nngggngnna tcaggcnggg gagaggang aagcnggcgg nncngggnga      720
ngagcaggcn gngaggnnc nngnagagcg agngnnnngc nancggnnna gagnggagtc      780
nnagngngga ngngcagagn nnagngcnnn gagngnang ngnagagng ngnnnnnng      840
ngngcnangn ncnnngngg nagcntgngc nngngggaag gangnnngn ngaggnaag      900
nnaggnngng gngagngcgg nagngggcgg acagncgggg nggnngagn nganagnag      960
ngngggngng angagngcgg ngantgncg anggcgcngn cgggggagag nagannngng      1020
ggngagngng ngcngnnan ggnggacgg aggagnggn nnaggnggg aggnngancg      1080
angngnnan acggcnggn gnggangngn gacnnagng gaggnngag gagagnggan      1140
ggggggngn gcnnngnagg ggnaggngcg agnagncnac angangggga gngcg      1195
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<210> 3132
 <211> 1195
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1195)
 <223> n = A,T,C or G

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<400> 3132
nnnnngggnnn nnnnnnnnnn nnnnggggggg ggggggnngga nngnggnngn ngnnnnngnng      60
nnngnnannnn nnnngnngng gcgtttccnc ttttctangn tgnaaaaaaa acccggtttt      120
tggggngaaa aanngcccn aggccnaggg gaatnccnc aanncgggna annngcgggn      180
aaaaannncgg gccnnacgga gggggngana gaagnnnngn aaggggagnn gggnggcngc      240
gggnnnaggc gataggaaa agngaanga ggngcnnggg gggganngag ggnnnggang      300
accggangng anggagcng gcagnggga nnnacggagn ggggcangnn gancgangaa      360
ggcgnagnga ggaaanaaaa ccngggagan ggngctgna gnaannnggn nnaggatggg      420
aggaaaaanc atanaaaaana ggngccngna ggagagaatn gnccccngng gangggngng      480
gnacgggna angnnnangn nagnggggg nngaagcggg ggaannnagn gggnaagnn      540
gnngngagg gggngcgnag gagagngng ggngggnggg agganaangn ncngganccn      600
gagngggga ggaagagng ngggganngn nnggangang nggnngnngg ganngggng      660
anaggngnnn nngggngnna tcaggcnggg gagaggang aagcnggcgg nncngggnga      720
ngagcaggcn gngaggnnc nngnagagcg agngnnnngc nancggnnna gagnggagtc      780
nnagngngga ngngcagagn nnagngcnnn gagngnang ngnagagng ngnnnnnng      840
ngngcnangn ncnnngngg nagcntgngc nngngggaag gangnnngn ngaggnaag      900
nnaggnngng gngagngcgg nagngggcgg acagncgggg nggnngagn nganagnag      960
ngngggngng angagngcgg ngantgncg anggcgcngn cgggggagag nagannngng      1020
ggngagngng ngcngnnan ggnggacgg aggagnggn nnaggnggg aggnngancg      1080
```

angngggnan	acggcgnggn	gnngganggn	gacnngagng	gagggngag	gagagnggan	1140
ggggggngn	gcnnngnagg	ggnaggngcg	agnagncnac	angangggga	gngcg	1195

<210> 3133
 <211> 791
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(791)
 <223> n = A,T,C or G

<400> 3133						
tgccctctttn	tgcccttttgt	aannnccnct	ttttgcagga	tcccatcgat	tcggattagt	60
angatttnca	ngaaaaataa	ccaccgggtg	gggantaang	ngcccaaant	cnngtcctaa	120
atgcncagct	ttatgtncct	tgtccaccat	ctngngcctc	ttctccattn	gcctcttcct	180
tcctattttcc	cttccgcata	ggaaaaaaat	nggggtcnca	ttngtaaaag	taattttaat	240
agttaatcat	ctctgagagt	aacctgtatt	ttaatngttg	aancttaacc	aaantaagat	300
nctgtctnag	ctagggcttg	tcatttgtgt	atttagtggt	aagataggaa	tgctagtgtc	360
tctttaatta	attggaaata	gatggaggct	aaaaatgaag	gtttttcttt	gaaactgaat	420
taacttgagg	atatttgttg	ttaaaacttc	tttttgccca	aaataactca	ttttgnatta	480
tctgaaaata	tataatttct	ggcatgtgta	tgtaaaaata	gaaaattttg	aggaaaaatg	540
gaaatagggt	ggaaaagtac	tcggtaaaaca	gtagtaacca	aatattttca	ctccagattt	600
gngttttctc	ttggcaccag	agtagatctt	ttgggaaaat	atattatgaa	aagtnggatt	660
aaagtgttga	ctacccttat	ggttagcccc	catctgggat	gagaacnggt	taccaaagga	720
gtttngggcc	tcttaaggtg	gatttggtn	cccagtgggg	tcaacttttt	gcnaaaattn	780
ccgnaatggg	g					791

<210> 3134
 <211> 781
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(781)
 <223> n = A,T,C or G

<400> 3134						
ncctttcaaa	cgcttgcctt	tgctctttnt	gcaggatccc	tcgattcgaa	ttcggcacga	60
ggtgaacacc	cgctgatcct	ttaacaagga	tttctggcag	gaaactcaca	aaanggagaa	120
ctgaaaattt	agacatacag	ttggccattg	taaaaaacat	cagtttcctc	tcatacattc	180
caagttaaacc	aagtaaaata	agtgttggag	taacacttgc	ataaaaagaat	ttaaggagtg	240
atagctcttt	ctgttctgcc	attcccaaca	ttcctggggg	aaaggagact	caatgagtta	300
atactatttc	actgagccca	agatggaaac	ttggtttgac	ctaaaacatc	tgattaatat	360
aggctagctg	atttcttaaa	aattcgttgc	attgaaggat	attttgcatg	tctgtaacac	420
nmngncantn	tggttggant	ggattcnna	tntnntnca	nttnnntn	nntaattggn	480
caaatnantt	tngcnntaaa	tantncngnn	tcctnnngnc	aaaatcnnga	atcctnaggg	540
atggtccaac	cccttttatg	gntggcctga	aaangngaag	aatggggaat	tcctnttaaa	600
ccnttccatt	caaaaaaaaa	aaaaaaaaaa	cctnggccct	tttnnaactt	ttnggggngc	660
ccgttttccc	ttanaancgg	accttgata	ggaaccattg	gatgaatttn	ggccaaancc	720
ccaacttgga	atggcnntgg	aaaaaaaaag	cctttaantt	ggggnaaatt	tggggaaggc	780
n						781

<210> 3135
 <211> 760
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(760)
 <223> n = A,T,C or G

```
<400> 3135
tcnctcctna aatcggtggc gctctcttgc aggatccctc gattcgaatt cggcacgagc      60
tctcaaatag aaatgggaga taagaaatat atctgtgcaa tattaattg aaaaaaaaaa      120
cccataaaaa gtgtcaaagg caaataatct gctctagatc acaaaaactag ttagcacaaag      180
gctaggatta taaccagggt ctaggaaaaa atcctgaagg tgatttaact gagtgtagg      240
ccctgtcaag ccacctgcta aggcctcatgg tctttcagac tagcttcaac attccaaatc      300
aggcaatagc tacaacggaa agataattgg acgggggaatc ctgagatcag agtcctagtt      360
tggccttgtc tctttagtga ggatttttta aatcaggggc agctctcttc tcccatccca      420
gccatgaatc tttcaacctt agtggtcacc aacttgactc cattccttat atcaagcctt      480
gtcctgtcaa ttctccctta aatgttagtt gcatccattt ctaaataatat ccatggccat      540
cacctagta aaaagactat tacctcacac cccgcacttg atcttccccc aactttaagt      600
gactcagttc cttatatcac tgccacaaga attaacaccc atgtccatct tttcattttc      660
tgctgaaaga ttttcagtgg ttcccacttg aatnccaaat aaagttcgaa tcccttanaa      720
tggcattcac agccttntac ttctggnccc acttttatnt      760
```

<210> 3136
 <211> 813
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(813)
 <223> n = A,T,C or G

```
<400> 3136
gcctccttct ttcaaaacnc ttggctactn gttctttttg caggatccca tcgattcgaa      60
ttcggcacga ggccacacgg gccgcacatc ncctgcaatc tggttccgct acgacctcag      120
ccccatcacg gtcaagtaca cagagagacg gnagcccgnt gtacagattc atcaccacga      180
tctgtgccat cattggcggg accttnaccg ncgcggcat nctggactca tgcattctca      240
cagcctntga ggccctggaag aagatccagc tgggcaagat gcattgacgc cacaccacgc      300
ctaatggccg angaccctgg gcatcgccag ccttgccctc agtgccctgt ntncctttggc      360
cctcaatctg gncccaaadc tggctgtgtc ccaaaggggt tgtgggaagt ggggggaaag      420
tanaggatgg ctcatgttt tgcagctacc tcttttnccc gtgttncttt ttagacaaat      480
tacactgcct gaagtgtcan ttcccctttn cctggggagc ccnaagaaca gagtcnnggc      540
anggggtggg gagtcagggt atcttggggg acccctccta aggagaagct tgcagtctct      600
tccntaaggg gaacatccca gaatgcatta tcgantcagc ttnttaagcc caggctttan      660
acaaattctt nnnagnnccc caattagggt nggacacccat ttaaataaat ttggggttac      720
ttccccttgg ggcaagncca anccttgccc ccanaaggct acncanaaac cttgggggct      780
tttaagcctt ttgggggaccc aggnnttggcn nnt      813
```

<210> 3137
 <211> 744
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(744)
 <223> n = A,T,C or G

```
<400> 3137
gntcaatacc tgctactgnt ctttntgcgg attccatcgt tcgtttcttca tgtttatatt      60
tcagagttct taatagtgat acttaaatat actatttttt ccctgtactt tcgaagattt      120
ggatatgagt tttcagattt aaatgtggga actcatttga gtataatccg tgaacagcat      180
ttgttcaaca catttttggg gagggccctgc tatatacaag tcattttcca agtcctactg      240
aggtattggg gttatccaga ttgtattatg gagaagctag tgggtctttaa gaaataaaga      300
```

aataaggcta	aaactcttta	acagggtaga	aaggggcagt	tcatagggga	gggaaatagt	360
atagaacatt	catcctagga	atacaagtga	aatcactcaa	attaccatgt	agtcaatata	420
cagattgntc	agtgctcct	atgtgccag	cagtgtgcta	ggcccaggga	tacaatgaag	480
aagaaccctg	ccctcaaaaa	atgcagccta	aaagttttct	tatggaaact	ggaaatcaag	540
tttgggtctg	gcattagagg	cttttcttaa	tgtattcacc	tgggtgtgtc	aggtantttc	600
tgaagatata	gaaatgtttg	atgaaatgaa	tgaagatacn	gaatggtang	attccagtat	660
caagctctat	ctcataacag	ttacatttcc	tactaccttg	caaaccctnt	ccntactatt	720
atttaatacc	cttttttcac	cccn				744

<210> 3138
 <211> 781
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(781)
 <223> n = A,T,C or G

<400> 3138						
aancccttt	tnnangcgt	tccntncanc	tnaaancgnt	tgnaactcnc	nctntctgca	60
ggatcccatc	gattcgctaa	caagcgattc	taaaccacct	atgagtattt	cttttagggc	120
tcacttaaat	acatgtttgt	atatactgta	ttctagccag	aataatttta	gatctgatca	180
ggtagtagct	aaaattagaa	aaaaacaaaa	tagatgctta	agaatttgc	atccattttt	240
gagtctaaat	cttttaaaat	atactgagat	ccacatctag	tgaaatgtca	gtgtcaaaat	300
attatagatt	atagctaaaa	tccagattaa	tactcatttg	gggtttttta	tagtggaact	360
tcatagtaat	acaaaaagca	gattgtcttc	ctgtctccgc	tgtctccaca	gtaggtattg	420
aaactggtaa	aatcagtttt	ttgatantgt	gtgtatataa	gaaaaaatag	atacacacat	480
tcttttttct	cagtcaacac	attgattgaa	cactctggca	aagatgctgt	ggtggatgan	540
gttggagttc	gaaagaagaa	gcaagcgctn	gcctgccttg	aaagaaccga	agtctttccc	600
attcacttct	ctagaaagct	gccaaagacag	aagcagaaag	aaatgggatg	atagttctgt	660
caaagcacac	ttctggntct	ttagaacctt	agaagtgnnt	ctaagagAAC	agaagttatt	720
aagaagaaac	nagntacgtg	tgggaattca	acaaccttng	ggtnggaacc	cattggcttn	780
t						781

<210> 3139
 <211> 881
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(881)
 <223> n = A,T,C or G

<400> 3139						
ttcattccct	ggctntgntc	tttttgacag	nacccatcga	ttcgaattcg	gcacgaggtt	60
aaactgtcag	tattggatct	tagaagtaaa	tgattattag	gactgtaata	gtaattatta	120
ggactgtaaa	aggtaaagga	ttattatctg	cattagaatt	tcntanatct	aaaggatttn	180
ganactngag	acntttannn	ccaggnttct	tttctnaaa	tcnnaaatc	caaattcatt	240
ngaantnggg	aaagtgatgg	gggnacaant	ngcntncnat	ccagggnntc	taaaantngnn	300
ncanntggcn	cncnnncgnt	aaanntactn	tantntnccn	tgagcccngn	taaaaaactg	360
ngttaccctt	tgacgactag	tgnggattat	cnatttttnc	ccttnancgg	gccctnattt	420
cttctaacc	cccacnntgc	cttnntngat	ttaaanaacc	ttttggngc	aattccctnc	480
ctntccta	ttangcccc	cngangagtt	ttatcncn	gnngnaataa	attnccccc	540
aggggaattg	aatccaancc	ccccaaanaa	attnngnnc	ccccctttt	aatnggnctg	600
nnttggtg	ggnaaaanag	gnttttnttt	atccaaagcc	nggggttttn	caataaanna	660
gntnncngg	ncccaataat	atttttaaa	ngcnaccctt	ttttnnnana	aanctttttc	720
ccccctttt	tttcnagggg	ggggggnat	tccanngggn	nnaanccctn	actgnnaggg	780
ggccaatntt	aaatgccncc	ccctttggcc	cttcaccccc	aacccctttt	ttntntttnt	840
tttttnnacc	naanncaaat	tccgnttttt	gggttncccc	c		881

<210> 3140
 <211> 725
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(725)
 <223> n = A,T,C or G

```
<400> 3140
nttcnatacc ttntctactn gntctttttt caggatccca tcgattcggg ctccagagggg      60
ttatgattcg gagggttctg ccgcacggca tgggccgggg cctcttgacc cggagccagg      120
cacgcgcaga ggagcttttc tctgggtaaa gttgaggacg acagagggta ttgtggttct      180
gggttgcccc caacctccga ctgtgtgtcc ttcaggaccc gaaaccatgg cccacactgg      240
caggacagtg ggtcggcttg gggaaagggg ttagcttacc taccagagct ttagggggct      300
gtgcagggtg atggctccca aggcggccct ttccagggtg cagggtctcac atcattctcc      360
atttaagctt acagtccagc tgattgataa tcgggtggcag agatgtgcat taagtcctgc      420
ccgtgttcag gatgctgtac ttagtgctgt tgcggtaaa gagtgaagag aagacgggat      480
tcagtgaatg ttctggaaaa tggctagagt gtacctagag agggaaaatt tcaatagaca      540
gtaggccagt tcaagactgg atagaagccg ggcgcggggc ctgtaatcct agcacttttg      600
gangtcaagc cgggtggatc cctgagctca aganttcgag agcacctgac caacatggtn      660
aaacaccgct tttctaaaaa tncaaaatta gctaggtgtg gtgggtgggct cctgtaatcc      720
aggac                                          725
```

<210> 3141
 <211> 745
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(745)
 <223> n = A,T,C or G

```
<400> 3141
ctaatagctn ngccnactcg ctctttctgc aggattcctc gattcgagaa catgaaggta      60
gcacagaaaa agagatgctg tcttgccagg aatgttttat ttcaggaaag atatttgcaa      120
aggtggcaat gcagtgggtg atggttggtg caaggcccaa acagcacgga gctcgctgca      180
gaggagtaca ccctcatgag catagacacc atcatcaatg ggaaggaagg tgtgtttcct      240
ggactgatcc caattctgaa ctcttacctt gaaaacatgg aagtggatgt ggacaccaga      300
ttagtatttc tgaactacct aaagctaatt aagaagagag catctggaga actaatgaca      360
gttgccagat ggatgagggg gtttatcgca aaccatcctg actacaagca agacagtgtc      420
ataactgatg aaatgaatta tagccttatt ttgaagtgtg accaaattgc aaatgaatta      480
tgtgaatgcc cagagttact tggatcagca tttaggaaa taaaatatag tgggaaagta      540
aaactgactc atccaactag acattctaca gaaagaaaa atgcattatt gacgaactgg      600
ctacagtacc atgcctnttc anccagcccg gtgtgtataa tatgaaagac canatgatag      660
aactgtactg tttctggggc cagtgacca gaaattggat taangctttc tttggtangg      720
taaatctaga agtttataca ntggn                                          745
```

<210> 3142
 <211> 926
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(926)
 <223> n = A,T,C or G

```

<400> 3142
ttaaagccct ttctactnct cttttgcagg attccatcgn ttcgaattcg gcacgaggat      60
ctctatacta gtgaacagtg ccagttccac acttttgact tagaactggt ctctagttat      120
tgtaacacag aatactgtca atccctaatt tacttaatgt tacttattgg aagtggggct      180
gatgaaatac gcacaggagg gaaatctact gtgttttagc acaggcagnc ccagtgtata      240
aggagatcat attccaaang gttgtcagtt ggntgtttgc aacctggaat gtattttcct      300
ttagagacca ngttatccat ggtggtagg cccctagagc agctggaaaa agatgatcaa      360
accaataggt tngctgacat cnaataatgt aataagtttg ctaaaggaat ctaccatcaa      420
atntnatatt gnttccaggg aaggttgttn nttaanntnc cntcttngtg ncatantgga      480
cnntcccntn ccagtcant ntntnannnc tngggcnngt ntngnnttng tntntttngn      540
cnntcnanca atatttcata tcncacctng ctaaaattct ttnanannaa nttctcantt      600
tctcccttta ctanaanttt ngntttntnt cctttanta tttnnnccta tntntntcgt      660
tcnnanantn cattnnntnn ttntnngctn nttnatcacc cttanctcnn tctcanntat      720
cntnntcnta ttatctctnt attnntcnet tntnatnate ntccnnntt gtntanncna      780
ttatntcttg ttntntnct cncatctctn tcntnttctc ngctnnnnnn actccnnnnn      840
tcncnctent nnnnanatnc atatnctnct ttngntatat annnnnntnt ntacntanct      900
cnmatnnca tnnnatatn ntngt      926

```

```

<210> 3143
<211> 805
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(805)
<223> n = A,T,C or G

```

```

<400> 3143
tnaagncctt tctnttgctc tntttgcagg attccatcgn ttcgcagagc tgtatcttca      60
gtggtgtgat gaagctacag taggggagat cactcatgct aggtatggat ctccctaccc      120
ttggcctctg aatcatatth tggcctatca aaaacagtgga gaagtcaaac gtaagatgaa      180
agctattgga tggggaaaga agactctgga ccaggtctta gaggatgtag accagtgtctg      240
tcaagctctc tctcaaagac tgggaacaca accgtatttc ttcaataagc agcctactga      300
acttgacgca ctggtatttg gccatctata caccattctt accacacaaat tgacaaatga      360
tgaactttct gagaagggtga aaaactatag caacctcctt gctttctgta ggagaattga      420
acagcactat tttgaagatc gtggtaaagg caggctgtca tagagttatg tgtagtctc      480
aggagtctta acttttgaag tatgttttac ttgaatgta catttagata tttggtgtca      540
gaattttaaa acccaaattt actggctttt tggaaacctt cnaaattata ttaatgggat      600
cttnatgnat tgtgccttta taattggcna ttttggggnn tttncntttt naaanaaaaa      660
ttcctngaaa tttattttta antccnggaa taatgntnng gnaattcctg nnattccttg      720
gnaaantttt tntggngttc cctttgggaa accantggcc ttngcctttt tannaaant      780
aaaagncntt taaancaaac ctggg      805

```

```

<210> 3144
<211> 851
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(851)
<223> n = A,T,C or G

```

```

<400> 3144
gtntcttngtg nctntcngna actccctctn tctgcaggat ccctcgattc ggagaggagc      60
aggtgcagtg attcataccc actctatngc ttttgtgatg gccacccttc tctttccagg      120
acgggagttt aaaattacac atcaagagat gataaaagga ataaagaaat gtacttccgg      180
aggtatttat agatatgatg atatgttagt ggtacccatt attgagaatn cacctgagga      240
gaaagacctc aaagatagaa tggctcatgc aatgaatgaa taccagact cctgtgcagt      300
actggtcaga cgtcatggag tatatgtgtg gggggaaaca tgggagaagg ccaaaacat      360

```

gtgtgagtgt	tatgactatt	natttgatat	tgccgtatca	atgaagaaag	taggacttga	420
tccttcacag	ctcccagttg	gagaaaatgg	aattgtctaa	gccaaaagaa	agtctaatta	480
tatacagaga	taaagctaaa	cgtaattatt	atttaaata	aagctatttt	tttaaataaa	540
attggaatt	ttttcatgga	tgccctnctaa	atttggnac	ttaaatacct	gcaaaaatgg	600
gcncctctgg	aaacctcttc	tgaccatttg	gaatggtaat	tnggccttaa	taattccttn	660
aataaatttt	ttaaaaatga	angggccccc	agnnggaaaa	attggnaaaa	aatttttnaa	720
tancntccna	anggtnnnct	gggntaaat	tttttttaaa	aatcccttt	aaaccagccc	780
aaaaattatt	tttggncct	ttaaatttcc	cttnnmtna	aaantantac	cntcttcagg	840
aagnaaattc	c					851

<210> 3145

<211> 758

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(758)

<223> n = A,T,C or G

<400> 3145

gctcnatgct	tngcnatcgc	ncctttgcgg	attcatcct	tcgggaactt	ttgaagagaa	60
aaattcgagc	tagagggatt	cttaaagcct	taagttactt	gaaatctatg	tatttgcaac	120
cctttgtctc	tggaatcata	ttacactaaa	ctggaatctc	aggctgaatg	agaataaccc	180
agtggagtaa	aaagaagaaa	accgtttctt	gatcaccact	taattaacga	tgctctttct	240
ccaaaggatc	agcacgttct	tctctgaga	acttgaaaat	acaaatggac	cccatgtttt	300
tttaagcatt	accttttctt	agaagactgc	catcatcttt	tatagaggaa	ttttttcact	360
atgcanttcn	gtggatcttt	ataaaatact	gaccttctaa	ttagattcag	gtcagtctta	420
attaaagggg	gaaaaaaagc	aacgcaagcn	caaccacagn	aacnccatat	tcccaaata	480
aaggaaattt	ggttttaaat	ttcacagcat	taaacattac	tttttaaagt	aaaacnagtt	540
catttgaaga	aagtatgtat	tgancnanc	ggaacatggg	cctggngctt	ttgcagtggc	600
cttcaacctn	ctgtgectgt	ctggaanggg	cgtgttccca	agagtggan	ggagaagcct	660
ggtgtncang	aaacgctcct	attaangaaa	gnttnncttg	gccaccgggc	caacggggcn	720
aagaatgggt	tgggggtgnt	ttnacctctt	atcantgc			758

<210> 3146

<211> 880

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(880)

<223> n = A,T,C or G

<400> 3146

cgctttttca	natcggtggc	tactcgttct	ttntgcagga	tcccatcgat	tcgttgagaa	60
cctgcctcta	tcccagaatg	tgctggagat	ttgacactca	natcantgtn	tngncttctg	120
cttggcncca	tanccttaacc	tgagtgnt	tcaaaatgcc	caatgccttg	tttcctatta	180
ccttanatng	cnmccagtc	tagggaagtc	tatgagaaag	tngcatttaa	ttaaagttaa	240
aaaaaaaaaa	ggttgggcnt	tgnggctcat	gcctgtaatc	ccagcacttt	gggaggctga	300
cgcgggtgga	tcactaggtc	angagttcaa	gaccagnctg	nccaacatgg	tgaaaccctg	360
tctgaactnn	naatacnaaa	attagctgag	catggtggcg	tgtgcctgta	tctnagctac	420
tcacganctg	nggcaggana	atcgcttgaa	cccannaggc	ngaggctgca	gtgagctgag	480
attgtgccac	tgactccaa	cctgggagga	caganctaga	ctcagtctca	aaaccanana	540
aaaangcctt	tttttctggt	ttnaaatggt	ttnggaanac	tttttttttn	tttgggtccc	600
ntancctttt	ccctngaaac	ccctttttct	tggaancccc	tnaancccaa	aaatttttat	660
tageccnttt	tttnannaag	gggggtttta	tncttaaagg	ggccntttan	ccttcaatnc	720
naaaaaaaaa	aaattgcccg	gcnaggncn	ttttaccgga	gttgcaaatt	taatttttna	780
taaccaact	ntgggccttt	aaaatttaan	annnaagntt	cttgggtnac	cnnantntn	840
tnggggcctt	tttttgnaaa	accctttata	ngggggggng			880

<210> 3147
 <211> 723
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(723)
 <223> n = A,T,C or G

```
<400> 3147
caatgcctgc tngtcgtcgt tgcggntcat cgttcggttt tttgggtgaac actgatttta      60
ttgggtgtctt agatccctag tctacccaaa taattttaac agtactgttt tttctaatecc      120
tgaagtctga tattttatgac tcattagcag gaatcaaac tagtgatcag tagaacactt      180
tcaaaaataaa aatttgggaat gcagactttt atgaaaattt aaaagtgtct cttaacagaa      240
tatcatgggt tttcctataa aacttcttta agtattgtaa ttccagtctg cccaactta      300
aaaaaaaaatt cttattaata tgtcagtcac taattgctag tttgggtctt cattattttcc      360
tgtttttttaa caattttgtg ataattttat tattggcaaa ttaatacatc aacacttaaa      420
tcattgacta taataatacc ttctggctac ctctgtatca accaaattct gtaggtgcaa      480
acatatacca gggaattctt actggcaaaa tgatcaatct ggagtgtgca tccactgtga      540
atggagcaaa ttgccctata ccatttgata acctagcttt cttagtttgt agatgtagga      600
aacaaaatag tgacagagag agaagggggg ccacagggca tggatatatt atcagcagtg      660
gaaaaaaagt gcatagatca tttagtccaa gaacttaaaa ctaaattgag ccataattta      720
ctt                                                                723
```

<210> 3148
 <211> 735
 <212> DNA
 <213> Homo sapiens.

<220>
 <221> misc_feature
 <222> (1)...(735)
 <223> n = A,T,C or G

```
<400> 3148
gcttcaatan ctttttctaa ngctcttttt gcaggattcc atcgattcga attcggcacg      60
agagtaccca nanttgcna gagtntnntn actgatntag ccagggtggca atnatgagtg      120
aatggatnaa naaaggcccc ttagaatggc aagatnncat ttacnnagag gtccnagtgn      180
cancagtgga cangaatgag tttnaaggga tgggttttaa ctacagaccc agnctctgcc      240
aatatngacc ttgtgaactt ccttgaagat ggcanatgt ctgagaccgg aattatggga      300
catgctgtgc agactgtga aactntgaat gaaggggacc atagagttag ggataagctg      360
atgcattttg ttcacgtctg gagactgcaa agcatacagc ccacaggatc tggagagag      420
aaagaacagc ctanagnaaa tggctngaga ngaaccacat tcccatcact gaacagggan      480
acgcttcaag gactctctgt gtggctgggg ncctgactat ngaccacca tatggtcana      540
naaatnncac cagctctnat gagantattn tgtcgcgtgt tcaggatctt antgaaggac      600
atcttacant ttnccaanna naagnatga aatgtgacat tctgcttgaa naagacnata      660
ttttatcctc atnaatgttt aaatgtaaaa nnnnananaa aanactcgag ctntnaaatn      720
tngtgagttt anang                                                                735
```

<210> 3149
 <211> 798
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(798)
 <223> n = A,T,C or G

```

<400> 3149
gcttctaagt cttttcgant ngcnntcntt gcaggatttc caaatncttg gntgcaccc 60
ctgatggcnc tgtaaagatc tggaatatga agaccacaga atgttcaaat acctttaa 120
ccctgngcan caccgcangg acagatatta ccgtcaacag tgtgattcta ctccctaaaa 180
accctgnnca ctngtggtg tgcaacagat caaacacggn ggtcatcatg aacatgcagg 240
ggccanattg tcagaancct canttctggt annagagang gtngggactt tgnntgctgt 300
gccctctctt cccgtggtga atggatctac tnggtanggg aggactttgn gctctactgt 360
ntcngttcan cnactggcaa actgganaga actttgacag tgcaacgaga nggatgtgaa 420
tggtattgca catcancctc atcannaacc tgattgctac ctacagtnan nnatggactt 480
ctaannctct ggannccatn antcaacttt tcttgataa atnagctcna aagcntntac 540
tttaaataaa gccatnntca tggtaatgtg ctttnatntg tttttgccn ncntgttcta 600
aancaaatc nattgtcna aattnannnc cncaaataaa tttttgtgg aaananttna 660
tgnttttnaa anttagcnaa nctnncccn tntctctttg tgtgaanatt aagcttttaa 720
agggagttt nggnntant ccatncttc naaactgggn tgnccggtca acnttaaang 780
ntcaaacaat taaanncn 798

```

```

<210> 3150
<211> 732
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(732)
<223> n = A,T,C or G

```

```

<400> 3150
gnntctatnc tnggctcttg ncttcttgca ggatttctaa tgcttggatt cggcacgaga 60
tcaccctggc acgttcccct cagctgggct ctgcagggca gctaagattg ggcactgatg 120
ttcctggctt cagtcctacc cgggttatgc agctacggct tcatacatc accagttgca 180
ctaacttggg atgaaaatta agttaaacc agtagaaaat ttcacccat gttttggtgg 240
taaaagaagc aaatgaacaa atgaatagag gctgccaac agttgtctca ccaactgttc 300
cgactagcta acaagattag ctaggtcata cctagtcgta aaagaatact ataagaactc 360
agaaattcga catatttcta ctacttgctt gtcattgtag taaacagatt aaaagaacca 420
taaaaaaaca aagagaaaat aatagttaga ttagagagca tgttatcatc tcatgggctc 480
acttggcctt agaaagaggt gtttatccat catgaatatg aatccagggg tctgaatgga 540
tataagagaa ccaaatgtaa cagaaattta atatcatttt ttcctctgag atgaaacatt 600
ttacattttc cagtttatta gataaaatta ctaaactgtt tctagaccct ggagttgtag 660
attttatgat gttggctgct gtggantggc catgactggg ttttcaaag ntaatttgat 720
ttctttttta tc 732

```

```

<210> 3151
<211> 910
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(910)
<223> n = A,T,C or G

```

```

<400> 3151
gtnnncttca ttcaatccct ttgcanntgc tctttttgca ggatccctcg attcgaattc 60
ggcacgagct tgacttccaa ctgcccctga gatttgnnct ccagtataag gggcaagcgg 120
gtgccctgga ncgtccantc ctnattcanc nancanggct tggntttnt gnaaaaactt 180
gttggagtc ctgncanaaa agctgcggcg gaaatgggca ctgtggcttt ccccgtttca 240
ggntgggtgn gattcctgtg gggagtggc aagaggaata cgccaaaaag ggacagcnga 300
nctgcnggc tgcaanactg gtcagtggc tggatgcana ctttttgact gaccctttag 360
accngagaaa tctaccggg ccccannttt gncccantaa caaanttttc angttttgnt 420
gggttnggcc cataaaanaa gcaactggtt ngaanaaaca anttgaaacn ttttcgggaa 480
aaaaangcta ntttgnggca ccttttgccg caatttgggg anattttccc tngnnaaana 540

```

ngttttnncc	ccnttggttc	gacaattttt	cccnaaata	ntctnnccggg	gtctnnnaaa	600
antntccngn	gngnanaaat	ttttttttng	gnnctcntnt	nanannnttt	ntnttgngga	660
tcnaaaanaa	nttgtnnatt	tgacaaatna	ngcncnaant	ataanntggn	aaanccccnc	720
aaacctgttg	aaaacaantg	tnnccccccn	aaattttttna	naaaanactgn	ttggagaccn	780
aaattnnnta	tnttcntnan	naaaaaaaan	ttttgttngn	gnccccnctc	aatntgnggg	840
tggnaaacttt	tcatncnnan	ttnttttggn	taggtaaatt	ntnatcttct	ncttnaanaa	900
aaaaattcnc						910

<210> 3152
 <211> 755
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(755)
 <223> n = A,T,C or G

<400> 3152						
gnttnnncc	tttcantnct	tggtctctcg	ctttntgcag	gatccctcga	ttcgaattcg	60
gcacgaggtc	tagtataatc	ttgatgctca	aaccagataa	ggacaatata	agaaaggaag	120
agtataggct	aattctaccc	aataactaaa	tgaagtatta	gcaaaccaga	ttcatcaata	180
atctttttaa	aatcaagaat	taattggatt	taggaatata	acactgtgta	taacaagttt	240
aagagaaata	tatgagaatg	ataagactgc	aattgaaagt	agaggctttc	tctggagggg	300
aaggtgagga	ggatgtgatt	tggaagaaca	gcatggggag	gcatcagttg	tattgtaatg	360
tttatttttt	aagctgaatg	ataggtagct	agatgttcat	tgtgttcttt	ttgccttttt	420
gtatatctta	aatatatggt	agtgccatga	ttagcaggct	taatagcctt	gtgagtttaa	480
atgtcacttt	caaatgctgt	atttttggtg	gagttgctta	aacacattcc	ccttggnatc	540
tatacaacca	gttaaaaaaa	atcatgtata	naccacccat	tgaaaatata	atggaaatgt	600
actgnatatg	ccattttcat	gaaatggttg	tgtcaaaggg	gcttnttagg	aaaaaaaaag	660
atcgtttaac	tctttttgca	tttaagtggg	aaataaggtg	ggctttngga	aatagtttca	720
acccttgctt	aaccagtttt	ttttttcatg	cttnn			755

<210> 3153
 <211> 805
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(805)
 <223> n = A,T,C or G

<400> 3153						
tnaagncctt	tctnttgctc	tnnttgagg	attccatcgn	ttcgcagagc	tgtatcttca	60
gtggtgtgat	gaagctacag	taggggagat	cactcatgct	aggtaggat	ctccttacc	120
ttggcctctg	aatcatattt	tgccctatca	aaaacagtgg	gaagtcaaac	gtaagatgaa	180
agctattgga	tggggaaaga	agactctgga	ccaggctcta	gaggatgtag	accagtgtctg	240
tcaagctctc	tctcaaagac	tgggaaacaca	accgtatttc	ttcaataaagc	agcctactga	300
acttgacgca	ctggtatttg	gccatctata	caccattctt	accacacaat	tgacaaatga	360
tgaactttct	gagaagggtga	aaaactatag	caacctcctt	gctttctgta	ggagaattga	420
acagcactat	tttgaagatc	gtggtaaagg	caggctgtca	tagagttatg	tgttagtctc	480
aggagtctta	acttttgaaa	tatgttttac	ttgaatgtta	catttagata	tttgggtcca	540
gaatttttaa	acccaaattt	actggctttt	tggaaccctt	cnaaattata	ttaatggtat	600
cttnatgnat	tgtgccttta	taattggcna	ttttggggnn	tttncntttt	naaanaaaaa	660
ttcctngaaa	tttattttta	antccnggaa	taatgntnng	gnaattcctg	nnattccttg	720
gnnaantttt	tntgnggttc	cctttgggaa	accantggcc	ttngcctttt	tannaaantt	780
aaaagncntt	taaancaaac	ctggg				805

<210> 3154
 <211> 766

<212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(766)
 <223> n = A,T,C or G

```
<400> 3154
tnnnnnnnntt tcaatntttt ancgtccctt aggatccntc gattcgatcc agatgggata      60
cctctaataca cgaaaagaaa gaagattcca ttantgaatt ttttaagtttg gtttnatcaa      120
aagccgagcc acctangcaa cagtcacccc ccttagtaaa caaagaggaa nagcatgcac      180
cagaatcatc cgcaaatinag acagtcaaca aagatgtgga cgcacaggct gaangagaag      240
gganccgcca tccatggact tattcatggc catctttgcc agttcctcat atgaaaagtc      300
ctnatectgc gangatganc acggtgacag tnaanatgat caggcacgct ctggngagga      360
caacttccaa agctggnaag aactgactt ggnggaaaca tcatctgttg ctcacgctnt      420
tgtgccagng ccctaggagc cgtcaccttc ctcccgata caaangatgc agatagatna      480
naganaagag ntcggccnng ngctgectcc cgtcttatgt nccaatgctc gtcagacact      540
tgaagttnct canaaagaga aacattccaa gaacaaagac nagcacaang gcaatanaga      600
acacagccn gaaagaattg anangaaatt ggaaacactn gaagcacnaa acacctaanag      660
naatccaaaa naattggcaa accaggggaa aagtaggtnc ctncgngaag tttcgacagc      720
cngcggacaa gccanaattg acnatgaaac cgcatacgtg tcttnc                        766
```

<210> 3155
 <211> 778
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(778)
 <223> n = A,T,C or G

```
<400> 3155
ttngaaaacn ccttngcttn gttncacctt cngaaaccct tttgaaaacc ntttgcnamn      60
tcctctttnt gnaggatccc atcgattcgt gaaagaggag atcggtgacc tgggctcctt      120
atgtgcctga atgagtttga gtttccctgt aactccaaat caacagtatt ttcaacaaga      180
aatgtgcaat tgaaatcaag tgctgtttta gtgcagctag gantccacag gaagacactt      240
gcagtgaaca gagttatgga gcagcaaaaa cacagatcta tttggaaaaa gagaaaacat      300
atgcgttgta ttttgcttca attataaaat accatcctct caaagggtgt tctaaattac      360
aaaggacttt gatttctagg tagattctgg gtagagactt cctttcatat tgaggcatta      420
atgacacctt ttaacctggg aagcaatatg actggagttg tactttgaga agattaatca      480
ggtttggttg cagaatgaaa gagaagatga agtcaagaga ttggtttaga ggctctagca      540
gaagcttagt catatttcaa aatgatcaaa tatcaagaaa aattctgagc tgcataactt      600
gtataaagta attttcagtg atttttttca tggttatgat aaaagaactg gattagcaga      660
aacttttacc ctgaatcaag atttaatttt tctttgagct catcttaagg atatcggaac      720
atagggagca aacgatggtg tggctgcctc antgcttgaa ttttaacngt tttgaaan      778
```

<210> 3156
 <211> 745
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(745)
 <223> n = A,T,C or G

```
<400> 3156
nanatccnnc nantncttnt tgttcntgtc cgnangatcc catcgattcg aattcggcac      60
gaggtttcat ttaagaagaa tganctagat anatgtgctc ttctggttac cccaccctga      120
```

cagagtgc	cat	ttttacacgg	ctagcagggg	ttgagactgc	agcctggcct	gccagccatt	180
ggaggtgtt	t	aaggaagggc	agataatgtg	actctttg	gggtgccatc	tgcttacc	240
ttagcgagc	a	nagggggtt	ctgcgggtga	ccccagcat	atttctaggt	tacttatggg	300
cagatttgta	a	gtgacaaaa	ctccagctga	tgctgggaat	ggggagaggg	cccttgaggg	360
actttgtgg	t	ttgtgtctt	tggtttcctg	gccaaaccca	gggtcacttg	tctggaggcc	420
cagctgggca	c	taagtgtctg	ccaccgacta	tgttaaagt	tataaatgat	tcctctattt	480
gggagagatc	t	tccaatcca	gaggagcccn	tcttggaactg	cctgggttaa	atctgcatan	540
cagangtgg	t	gatgaagtt	catctgaaga	aattcagccc	cacctnccca	ccctgcctt	600
cctgtccct	t	ttgatagt	gcttctgggt	actcgggcn	gtnccttgga	caccancctt	660
ntctggggg	t	ctnaagccat	cccgttgggg	ctgtcggcca	agcctaagtt	aatcgtgtgc	720
ctntattggg	a	ggatngctn	ntcct				745

<210> 3157
 <211> 762
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(762)
 <223> n = A,T,C or G

<400> 3157							
ttnnnnnnct	ccnaatcctc	engatnanat	cnctttgnan	ctncctgcag	gatcccatcg		60
attcgaattc	ggcacgaggt	ccatacatgg	agctccctgg	agcccgtgtg	ntntcgtgtg		120
actgaacgtt	ttgtgatgaa	aggaggagag	gctgtctgcc	tttatgagga	gccagtgtct		180
gaattgctga	ggagatgtgg	gaattgcaca	cgggaaagct	gtgtgggttc	cttttacctt		240
tcagctgacc	atgaactcct	gagcccgacc	aactaccact	tcctgtcctc	accgaaggan		300
gccntngggc	tctgcaaggc	gcanatcact	gccatcatct	ntcagcaagg	ngacntatat		360
gtnnntgacc	tnagacctc	agctgacnct	nccttngtan	ggttngatnt	nggaagcatc		420
ccaagnggat	ttagnacnn	tggantcctn	atnactgata	anacncnaac	tatantnttt		480
tacccttgg	agcccaccag	caagaatgag	ttggagcaat	cttttcatgt	gacctnctta		540
acanatat	tctgaatgaa	tctacgttgt	atttatcagg	nggacaatgg	gaataaagcn		600
ttntaaagc	accnantgga	catgaaagca	acagacacna	ggagnnaagc	cttgagacat		660
gtctgnntc	tgaccgcatn	ttgatccant	gntctgtgan	ganttnttca	ctgaacattt		720
tcaagaggag	ggtgnatacc	cctggcaatn	gccnaanaa	ag			762

<210> 3158
 <211> 755
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(755)
 <223> n = A,T,C or G

<400> 3158							
tgntttcccn	ctnagatcct	ttctcacaac	cttgtantgc	tgcangatcc	catcgattcg		60
cgtctgtaat	cccagctgct	tgggaggctg	aggcaggaga	atcacttgaa	ccctggaggt		120
ggcggttgca	gtgagcacag	atcatgccac	tgactccag	cctgggcaac	aaaacgagac		180
ttcgtctcaa	aaaaaaaaaa	catagaattt	ggatcctttg	gtcgggttct	cccaaattct		240
tttgagggtg	ccatggtcaa	ctgcttcagc	tttgtnttgg	caacccctg	cccgaanncg		300
catntaggct	gctcttcacc	ttgtttccaa	ggctgangaa	cagaaagtag	cctntgtttt		360
gaggangtng	aagttnanta	tacatnnatt	ttntactgng	actngntcag	gaccacattt		420
tacaaaatgc	ctngtttcct	tcattgnntc	tggaaaggaa	agttctatta	atattgnttt		480
actntgaata	tanaatagtt	ttnanttaatt	agggttatt	tnnaaaaatt	ctgagcta		540
tcaa	atgtat	gccaatacct	tccaaagtaa	ggtaatat	anagacaagt	tgctgtnatc	600
anatggctta	nagaaaatct	ctggaatatt	cacattctaa	nattncttat	taatnga	atg	660
tcctttgact	taaatctacc	aaaaaactgc	aacattantc	tttgncatnc	tcattatata		720
ngttaaanaa	gcttatttca	nacnaataaa	atctn				755

<210> 3159
 <211> 753
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(753)
 <223> n = A,T,C or G

<400> 3159
 ttcccccnt tttntncctt tgtctcatcc ttnggccttt tgcaggatcc catcgattcg 60
 cgtctgtaat ccagctgct tgggaggctg aggcaggaga atcacttgaa ccctggagggt 120
 ggcggttgca gtgagcacag atcatgccac tgcactccag cctgggcaac aaaacgagac 180
 ttctgtctcaa aaaaaaaaaa catagaattt ggatcctttg gtcgggttct cccaaattct 240
 tttgagggtg ccattggtcaa ctgcttcagc tttgttttg caacccctg cccgaagtgc 300
 catataggct gttcttcacc ttgtttccaa ggctgaggaa cagaaagtag cctctgtttt 360
 gaggagggtg aagttaagta tacatttatt ttttactgtg acttggtcag gaccacattt 420
 taaaaaatgc cttgtttcct tcattgtttc tggaaaggaa agttctatta atattgtttt 480
 actttgaata tagaatagtt tttttaatta gggcttattt tgaaaaattc tgagttaaat 540
 tcaaatgtat gccaatacct tccaaagtaa ggtaatatc anagacagtt gttgtgatca 600
 gatggcttag agaaatttct ggaatattca cattcgaaga ttccttatta atgaatgctt 660
 tgacttaa ataccacaaa actgcaacat tattctttgt acattttcat tatatagtgg 720
 taacaagctt agttgcaa acatgaaata ctt 753

<210> 3160
 <211> 759
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(759)
 <223> n = A,T,C or G

<400> 3160
 ggnntnnan nctttcta at ncttggttn agttcttttg caggatccca tcgattcgaa 60
 ttcggcacga gagtaccag agttgcgagg agttttttaa ctgatttagc cnnntggcaa 120
 tcatgagtga atggatgaag aaaggccct tagaatggca agattacatt taaaaagagg 180
 tccgagtga agccagtga agaattgagt ataaaggatg ggttttaact acagaccag 240
 tctctgcaa tattgtcctt gtgaacttcc ttgaagatgg cagcatgtct gtgaccggaa 300
 ttatgggaca gctgtgcag actgttgaaa ctatgaatga aggggacct agagtgggg 360
 agaagctgat gcatttggtc acgtctggag actgcaaagc atacagcca gaggatctgg 420
 aagagagaaa gaacagccta aagaaatggc ttgagaagaa ccacatccc atnactgaac 480
 agggagacgc tccaaggact ctctgtgtgg ctggggtcct gactatagac ccaccatag 540
 gtccagaaaa ttgcagcagc tctaagaga atattctgtc ncgtgttcaa ggatcttatt 600
 ggaaggacat cttacagctt ccaatgagaa gccaaagat tgtgaacata ctgattgaaa 660
 aaagacttta ttttaataccc tcattaaaaan ggttttaaat gttaaaaaaa aaaaaaaaaa 720
 acttcgagct tttaaactat ngtgagtcga ttctataa 759

<210> 3161
 <211> 783
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(783)
 <223> n = A,T,C or G

```

<400> 3161
ttctcctgaa acgcttngca cttccctcnc tgcaggatcc catcgattcg aattcggcac      60
gagacactgt cccactccat caccaggtct ggagtccagt ggtgtgatca tagctcgctg      120
catcctccag ttctctgggt caagccatcc ctctgcctc agcctcccca gtagctggaa      180
ctacaggtgt gtgccatcac acctggcttt acatttttct gtgggggtctt actatgttgc      240
ccaggccggt ctcaaactcc tgagctcaag tgatcctctg nctcagcctc cagagtatct      300
gggattacat atgtcggcta ccgtgtctgg ccgttcacat ctttggccac tattngcttg      360
tgaaaaggta tnatgagggt gtacttatca tngttactgt gtctcatgtt nngtatattt      420
ttgcttcate aactaagatg cactgtaaca tctgtgaàat ctggatatat tatcaaangg      480
tttatcatag ttttgtaaac aatacactgt cgttttactn ggtgcctaan ataatggtat      540
agttngaggg tgatcttaga tttgatgaag cacagtatgc aangtaggcc taatggnggg      600
aaagaatggg naattttcan angcnnggaa gtatttgntn ttttgtaaata ggacttgaaa      660
agcttggtct gnnggattgg acccaacccc tttcccttn aaaccccgaa ttctnatnga      720
ctnttccaac ttngaaaact ttgctcnaac ttaaatacct ttnaaaaatt aaccntgacc      780
ccg                                                                                          783

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<210> 3162

<211> 772

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(772)

<223> n = A,T,C or G

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<400> 3162
ntntttgaat ctttgaaata cttttgctat ngttctttnt gcaggatccc atcgattcga      60
attcggcacg agaggttgct cacctgaagg agcacaggag ggttttccag gccatgtggc      120
tcagcttcct caagcacaag ctgcccctca gcctctacaa gaagggtgctg ctgattgtgc      180
atgacgccat cctgccgcag ctggcgagc ccacgctcat gatcgacttc ctcacccgcg      240
cctgcgacct cggggggggc ctcagcctct tggccttgaa cgggctgttc atcttgattc      300
acaaacacaa cctggagtac cctgacttct accggaagct ctacggcctc ttggaccctt      360
ctgtctttca cgtcaagtac cgcgccgct tcttccacct ggctgacctc ttctgtcct      420
cctcccactn cccgcctacc tgggtggcgc cttcgccaag cggctggccc gcctggccct      480
gacggctccc cctgaggccc tgctcatggt cctgccttct atctgtaacc tgctgcgcgg      540
gcacctgcc tggcgggtcc ttgtgcaccg tccacacggg cctgagtttg gacgccgacc      600
cctacgaccc tggagaggag gaccagccc aagaccggg cctttggaaa acttcctgt      660
gggaagcttt aagnnccttc nanangccac ttaccaacc ttgaggggnt ccaaangccc      720
gccanccggt nattaaccaa ggccctggnc aatgcctgaa ggtcaaacaa tn                          772

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<210> 3163

<211> 759

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(759)

<223> n = A,T,C or G

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<400> 3163
tcnnncnctt ttcgatcttt tgagncctgc ctttgaaccc cttggntacg anttcggcac      60
gagggaaacca tganancna gagctagaat tgctattgga tnnctctat tctctntttg      120
cttattgggn cgngntnctg ggttncctgc ctcannggtn nccccgaang anggggtatc      180
tnngagcnan ttntgcnnct tacnggctag cttgntgggg gcttaanntg ccactnttan      240
acatgctnta ctantcantg agannntnct ntcgaccatn tannacnatn ctgtgnnntc      300
cngtacnctn tggccgnatg gagctattag cttcaanatg nntcgnantg ttacatgcan      360
nactgannt nactatccan natntaagtn ctctnngctt actgtgaaca nngctactn      420
ncttgatat tatagnaagg ntcnttgata cncgatnctc ntncntgtca gatcnataaa      480
tancantat accnactgtn naaatnccat ctgngngnct tncnatccan acataattgc      540

```

attannnecgt	cnaattgnga	tanagtnttg	aaagantctn	ggtttagacn	ttggatgttg	600
caatgnttgt	gncttanaan	ttatgtgctg	gctactgant	aanctggggg	catgacntta	660
ctggnntgac	ctaagngng	aantcnatgg	tccgattgct	ggncctanc	cttaagnttt	720
gccatgaata	ggnccttttg	cctaaaataa	naccccttt			759

<210> 3164
 <211> 853
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(853)
 <223> n = A,T,C or G

<400> 3164						
ttttggancc	nttctttgan	ncttttcta	gctgggntac	tcgntctctc	tgaggntcc	60
catcgattcg	aattcggcnc	gaggatcagc	ccacctcggc	ctcncaaagt	gctgggatta	120
caggcgtgag	ccaccttgcc	cagcccat	catacagttt	gaaatgaaac	tttgccacaa	180
ccagcctttg	ctgtagcaca	cacatatatc	actgaacctg	tttgaaataa	agtttttttt	240
ctttntcctc	tggtattctg	ggttctgaag	tctgggtattc	tggtattctg	ggttcaaaaag	300
tatgacttga	gagtgttgct	ctgggtattct	gagagttgct	ctgtattctg	ggttctgaag	360
attattttgaa	aaataactcc	tactacattg	aaatgcagac	ttaaaaattt	aaacattgga	420
ttangcagtc	aaaaaaacca	agcaagcata	aaaggtcaat	aaagtgtaat	cttgatagta	480
aaagtggaac	acttattata	aatggnaang	aaagttttat	ttcctttttt	gtttgaatgg	540
gcaagtatgc	catattatac	ccaaaagtgc	ttttaaaaaa	atatttccca	ttcaacccat	600
ttttaattna	aaattaaaac	cattttgnaa	gggaaanttt	acccaanggc	aanccttttt	660
tttctcccaa	aaaggttnac	cntgttnatc	cttctttttt	ggnaaattta	nccaccaatt	720
tttttaaagg	ngggncaatg	gggnttaaaa	ntancctcgn	aagnnatttt	ttnanccttc	780
caggtttaaa	antccccttg	gatngggtct	taacctgggn	gggtngnata	naaaaaaata	840
natcctnttt	anc					853

<210> 3165
 <211> 767
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(767)
 <223> n = A,T,C or G

<400> 3165						
gcgttctttg	aaagccctnt	tttgaaaagg	ttgcttctaa	ttacgggaaa	cctttgcaac	60
tgcatatccc	atcgattcga	attcggcacg	aggaccagc	tagaccagct	caagagttca	120
tggttctttg	natcctcctg	tgagctctct	gtaagtcnnt	ttcttgccca	tcaccacatc	180
cctagtactg	ggtatcagtc	tgggcacttg	gctttctggg	ttgcccgaat	gtgggtctatt	240
cttgatgcag	ctaccaaagt	aatgttttaa	aaccattata	ccaagttact	atccttgtca	300
aaacccccag	taactgccaa	tctcacttag	aataaaatcc	ggactcctgt	gaagcacagc	360
ataaactggc	caactgcctat	gcagcaacct	catctttacc	gnttctctgc	ttgctcactc	420
ccttccagcg	ccgttattct	tcttgatgcc	cctagtacac	aacaactcct	tcctgctcca	480
agagtaggaa	aattactggg	ctctctgcca	gngagaancc	tcttctggna	ttacctttgc	540
ttcattgcng	aatcttctnc	aatatcatct	tctaaaaaga	gcctttttaa	aatcaccttt	600
nctatnatgc	cctactcatt	tccagtcctt	gaaanggcc	ttcccacttn	antannactt	660
attgctaecn	tgaaatacac	taaatggnan	ccttcatgaa	nggtanggca	anttaaagtc	720
nttngcactg	gngaggcnaa	gagaacaagc	ancntggntt	canaagn		767

<210> 3166
 <211> 767
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(767)
 <223> n = A,T,C or G

<400> 3166
 gcgttctttg aaagccctnt tttgaaaggc ttgcttctaa ttacgggaaa cctttgcaac 60
 tgcagatccc atcgattcga attcggcagc aggacccagg tagaccagct caagagttca 120
 tggttctttgt natcctcctg tgagctctct gtaagtcnnt ttcttgccca tcaccacatc 180
 cctagtactg ggtatcagtc tggccacttg gctttctggt ttgcccgaat gtggtctatt 240
 cttgatgcag ctaccaaagt aatgttttaa aaccattata ccaagttact atccttgtea 300
 aaacccccag taactgcca tctcacttag aataaaatcc ggactcctgt gaagcacagc 360
 ataaactggc cactgcctat gcagcaacct catctttacc gnttcctgcc ttgctcactc 420
 ccttccagcg ccgttattct tctgatgcc cctagtacac aacaactcct tctgctcca 480
 agagtaggaa aattactggt ctctctgcca gngagaancc tcttctggna ttacctttgc 540
 ttcatcgcn aatcttctnc aatatcatct tctaaaaaga gccttttaaa aatcaccttt 600
 nctatnatgc cctactcatt tccagtcctt gaaanggcc ttcccacttn antannactt 660
 attgctaach tgaaatacac taaatgnnan ccttcatgaa nggtanggca anttaaatgc 720
 nttngcactg gnnaggcnaa gagaacaagc ancntggntt canaagn 767

<210> 3167
 <211> 767
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(767)
 <223> n = A,T,C or G

<400> 3167
 gcgttctttg aaagccctnt tttgaaaggc ttgcttctaa ttacgggaaa cctttgcaac 60
 tgcagatccc atcgattcga attcggcagc aggacccagg tagaccagct caagagttca 120
 tggttctttgt natcctcctg tgagctctct gtaagtcnnt ttcttgccca tcaccacatc 180
 cctagtactg ggtatcagtc tggccacttg gctttctggt ttgcccgaat gtggtctatt 240
 cttgatgcag ctaccaaagt aatgttttaa aaccattata ccaagttact atccttgtea 300
 aaacccccag taactgcca tctcacttag aataaaatcc ggactcctgt gaagcacagc 360
 ataaactggc cactgcctat gcagcaacct catctttacc gnttcctgcc ttgctcactc 420
 ccttccagcg ccgttattct tctgatgcc cctagtacac aacaactcct tctgctcca 480
 agagtaggaa aattactggt ctctctgcca gngagaancc tcttctggna ttacctttgc 540
 ttcatcgcn aatcttctnc aatatcatct tctaaaaaga gccttttaaa aatcaccttt 600
 nctatnatgc cctactcatt tccagtcctt gaaanggcc ttcccacttn antannactt 660
 attgctaach tgaaatacac taaatgnnan ccttcatgaa nggtanggca anttaaatgc 720
 nttngcactg gnnaggcnaa gagaacaagc ancntggntt canaagn 767

<210> 3168
 <211> 754
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(754)
 <223> n = A,T,C or G

<400> 3168
 tttggagntc tttctttcta atncttggct actngntctt tntgcaggat cccatcgatt 60
 cgaattcggc acgagcggac ccatcgagc gtaacctgga tctccgcagg cctggcggag 120
 gccggccacc tggaggggca ttgcttggtt cgcgtggtag cagaggagct tgagaatggt 180
 cgcactttac cacatacagt tctttacatg gctgattcag aaactttcat tagtctggaa 240

gagtgtcgtg	gccataagag	agcaaggaaa	agaactagta	tggaaacagc	acttgccctt	300
gagaagctat	tcccaaaaca	atgccaaagtc	cttgggattg	tgaccccagg	aattgtagtg	360
actccaatgg	gatcaggtag	caatcgacct	catgaaatag	aaattggaga	atctgggttt	420
gctttattat	tccctcaaat	tgaaggaatn	aaaatacaac	cctttcattt	tattaaggat	480
ccaaagaatt	taacattaga	aagacatcaa	cttcaactgaa	gtaggtcttt	tagataaccc	540
ctgaacttcg	tgtggtccct	tgtctttggn	tataaatgct	gtaaggtggn	agccantaat	600
tntctgcaan	aagtangnca	gcacttttca	gtgatttgaa	tatcatcttg	gcttngangc	660
cangtggaca	accttgtcat	aactgacttc	tgaaaagaac	cctntngata	tttgatgcct	720
cnggtgtnng	tggaactgtc	atttantnng	anna			754

<210> 3169

<211> 734

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(734)

<223> n = A,T,C or G

<400> 3169

tctgnnctnt	gtntccttgc	tcgtgttctt	ttgcaggatc	cctcgattcg	aattcggcac	60
gaggactgga	gaagtcagaa	gtagaaaagc	agattgctag	gagagacagg	atgacagatt	120
ttggtcagaa	aatgggatat	tggagttaa	agtatcaa	acagaatagt	tccagatggt	180
cagagatcca	gcatgggatt	aggtactgaa	atggattaga	actaaaagtc	actagaattt	240
agaaattgag	aaccatgaga	gtggatgcaa	tgacttggtg	cttgattgaa	aaataaatta	300
ataataataa	aggacatga	gactagcctg	ttataggggt	tatctccatg	aacattgaat	360
tttcccagga	tcatagcagg	aattgggtag	agaaaaagat	tatgagaagg	tgccagagtc	420
ttcagtgaat	gtcaggaaat	taccaggaag	tcagcatatg	acagagaaaa	ggacagtatg	480
ttatctgcat	caaaggaaaa	tgtgcttttg	ttgaaaagta	cagaaaaagc	caatactaca	540
atactgtgct	aagcccctac	ctgtactcct	ctcccacagc	tgcatccag	ccctgtggta	600
taaaaggtgt	gagaatgagc	ttttccacca	gaatcagcag	gttttagtta	agcatgagca	660
gaacaagcat	nctatgaaga	gactgaggat	gtaggtgagt	ggtctaaatc	tcatnnaagg	720
acattgcagt	ngat					734

<210> 3170

<211> 730

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(730)

<223> n = A,T,C or G

<400> 3170

gaantccttn	nmtttnaaat	cnttggctac	ttgttctttt	tgcaggatcc	catcgattcg	60
aattcggcac	gatctagata	ttgcccaatc	gctgccaca	gtgcacatac	ctttccacca	120
gtcacatgtg	agagggcgaga	ttttccaaat	gctcatcacc	acttggcact	gtgtggacta	180
taattttggc	cagttaggaa	atggcatctc	attgttttca	tcttaatttg	cgtcagcctg	240
attactcatt	gaaacttggt	aggttgagaa	acttttctta	agcttattgg	ccattcaagt	300
ttcctccttt	atgaaatggt	tgttcatgtc	attgtgtcat	ttttatatta	gattgttttt	360
cttttttcca	gctgacttgt	aggaactcta	catcttatca	atattaatca	tttatcgaaa	420
actatttggg	tgccattatc	ttctcctagt	caatgttttt	tgtttgtgat	atcttttata	480
atatataagt	ttttaatggt	ggcagaagta	aagttaatct	ttttggctgt	gttgtgtgtc	540
ttgtttgatg	taaagatagt	ttctgtaata	gttttgacgt	ttgattggtc	atcttttaggt	600
cttcaattac	aacctgcaca	ttcatccctc	tatcctcttt	cttactctgg	ttttctccat	660
agcacttatc	atccaataat	atggcatgca	cttatttaat	ctggtttgca	tatatatttt	720
ngctggtacg						730

<210> 3171

<211> 757
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(757)
 <223> n = A,T,C or G

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<400> 3171
nggnttcnnt ctaactnaaa cngttnggna actcncctct ntctgtngat cccatcgatt      60
cgctaacaag cgattctaaa ccacctatga gtatttcttt tagggctcac ttaaatacat      120
gtttgtatat actgtattct agccagaata atttttagatc tgatcaggta gtagctaaaa      180
ttagaaaaaa acaaaataga tgcttaaaga atttgcattc atttttgagt ctaaattcttt      240
taaaatatac tgagatccac atctagtga atgtcagtg caaaatatta tagattatag      300
ctaaaatcca gattaatact catttggggt tttttatagt ggaacttcat agtaatacaa      360
aaagcagatt gtcttcctgt ctccgctgct cccacagtag gtattgaaac tggtaaaatc      420
agttttttga tagtgtgtgt atataagaaa aaatagatac acacattctt ttttctcagt      480
caacacattg attgaacact ctggcaaaga tgctgtgggt gatgangttg gagttcgaaa      540
agaagaagca agcgtgggcc tgccttgaaa gaacccgaaa gtctttccca ttcacttctc      600
tagaaagctg ccaagacaga ngcagaaagg aaatggatga tagttctgtc aagcacactt      660
ctgntctcnt agaacttaga aatggttcta agagaacaga agttatngag aacagttcnt      720
gtggaattca acatcttggg tgggacncat tggcttt      757
```

<210> 3172
 <211> 805
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(805)
 <223> n = A,T,C or G

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<400> 3172
cnaatncttg ctcttgnct ntttcnaatn cttggcnact cgctttctnt ggggatccct      60
cnnganncna tcgttcgaat tcggcacgag cacaaggaga agaaagttaa ttaacattga      120
aagatgagaa gacatcttgg aagacttgaa ttgggccttg gaagaagaac agccattcaa      180
atagatagaa ttgtggtagc aaaggcatac ngntcggaag gtatagatct ccagggacag      240
tagtcatggg gttggggcac tgttggaatt taaggttgga aggatatatt ggagcccctt      300
gaatacggta acaaggcaca cttgggcag tggagagtta tcagagtgtt tgaaaaggag      360
ggttattgag taaataaata gactggtact ttaggaattt taaaatgtgg atcattgtac      420
tactaataac tatntatttt atatttacta tctactaagt aatttacatg tattttcttg      480
tactgactgt aaaccttctg ggtgtgggtg ttttaagtgc cattttactg ataaagaaac      540
tgancttaa atagntgaaa tanntcacc tgtagtgag tggcacaatg acaagtcann      600
atcttanggt tgccnanntc caaaanncat ttaaanttnn agnatnattg annnttttnc      660
cttatggcnt nnnaaatttg gggagccatt attgaaatcc nttacnacnt angaattgnc      720
caaaaaaat actttttggg gaaaactgga tttattaatt atccaaaata atttnantgg      780
cttgnttggc ttntttccac tntnc      805
```

<210> 3173
 <211> 886
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(886)
 <223> n = A,T,C or G

<400> 3173

cggnnnnnnn	gnagcccntt	tggnaaangc	ctctaaggga	aangcctttt	tgaaaacnan	60
angaaaacct	ntgggaaaag	nccncannna	ttttngngaa	annggcnnnga	gcnnanantn	120
ggacacngtt	ntaannnnan	nagngnnngt	tttnnganan	agggnnnnna	gnngnannna	180
ngngnnggag	ggaannaagg	nanagnannn	ggnagnnaag	gnnnnaaaga	agnagnnang	240
gaganggnnn	gnngnggggc	atgangnggg	nncagaggca	cgaggagccc	aagaccatca	300
cngangagna	ngagcagggn	accnacatnn	acnnggacna	cgagaagngg	ggccagcgga	360
agaaggaaag	nagnacctng	agnaccgnta	ccaggaggan	cgggaccnac	agngacanag	420
gnccnnnnnc	anacggannn	nanaaacgng	aagcaggann	nnnanggacc	aagggaaggg	480
nncnngnnnn	ggaaaganng	ggagggaggn	ncgaaggcaa	aggggggann	cgnnannncc	540
aggaagnang	gaaggggggn	cgggaggnna	annganaaga	ngaaccnngg	gggnncaggg	600
gggcgagggn	agcanaannn	nnccnnagnc	aanngaaggg	gananaagag	ngggaaaann	660
aannagaaag	agggaaaana	agnnaaggaa	anaaaagang	ngnnaannng	gganaaaaana	720
ngngganann	gnngganana	ngngnannan	aaaannaggg	aggncannng	gnaaaanaana	780
nggggagggn	nganananag	ngaannagac	aaggaanagn	gaannagngn	anagnanngn	840
gnannaaaag	nannggggna	anaagnanna	nannnnnagn	gaagan		886

<210> 3174

<211> 781

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(781)

<223> n = A,T,C or G

<400> 3174

gcttttnann	nccctncttt	cnaancctct	tcaaatecctt	ggntatcggt	ctntctgnng	60
gatcccatcg	attcgaattc	ggcacgagag	acaaagaaaa	aggtggcaat	catagaagag	120
ttagtagtag	gttatgaaac	ctctctaaaa	agctgccggt	tatttaaccc	caatgatgat	180
ggaaaggagg	aaccaccaac	cacattactt	tgggtccnnt	nctacttggc	acaacattat	240
gacaaaattg	gtcagccatc	tattgctttg	gagtacataa	atactgctat	tgaaagtaca	300
cctacattaa	tagaactctt	tctcgtgaaa	gctaaaatct	ataagcatgc	tggaatatatt	360
aaagaagctg	caaggtggat	ggatgaggcc	caggccttgg	acacagcaga	cagattttatc	420
aactccaaat	gtgcaaaata	catgctaaaa	gccaacctga	ttaaagaagc	tgaagaaatg	480
tgctcaaagt	ttacaaggga	aggaacatca	gcggtagaga	atttgaatga	aatgcagtgc	540
atgtggttcc	aaacagaatg	tgcccaggct	tataaagcaa	tgaataaatt	tgggtgaagca	600
cttaagaaat	gtcatgagat	tgagagacat	tttataggaa	atcactgatg	accagtttga	660
ctttcataca	tactggatga	aggaagatta	cccttagatc	atatgtggac	ttattnaaac	720
tatgaagatg	tactttnaca	gcattncattt	tacttcaagg	cagcaagaat	tgctttttaga	780
c						781

<210> 3175

<211> 775

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(775)

<223> n = A,T,C or G

<400> 3175

gnttttnatn	cctcttttcta	atnncttggc	tactcgntct	ntctgnanga	tcccatcgat	60
tcgaattcgg	cacgagagat	tatgagcatg	tagaagatga	aacttttcct	cctttccac	120
ctccagcctc	tccagagaga	caagatggtg	aaggaactga	gcctgatgaa	gagtcaggaa	180
atggagcacc	tgttctgtga	cctcccgcg	ccgaacagtt	aaaagaaata	tacccaagct	240
ggatgctcag	agattaattt	cagagagagg	acttccagcc	ttaaggcatg	tatttgataa	300
ggcaaaattc	aaaggtaaaag	gtcatgaggc	tgaagacttg	aagatgctaa	tcagacacat	360
ggagcactgg	gcacataggc	tattccctaa	actgcagttt	gaggatttta	ttgacagagt	420
tgaatacctg	ggaagtaaaa	aggaagtcca	nacctgttta	aaacgaattc	gacttgatct	480

ccctatttta	catgaagatt	tttgtagca	ataatgatga	agttgaggag	aataatgaac	540
atgatgtcnc	ttctactgaa	ttagatccct	ttctgacaaa	cttatctgaa	agtgagatgt	600
ttgcttcttg	agttaagtag	aagcctaaca	gaaggagcca	accacaaaga	attgagagaa	660
atnaacaact	gggccttngg	aaagaaangc	nggccaaagct	gcttgagtaa	tagtcaganc	720
ctanggaaat	gatntgggta	atgaattcac	cccaggncac	accngttga	agagc	775

<210> 3176

<211> 754

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(754)

<223> n = A,T,C or G

<400> 3176

tgntttcta	at	gctngctctc	gttctttctg	caggatccca	tctattcgaa	ttgatgagcc	60
ttattaacta	tcttttcatt	atgagacaaa	ggttctgatt	atgcctactg	gttgaaattt		120
tttaatctag	tcaagaagga	aaatttgatg	aggaaggaag	gaatggatat	cttcagaagg		180
gcttcgccta	agctggaaca	tggatagatt	ccattctaac	ataaagatct	ttaagttcaa		240
atatagatga	gttgactggt	agatttggtg	gtagttgctt	tctcgggata	taagaagcaa		300
aatcaactgc	tacaagtaaa	gaggggatgg	ggaagggtgt	gcacatttaa	agagagaaa		360
tgtgaaaaag	cctaattgtg	ggaatgcaca	ggtttcacca	gatcagatga	tgtctgggta		420
ttctgtaaat	tatagtttct	tatcccagaa	attactgcct	tcaccatccc	taatatcttc		480
taattgggat	catataatga	cccactcttt	cttatgttat	ccaaacagtt	atgtggcatt		540
tagtaatggg	aatgtacatg	ggaatttccc	actgacttac	ctttctgtcc	ttgggaagct		600
taaactctga	atcttctcat	ctgttnaaat	gtgnattaaa	gtatctacct	aactgagtng		660
tgantgtant	gaaagaaagg	ncatatntta	aacnttgaat	ttancaagcc	cacnctcgna		720
ttttatgncc	tttcttttgc	ctngggattg	aanc				754

<210> 3177

<211> 743

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(743)

<223> n = A,T,C or G

<400> 3177

tannnnntnc	tntannnttt	ctgangccct	tntgcaggat	cccatcgatt	cgaattcggc	60
acgaggagat	ctctgggatg	tcagtgaggc	tggttgaaga	ccagaggtaa	actgcagagg	120
tcaccacccc	caccatgtcc	caggtgatgt	ccagcccact	gctggcagga	ggccatgctg	180
tcagcttggc	gccttgtgat	gagcccagga	ggacctgca	cccagacccc	agccccagcc	240
tgccacccca	gtgttcttac	tacaccacgg	aaggctgggg	agcccaggcc	ctgatggccc	300
ccgtgccctg	catggggccc	cctggccgac	tccagcaagc	cccacagggtg	gaggccaaag	360
ccacctgctt	cctgccgtcc	cctggtgaga	aggccttggg	gaccccagag	gaccttgact	420
cctacattga	cttctcactg	gagagcctca	atcagatgat	cctggaactg	gaccccacct	480
tccaactgct	tccccangg	actgggggct	cccangetga	nctggcccag	agcaccatgt	540
caatgagaaa	gaaggaggaa	tctgaacctt	gggtaaggat	ttggggcaca	gtaccaggaa	600
gggggcttgg	tgccagacct	tatgaggaag	aaggattttc	ctatgtacag	agaangggac	660
cctgtnctgt	tggaagtgc	ttgtgcaaac	ctaaccaagt	tactaaccoc	tctgntttct	720
gtgctacaca	aaggggataa	att				743

<210> 3178

<211> 786

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(786)
 <223> n = A,T,C or G

<400> 3178
 gatgtttnnn annctgggtc taatncttgg aaanctncnn ctttgttann ngenntttct 60
 gcaggatccc atcgattcga attcggcacg agcccagctg gacctgggtg ccctttccta 120
 gtgcctctgc tgggggagga gaacctctgt ccacgtggag gctaggaggt ctcaggtgct 180
 gccctggcag caccagagtg tgggccgggc ccgagtgtct gcccctcggc cctcaggggtg 240
 gggcacttag caccagaag ggacaaaag cagggcatgg cgggtgcagag gagtttggga 300
 ggtgtaaaca gccccatgca cgtggaggag gagctggctt tcagccccag accccacgct 360
 agcactttcc acgctgcttg cccgctgttg atgtgcagtt cccagtgcct gtgtgagccg 420
 acatctgctc agtcctatcc ctcgtcagcg tgtggagacc cagctcctgc aagcccttct 480
 gcttccacgc cccagacag cttggtggag ggtcctgcat ctgggccaaag ctgggggtgca 540
 cccagccaaa gacaaagctg ccttcacgtg cccaaaggat tcaagatggt gcaactggccc 600
 cgggaggagt cttgacaaa aatgggagcc cgctcttgtg gggaaanccc cgacttcccc 660
 caccnanaaa ccgntccac ggtgccgan cttccccctt ttcctttgtg ggggcaacaa 720
 nattggcctt gggcnctttc aattnttncg gaagctttcc tgggtgtngg cttttgacct 780
 taaaat 786

<210> 3179
 <211> 765
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(765)
 <223> n = A,T,C or G

<400> 3179
 gttgaantcc ttcctttcaa atngcttggc tactcgnct ntntgcagga tcccatcgat 60
 tcgaattcgg cagcagccca catgtaccag gttgagttg aagatggatc ccagatagca 120
 atgaagagag aggacatcta cacttttagat gaagagttac ccaagagagt gaaagctcga 180
 ttttccacag cctctgacat gcgatttgaa gacacgtttt atggagcaga cattatccaa 240
 ggggagagaa agagacaaag agtgctgagc tccaggttta agaatgaata tgtggccgac 300
 cctgtatacc gcactttttt gaagagctct ttccagaaga agtgccagaa gagacagtag 360
 tctgcataca tcgctgcagg ccacagagca gcttggttg gaagagagaa gatgaaggga 420
 catccttggg gctgtgccgt gagttttgct ggcatanctg acaggggtgtg tctctgacag 480
 tggtaaatcg ggtttccaga gtttggtcac caaaaataca aaatacaccc aatgaattgg 540
 acgcagcaat ctgaaatcat ctctagtctt gctttccttg tgagcagttg tctttctatg 600
 atcccaaaag aagtttttct aaagtnaaaa ggaaaattcc tagtgaatt canccccaa 660
 gggaaaaaag cccacttgnc cacannagga agccnggntn ccccttngtt ccggcttaan 720
 ggccccttgt tcaggaaacc acactggggg ancttntttt ttttn 765

<210> 3180
 <211> 783
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(783)
 <223> n = A,T,C or G

<400> 3180
 agttgaantn cttgctacnn aaaacctttg gcnactngct ctttntgnag gatcccatcg 60
 attcgcaaag atggtcgtat tactaaaggt gaataaccag cgcggnnngc acgtggagtc 120
 actggaacat ttgtgcaatg ctggtgggaa tgtcaaccg tgcggccctc tggaataagc 180
 ctggcagctc ctccaagagt taccngtga cccancaatt ccactcctag ctccaccac 240

aggaattgaa	agcaaanacg	caaacagatg	cctgtncacc	aaagttcacg	gcagcatnct	300
tcgncatagt	ggcagcatcc	gtcgtcacag	cggcatcatc	cttcatcata	gcggcagcat	360
ccgtcgtcac	aagcggcagc	atccttcgcc	acagnngcan	gcattctgtcg	tcacancggg	420
agcatccttc	gacaaagcgg	cagcatnctt	cgtnatagcn	gcagcatcct	ttgccatanc	480
cggcaagggtg	gaaaccctgt	ccatccactg	aggcgtgcat	agactaaaca	tgggcagtc	540
agcactggaa	ttccaagccg	tacaacggng	nccacngtca	aaaangaatg	aggaccctga	600
ngcacctgng	cnganaacaa	gaacnngcga	nnccaanact	tttnagacat	tattgcctta	660
agtnaaaaaa	cccagngcac	caacgggaaa	ccngaccgnc	ntgnanccct	gnntaaacntt	720
nantnngttn	cccgaataatg	ggggcacntt	nccaaaaagg	ggaataaaaag	gggagaattn	780
cct						783

<210> 3181

<211> 760

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(760)

<223> n = A,T,C or G

<400> 3181

gnnttgaaat	nccnttnntt	caaatnctng	gtacttgtt	ctttttgcag	gatcccatcg	60
attcgaattc	ggcagcagna	atgcaaagg	ctgcagttct	cattcaggct	actttcagga	120
tgacacaga	atatattaca	tttcagactt	ggaaacatgc	ttcaattcta	attcagcaac	180
attatcgaa	atatagagct	gcaaaattgc	aaagagaaaa	ttatatcaga	caatggcatt	240
ctgctgtggt	tattcaggct	gcatataaag	gaatgaaagc	aagacaactt	ttaagggaaa	300
aacacaaagc	ttctattgta	atacaaggca	cctacagaat	gtataggcag	tattgtttct	360
accaaaagct	tcagtgggct	acaaaaatca	tacaagaaaa	atatagagca	aataaaaaaga	420
aacagaaagt	atttcaacac	aatgaactta	agaaagagac	ttgtgttcag	gcagggttttc	480
aggacatgaa	cataaaaaaa	cagattcagg	aacagcacca	ggctgccatt	attattcaga	540
agcattgtaa	agccttttaa	ataaggaaagc	attatctcca	cattagagca	acagtagttt	600
ctattcaaag	aagatacaga	aaactaactg	cagtgcgtcc	ccaacaagtt	atttgtatac	660
agtcttatta	cangancttt	aaagttccaa	aaggatatcc	aaaaatatgc	caccgggctt	720
gccacactta	attcagncat	tctatcnaat	gccccagggc			760

<210> 3182

<211> 769

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(769)

<223> n = A,T,C or G

<400> 3182

ggnntnnna	gnntttgaan	tcccttnnt	tctaantcta	ggcttctngt	tctttttgca	60
ggatcccatc	gattcgctca	gctgaggcaa	ttaaactgga	aaagaaatag	attgaaaaga	120
tactacagaa	gaagcagtac	agaagttggg	ggactgaagg	agagggagcc	actgcaggtg	180
ctagctgctt	aaggggatac	cagtcctttt	acagatataa	tagatacagc	ttctgaggtg	240
gaggggtgata	ggagtgtgta	gagaaattgc	agttcagaac	tgagcagatgc	agttaggcaa	300
gaggcatccc	atgtgaagat	gtcaagcaag	tactggaaaa	tgctgaacta	aaactcaggg	360
atggatatgt	agatttagag	aacttcattg	tagaggcagt	cattgaaagc	taaaagggct	420
gataataaaa	ttgccaagga	tggaaatagt	aagaggaggt	cagtgttatt	aggattagaa	480
ttctgttttg	ttttttcttt	aaacagattc	tcgctctgtc	accctggctg	gagtgaagtg	540
gtgtgatctc	ggctcactgc	ggcctcgacc	tcccaggctc	aagttatcct	cccaactctc	600
agccttccaa	gtagctggga	ccacagccat	tcaaacacat	gcctgcctta	tgtttggtt	660
tttttgatana	aaccaagggt	ttgcatgtt	tnccaggctg	gnctnngaac	ttctgggctt	720
aagccattcc	cccacccttg	ggtctcccaa	aatgctngcc	attatangg		769

<210> 3183
 <211> 748
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(748)
 <223> n = A,T,C or G

<400> 3183
 tgnttttaaat cnttctaata cttggctctt gttctttttt caggatccct cgattcgaat 60
 tcggcacgag gtccgaagaa aaagactgtg gtggcggaga tgctctctcc aatggcatca 120
 agaaacacag aacaagtgtt ccttctccta tgttttccag aaatgacttc agtatctgga 180
 gcacctcag aaaatgtatt ggaatggaac tatccaagat cacgatgcca gttatatatta 240
 atgagcctct gagcttccta cagcgcctaa ctgaatacat ggagcatact tacctcatcc 300
 acaaggccag ttcactctct gatcctgtgg aaaggatgca gtgtgtagct gcgtttgctg 360
 tatctgctgt tgcttctcag tgggaacgga ctggaaaacc tttcaaccca ctgctgggag 420
 agacttatga attagtgcga gatgaccttg gatttagact catctccgaa caggtcagcc 480
 atcaccacc aatcagtgc tttcatgctg aaggattaaa caatgacttc atctttcatg 540
 gctctatcta tcccaaactg aaattctggg ggaagagtgt agaacagaac ccaaaggaa 600
 catcaccttg gagctncttg aacacaatga ggcatatata tggacaaatc cacctgctgt 660
 gtgcataata tcattgnggg taaactgtgg atcgaacagt ntggcaatgt ggaaattnta 720
 accncagact ggggacaaat ntgtgttg 748

<210> 3184
 <211> 755
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(755)
 <223> n = A,T,C or G

<400> 3184
 ntgctttcna atctttntaa atgccttttg cttctcgntc tttctgcagg atcccatcga 60
 ttcgaattcg gcacgagaaa aagtaaagct tttcatgagc acaaatncct tgcattgttt 120
 gatgttactg atattcgtaa aatgaatatt ttttgttttg ttttgtttta tttttttgag 180
 acaagtcttg ctttggtgcc caggctggag tgcaatggca tgatcttggc tcaactgcaac 240
 ccctgccttg cgagttcaag tgattcttct gcctcagcct cctgagtagc tgggattaca 300
 ggcgctcacc accacacca gctaatttct gtatttttag tagacacagg gttttaccat 360
 gttggccagg ctggtctcaa actcctgacc tcaaaactcct cacacctgta atctcagcac 420
 tttgggaggc tgaggtggaa ggatcacttg aagccagagt ttgagaccag cctgtgcaac 480
 acagcaagac cccgtctcta caaaaactta aaaaattagc tggctgtggt gttgctcacc 540
 catagtcca gctactcggg aagctgagca ntaagatcac ttgagccan gaggcenatg 600
 cttncantga actgtgattg tttccantac agnccacctg ggtgacanag taaanaaaan 660
 gaaacattac ataatttggc tagagcataa taaattgatt tctgggttnt gaaattnnag 720
 ttgccataaa aggnntttna atgngcnant tcant 755

<210> 3185
 <211> 1009
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1009)
 <223> n = A,T,C or G

<400> 3185

agc	ntttttt	nga	anttccc	cttt	nttna	aaa	atcccc	tttt	tgcaa	aaa	atnccc	60	
cc	ntntna	nng	tttttn	gat	ccccaca	tn	cngna	atn	tc	gggcncg	gg	nactgnc	120
nan	ngcnc	ctt	cgggggn	cn	gtgntaa	gnc	natnctt	gt	ntntana	ag	ntggnnmt	180	
nttt	ncgat	ng	ngactatt	gnc	acnctc	tt	ccntnttg	gc	agngngtc	tg	ganggttg	240	
ngg	ngctca	tn	tgntaan	cc	atcctgg	ng	accaanng	gcc	ngngtgn	gc	ntgcaagc	300	
ttt	gccacn	tg	gaaancc	g	nnagtggtn	gt	ctcanttg	cnt	gntgggn	nc	ntgncccc	360	
at	cttgntg	ct	gnancctt	g	gggagcagg	nn	ctnggtng	tg	gtntctgcc	tg	cttgctgc	420	
tn	gtccccg	gg	catgcgtn	nn	cannaagg	gnc	atgcntn	gg	caanaag	gt	gcgtggnc	480	
anc	gtnnngna	tn	nnnaggac	ca	ccntgggt	cg	ngaatcnn	tg	ggttncc	ga	taggaacc	540	
nt	naannnct	gc	ngntttta	tt	aatggga	nn	ananggt	nc	anttcaa	gcc	agtnnaa	600	
tg	cccttatg	ga	angngtg	na	tnacatan	cn	nnntatgt	gt	cntanann	ang	aatcgt	660	
tn	nncaaatt	tn	nacaana	tn	ttntaan	aa	gggtatt	tn	antntngg	tg	aaanaaca	720	
ang	ntttaa	gt	naaatgnt	tn	tancana	tt	aantaaac	ng	gtnttth	ga	ttntctac	780	
naa	antaacn	at	ncnnaagc	at	ttacngct	ta	angtccn	cn	ngatactn	nc	anaatatg	840	
g	nnnaattn	ta	nnanatng	cg	ataatctn	gn	ananactn	tc	atnnnnna	tn	gtgtaatc	900	
an	tanntacn	tg	attnnnnt	naa	atgaaaa	ca	tntgatnc	aa	gattaatn	ca	ttanntat	960	
ac	naaaatnt	tc	anatanta	na	ntacata	ta	atgggttc	na	ataaacn			1009	

<210> 3186

<211> 840

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(840)

<223> n = A,T,C or G

<400> 3186

c	gatnncgt	na	gganngat	ng	tagnancn	tc	gctcnccc	tn	tgagnaag	gg	ngngcgaa	60
nt	cggcacga	gg	accaggt	ag	accagctc	an	nagnnntt	tt	ctttgtc	at	cctcctgt	120
ga	gctctctg	na	agtctctt	tt	tgcccat	ca	ccacatcc	ct	agtactgg	gt	atcagctc	180
gg	ccacttg	ct	ttctggtt	tg	ccccaatg	tg	gnctattc	tt	gatgcagc	ta	ccaaagta	240
at	gttttaa	ac	catnatac	ca	agttacta	tc	cttgcaaa	ac	ccccagta	ac	tgccaatc	300
tc	acttagaa	ta	aatccgg	ac	tcctgtga	ag	cacacata	ac	tgggccac	tg	ctatgca	360
g	caacctcat	ct	ttaccgtt	tc	ctgccttg	ct	cactccct	tt	caagcgcc	gn	tattcttc	420
ct	gatgccct	ag	tacacaac	aa	ctccttct	gt	ttcaaaga	gt	angaaaat	ta	ctggntctc	480
tc	tgccagtg	ag	antccnct	tc	tggnatta	cc	cttgetnc	aa	ttgctgaa	ac	ttctncaa	540
at	atcaacct	tc	taaaaaag	ag	ccctttta	aa	acaccct	tt	tctaatat	gg	cccctact	600
ca	aatttcca	ag	tccctgg	na	attgggcc	ca	atttcccc	ca	actttcaa	ta	agcaacct	660
ta	aatgggct	aa	tcctggaa	aa	tnacccc	cc	taaaaaang	gn	gcaancct	tt	naatggaa	720
nn	gggtaagg	gc	caaaanttn	aa	tnnggncc	tn	tnngnna	cc	tggggnaa	an	gncacct	780
g	gaaggaaac	ca	agccaan	ct	tggggctt	ca	aaaaannt	an	ggggcaac	ct	tcnaaana	840

<210> 3187

<211> 739

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(739)

<223> n = A,T,C or G

<400> 3187

g	cgnntntat	ta	gcgtgggc	tc	gntctcgc	tc	nacnanc	nn	ngngctgg	cg	aattcggt	60
ac	gagaatca	ga	ggaggctt	ct	tcatcctt	ca	actccatg	at	gaactcct	at	atgaagtg	120
gc	agaagaag	at	gttgttca	gg	tagctcag	att	gtcaaga	at	gaaatgga	aa	gtgctgta	180
aa	actgtctg	tg	aaattgaa	ag	tgaagtg	aaa	ataggcg	cc	agctgggg	ag	agctaaag	240
ga	ctttgatg	tg	taactgtg	ct	gttgatga	ag	tccctcca	gg	gaagcctg	tg	cagatgca	300
gt	cactgga	aa	gaacagag	at	tccctttc	ac	ctacctca	gc	aaaacaaa	ct	ttcaagtc	360

ttgatagact	tagcctagta	atthttatagt	gagagtthtca	aactatatat	caagtgtcta	420
tagcatcaaa	aactttctggg	ggcgtggggg	aaagtagaat	accaagtata	atagttacat	480
tcactttcaa	agagcatcta	tgaatttgcc	ttttgttaact	tactgtggct	ttaaacatat	540
tcagaacaga	tgcttgaaat	atgcacttag	cactttgggt	ccacatctgt	ctgggtaaac	600
catgaagaaa	atgaagctgc	tgccctcaatc	gancccgagac	agcagccata	ggcagataaa	660
gatttnggtt	cacccttggg	gggtgggaggc	atcgtgtgtg	cctttttttc	ctctaataatc	720
aattttacag	tccgggaan					739

<210> 3188

<211> 738

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(738)

<223> n = A,T,C or G

<400> 3188

gnnngncgtt	cnaattncgn	ggnttctttc	tngccnanna	nnannngcgt	gngngaattc	60
ggcacgagac	tgttcatcct	aagttccact	ataaacaggc	tcatgactcg	ggcacagaca	120
cttcttgctg	gactttttcc	tatgatggta	atgtccttgc	ctctcgtgga	ggtgacgatt	180
cattaaaatt	atgggacatc	cgacaattta	ataaaccact	tttttcagcc	tcgggtcttc	240
ccaccatgtt	cccaatgact	gactgctgtt	tcagtccaga	tgataagctc	atagtcactg	300
gtacatctat	tcaaagagga	tgtggcagcg	gcaaacttgt	tttctttgag	cgtaggactt	360
tccaaagggt	gtatgaaata	gacatcacag	atgcgagtgt	tgttcgctgc	ctgtggcatc	420
caaagctgaa	ccagatcatg	gttggaactg	gaaatggatt	ggctaaagtc	tattacgacc	480
ccaacaagag	tcagagggga	gcaaaattat	gtgtgggttaa	aaccancgg	aaggcaaaac	540
aagctgagac	tctactcagg	actacatcat	caccctcat	gccttgccct	tggtcccgtg	600
agccccgnca	acggagtaca	aaggaaacag	ctggagaagg	acagactgga	tcctgaagt	660
cgcattaaac	tgaacctcct	gtancangcc	cangtcgtgg	tggccgattt	ggaacccacg	720
ggggcactnt	tttttctt					738

<210> 3189

<211> 757

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(757)

<223> n = A,T,C or G

<400> 3189

tggggnntnn	nttctaattgc	tgggatgttc	taaangntgg	gctactcgtt	ctttccgcag	60
gancccntcg	attcgaattc	ggcacgagga	aaggtggcgc	gcttctcacg	gctgagttgc	120
tgcgctgca	gacggaagct	ccccacaggc	agagctgctt	ggatgtgtga	gtcatgaagc	180
cagagaagcc	ccgctccatg	agcagtgact	ccccaggccc	tgtgacctcc	ctcctgtctt	240
gcagctctc	ctggcaccag	tecccagggc	tctcctgttg	gtagttcctg	cttttcttct	300
tggaatttcc	tcgtggacct	cgagatcttt	accctaaaat	agttctgttg	aatttcaccc	360
tggaattgta	aattgatagc	ttatcttcac	agatgccaga	caatggacaa	ctcaccatca	420
gtcctctgct	cacctgagac	aaatgcattg	ctgattgctt	cctctgccct	attgnttatg	480
tgaaaatgca	gattcactga	gccagactaa	ggcatcagtg	actgttctct	tactgcctct	540
cacatggaga	ttgtgtattc	agtgaaggc	tgatcaaaga	ccccaaagga	atgcaccagt	600
ttatctctta	tctacctatg	acctgcgagc	tgncaccac	ccccagttgt	tgcgcttttc	660
cagacagaac	cagtgtcatc	ttacacgtat	taattggatg	tcctgngnct	tccttaatat	720
gtatcaaac	aagctngcct	tgaacacctt	gggcacn			757

<210> 3190

<211> 773

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(773)

<223> n = A,T,C or G

<400> 3190

gnngnnnnnn	tttctaatagc	ttgggnnnnn	ngtcnatgcn	taagagccan	gcggnctgaa	60
ttcggcacga	ggcgggcccg	gccagcggaa	gcccctgcgc	ccgcgccatg	tcaaagaaaa	120
aaaggactga	gtgcagaaga	aaagagaact	cgcntgatgg	aaatattttc	tgaacaaaaa	180
gatgtatttc	anttaaaaga	cttggaaga	attgctccca	aagagaaagg	ctttactgct	240
atgtcagtaa	aagaagtcct	tcaaagctta	gttgatgatg	gtatggttga	ctgtgagagg	300
atcggaactt	ctaattatta	ttgggctttt	ccaagtaaag	ctcttcatgc	aaggaaacat	360
aagttagagg	ttctggaatc	tcagttgtct	gagggaagtc	aaaagcatgc	aagcctacag	420
aaaagcattg	agaaagctaa	aattggccga	tgttgaaacg	gaagagcgac	caggcttagc	480
aaaagacttt	cttcacttcg	agaccaaang	ggaacagcta	aaggcagaag	tagaaaaaat	540
ncaaagactg	tgatcccgca	agttgtngga	agaaatcgcc	aagcaaatna	agtagcccaa	600
ggaactgctt	acagatggac	tgattacata	ttcgcaataa	aatcttnggc	ccaaagaaaa	660
atttnggggt	tgaaggaaaa	ttaaattggt	tngaaccttt	tggaatttcc	cgaaagactt	720
ttgcctncnt	ngacttaaaa	tatttccatg	gnngtgaaag	gttgtccaan	ctt	773

<210> 3191

<211> 773

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(773)

<223> n = A,T,C or G

<400> 3191

gnangnnngn	ttcntagtagc	ccgtgggagt	cttagatncc	ctaaaaaatt	gntaatgctn	60
ggtcggcacg	agtcaaggcc	tacgaaacag	gtgatgcact	accccggtta	cggttcccc	120
atgcctggca	gctnggccat	gggcccgttc	acgaacaaaa	cgggcctgga	cgccctcgcc	180
ntggccgcag	atacctccta	ctaccagggg	gtgtactccc	ggccattat	gaactcctct	240
taagaagacg	acggcttcag	gcccggctaa	ctttggcacc	ccggatcgag	gacaagttag	300
agagcaagtg	ggggtcgaga	ctttggggag	acgggtgtgc	agagacgcaa	gggagaagaa	360
atccataaca	ccccaccccc	aacaccccc	agacagcaat	cttcttcacc	cgcttgcaac	420
ccgttcctgc	ccaaacagag	ggccacacag	ataccccacg	ttctatataa	ggaggaaacc	480
gggaaaagaa	tataaagtta	aaaaaaaaag	ctccggttcc	cactactgng	tagacttcct	540
gcttcttcaa	cacctgcaga	ttctgatttt	tttgtgttg	gttgttctct	ccattgctgn	600
tgtgtcangg	aagtcttact	taaaaaaaaa	aaaattttgn	gagtgactcg	gtgtaaaacc	660
atgttanttt	taacagaacc	nanaagggtt	gncctattgg	ttaaaaaaaa	aaaaaaaaaa	720
aaacttngng	cctttagaac	tattannngag	nccnattttac	nttaatccan	nct	773

<210> 3192

<211> 754

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(754)

<223> n = A,T,C or G

<400> 3192

ttggantctt	ctcngaaacn	cttngcnatt	gcncntctctg	naggatccca	tcgattcgaa	60
ttcggcacga	ggttcttcaa	agccaaccaa	gacaggcttn	tnagtttttag	agcttcagaa	120
caaattgccca	aaagccagag	ttgtttatgc	tagtgcaact	ggtgcttctg	aaccacgcaa	180

catggcctat	atgaaccgtc	ttggcatatg	gggtgaggg	actccattta	gagaattcag	240
tgattttatt	caagcagtag	aacggagagg	agttggtgcc	atggaaatag	ttgctatgga	300
tatgaagctt	agaggaatgt	acattgctcg	acaactgagc	tttactggag	tgaccttcaa	360
aattgaggaa	gttcttcttt	ctcagagcta	cgtaaataatg	tataacaaag	ctgtcaagct	420
gtgggtcatt	gccagagagc	ggtttcagca	agctgcagat	ctgattgatg	ctgagcaacg	480
aatgaagaag	tccatgtggg	gtcagttctg	gtctgctnac	cagaggttct	tcaaacttta	540
tgcatagcaa	tccaaagtta	aaagggtttg	tgccactagc	tcgagaggaa	atcaangaat	600
ggaaaaatgt	gttgtaattg	gtctgcantc	tacaaggaga	agctangaac	atttagaaaag	660
ctttggaaag	aaggccggng	ggagaaattg	aatgattttt	ggtttcaact	nccaaaaggt	720
gtgttgcnct	cccttctttg	aaaaaacatt	ttct			754

<210> 3193
 <211> 856
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(856)
 <223> n = A,T,C or G

<400> 3193						
tggtgccngt	tcctattccg	tgctntcgtn	ctnccnccagg	ancnangcgt	ntcgaattcg	60
gcacgaggaa	ggaggaccta	ggcacacaca	tatgggtggcc	acacccagga	gggtagtggg	120
gagtttagatt	tcagagtcca	ggccctaggt	tgggaccac	tccaaataat	ctcctcggtg	180
tggttggtgg	ttctatagag	ggataaatga	ataataaaca	ttgttaaaat	atacgaaaaa	240
aaaaaaaaaa	aaaaaaaaaa	aaaaaaaaaa	aaaaaaaaaa	aaaaaaaaaa	anaanaaaaa	300
aaaananaaa	aatnaaaaaa	annanaaaaa	aaaaaaaaaa	aannccccctn	cncacctaaaa	360
nattcngggg	ggntttttcc	tccannccnn	ntntttaata	nnctncttnt	tgnttcttng	420
nctcaccnnt	tcttttggtg	ggcnntaana	naaaatnttn	nttttttttn	ggntanaaat	480
ncnntnncng	ttttttntnn	ttttttttcn	aaaccctcct	ntntnctc	ncgtntcnaa	540
aaanntnttt	ntccnccnnc	nttnntntnt	nctntttcta	tttttnttc	ttntncaann	600
ttccnangtg	nnnngngtnt	nntgnggctt	gtttnttttt	ncnncctngc	gtcatccnnc	660
caataatttc	ttmnccccc	nanmccnnt	ttttntnnc	ctctatntnn	gnngngnnat	720
atnantcccc	tttatnttn	atnantagtc	ntntnttttn	ttntccntng	tnatannatt	780
ttntntcccn	ntntaanttc	ctcannnnat	ttntntnnnc	ncngngntata	tttnangnta	840
ntcnnccggg	gttnt					856

<210> 3194
 <211> 753
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(753)
 <223> n = A,T,C or G

<400> 3194						
gtntngnnng	nngttnnatt	atatggntcg	nctnnctcna	nnancnangc	ttgngctgac	60
aacttgattg	ggttctcctt	caggtttgaa	gcgccctcna	gaagtgtcta	aaggagacag	120
ttgatagcca	aacaacagtt	ttggattcac	tgactgatta	tgaaagaagc	agtagactgg	180
tatcaagaat	cagtacagca	ggaggccctc	accagacgcc	agtgccatgt	tcttggaactt	240
ctcagcctcc	atattcatga	actaagtttt	tggaatcctt	aggcttccac	gtgtggaaag	300
cctgagctaa	cctactggag	gatgagccat	cacctggagc	agattcaggc	catcctagtt	360
gaagcctccc	taggccaagc	aaccgtccaa	ctaccagaca	ttgaccattc	agccttgaac	420
attcagcaca	aagacaaaac	agaccagacc	agaagagtcc	cacagaatag	gggaaactat	480
tcagagaaaa	cttaagccac	taagttttat	gggtgtttgt	tctttagacc	agaagcatag	540
gcatactggc	caatacaaac	cgaaatcctt	ctaacttant	ggaccctttt	caggccagca	600
ttttttccct	tgaaaacctg	ggagccttgt	attccatcct	attagcagaa	gatcactttc	660
accaatgggt	tgggctcttg	atttgaatt	gatgatgtaa	tgagcctnta	ttcnaatgn	720

<210> 3195
 <211> 840
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(840)
 <223> n = A,T,C or G

<400> 3195
 cggatnncgt nagganngat ngtaganancn tcgctcncce tntgagnaag ggngngcgaa 60
 ntccggcacga ggacccaggt agaccagctc annagnnntt tttctttgtc atcctcctgt 120
 gagctctctg naagtctctt tcttgcccat caccacatcc ctagtactgg gtatcagtct 180
 ggccacttgg ctttctgggt tgccccaatg tggncatttc ttgatgcagc taccaaagta 240
 atgttttaaa accatnatac caagttacta tccttgcaaa acccccagta actgccaatc 300
 tcacttagaa taaaatccgg actcctgtga agcacacata actgggccac tgnctatgca 360
 gcaacctcat ctttaccgtt tctgccttg ctactccct ttcaagcgcc gntattcttc 420
 ctgatgccct agtacacaac aactccttct gcttcaaaga gtangaaaat tactggnctc 480
 tctgccagtg agantccnct tctgggntta cccttgctnc aattgctgaa acttctncaa 540
 atatcaacct tctaaaaaag agccctttta aaaacaccct tttctaatat ggcccctact 600
 caaatttcca agtcccctgg naattgggcc caatttcccc caactttcaa taagcaacct 660
 taaatgggct aatcctggaa aattnacccc cctaaaaang gngcaancct tttaatggaa 720
 nngggtaagg gccaaanttn aattnggncc tntngngnna cctggggnaa anggncccta 780
 ggaaggaaac ccaagccaan cttggggctt caaaaaannt anggggcaac cttcnaaana 840

<210> 3196
 <211> 840
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(840)
 <223> n = A,T,C or G

<400> 3196
 cggatnncgt nagganngat ngtaganancn tcgctcncce tntgagnaag ggngngcgaa 60
 ntccggcacga ggacccaggt agaccagctc annagnnntt tttctttgtc atcctcctgt 120
 gagctctctg naagtctctt tcttgcccat caccacatcc ctagtactgg gtatcagtct 180
 ggccacttgg ctttctgggt tgccccaatg tggncatttc ttgatgcagc taccaaagta 240
 atgttttaaa accatnatac caagttacta tccttgcaaa acccccagta actgccaatc 300
 tcacttagaa taaaatccgg actcctgtga agcacacata actgggccac tgnctatgca 360
 gcaacctcat ctttaccgtt tctgccttg ctactccct ttcaagcgcc gntattcttc 420
 ctgatgccct agtacacaac aactccttct gcttcaaaga gtangaaaat tactggnctc 480
 tctgccagtg agantccnct tctgggntta cccttgctnc aattgctgaa acttctncaa 540
 atatcaacct tctaaaaaag agccctttta aaaacaccct tttctaatat ggcccctact 600
 caaatttcca agtcccctgg naattgggcc caatttcccc caactttcaa taagcaacct 660
 taaatgggct aatcctggaa aattnacccc cctaaaaang gngcaancct tttaatggaa 720
 nngggtaagg gccaaanttn aattnggncc tntngngnna cctggggnaa anggncccta 780
 ggaaggaaac ccaagccaan cttggggctt caaaaaannt anggggcaac cttcnaaana 840

<210> 3197
 <211> 833
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1)...(833)
 <223> n = A,T,C or G

<400> 3197

atccngttct	ntannnnngtc	tngttctttc	tnacagatcn	nntgcgattc	gaattcggca	60
cgaggggtcc	tggtgggagt	tccatccagc	agtgaagtga	ttttttcccc	agagcagtta	120
agggtcttat	taaaagccac	cactttgctg	aggcctgtac	aggccttggg	ggtttgggga	180
agagaantaa	ggcaggcact	tgtcccttca	gggagggact	tgccntact	gggaggtttg	240
gggttgacct	tggtccagc	agagataccc	agcctggcnt	ggaagggcag	gtcttgagct	300
tacgcttgac	tgcaagggca	agctgcaggc	ctcttctgcc	ttcccttgca	ttcaccaagg	360
acaagtagga	ccaagaagtc	aagggaagag	tgccaagata	gatctattcc	catttctttc	420
ttccacctgg	agaattcctg	agctatgctt	caaacctctt	ttgggccagg	gaaagactgg	480
gggacatttt	ttagtcaagg	atgctttaag	aaagtaaatt	cctgcttggg	ggcccaaggcc	540
ttctttttca	agggttgctt	tgtgaatgcc	caacccaaaa	aaagggggccc	ccaaggccca	600
atcccttact	tcttnggtcc	ccccaaaaag	ggatnccaan	ttgggggaatt	gggaaaactt	660
gggcanncac	ccnaaaccac	ctttggtagg	anttnaccac	cccaaccaac	ccaaaaccan	720
cccacccaaa	ttnaaaaaaa	ggccaaaacc	accaaccaac	cnaaacccnn	annnnnnnnn	780
nannnnnnnn	nnnaaaaaaa	ctttgangcc	ttttaaaaac	tnttngngn	ggn	833

<210> 3198
 <211> 733
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(733)
 <223> n = A,T,C or G

<400> 3198

gtnnnnnttca	atgcttggct	ctttccnacy	naggatccca	tcgattcgcc	aggctagtct	60
tgaactcctg	gcctcaagca	atcctcccac	ctcggcctcc	caaagtgtct	ggattaaagg	120
cgtgagccac	cgtacctggc	ccttggtgga	atcttttagg	ttttctattc	atacatataa	180
aatcatatca	ttggcaaaaca	gagataattt	tacttntctc	tttccaattt	ggatgcctta	240
gatttctttt	ccttgccctaa	ctgctctgtc	tagaactccc	agcactatgc	tgaatagagt	300
ggcaagagca	ggcatttgcc	ttgttcctaa	ccttagagaa	aaatccttca	gccttttacc	360
attgaggatg	atgtttgctg	ttagtttttc	ataaatgatc	tatatcaggc	tgaataaatt	420
tctatttcta	aaaaaaaaaa	ntncttnnct	ttanaaaaaa	tgctaaaaaa	aaaaaactcg	480
agcctttaa	actatagnca	gtcgnnttac	gtaaatccag	acntgataag	atncattgat	540
gagtttgcca	aaccacactn	naatgcagtg	aaaaaatgc	tttatttgng	aaatttgagg	600
tgctattgct	taatttgnaa	cccttttaag	ctgnaataaa	caagttaaca	acaccaatgg	660
attcatttat	ngttcangtt	cagggggagg	tntngnaggg	tttttaattc	cgggccnnng	720
gnccaaancca	ttt					733

<210> 3199
 <211> 870
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(870)
 <223> n = A,T,C or G

<400> 3199

nagttaanag	taggtcttgt	cttttgcaag	atcntancga	ttcgaattcg	gcacgagtat	60
ataacaactt	ttgctttcaa	agttgggtgg	gactagancn	cncantggaa	ggntggagtc	120
agganacctg	gattnttgng	cccgnntngg	nttttacagt	ntgcctaant	ttntgcagtn	180
acttcttggc	ancctgtttc	nttacntnca	anagggaag	acantccttg	gccagcctag	240
ttttnagggt	gaacgaaagg	tcnttntcac	tgntcctct	agtcatttgc	ttcttcgnta	300
attaacacat	cttgagcacc	tgcnatgttc	caggaacagg	agatggcanc	gtgcaagata	360

aagtccctga	cttctagaga	ctgcatgtta	gtggcaatcg	gcgtntaccc	ggccttnaat	420
aaactactga	atgaaggaaa	attctaccta	caccagacac	aattactggg	gtttctaaaa	480
tggaattatt	ccccggccc	cntgcatcca	gcagcctgnt	gcagggaaac	tcctccnaaa	540
ggcttgtaag	gcaaggaanc	cgggacaatg	gcntggctat	ttaagcttnc	aacaagatgg	600
ttacccttaa	gtncctaatt	ccctaacacc	aagggggccc	tttaccagga	aacaaaaacc	660
aggttaaaaa	accccaaagt	tgggnaaaaa	gccatttgcc	anccggggcc	nttttaaaaa	720
aaacctttta	aaaacctttc	ccttttaaaa	ctttaccttc	aagntaaaan	tttaagggga	780
atgggnccaa	nttttttaac	canccecaaa	aaaaanttng	gnaatttttt	ttcccnfaat	840
tttttnaant	tccccaatt	tnggaaaang				870

<210> 3200

<211> 733

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(733)

<223> n = A,T,C or G

<400> 3200

nagttaann	gtatgtcttg	tcttttccaa	gatactatcc	gattcgaatt	cggcacgaga	60
agtgtcagtt	ttcctaattc	cagtcacagt	aggatttaaa	aantntctca	agtgttgatg	120
ctntccaagc	ntgttggggt	ggaagggaat	tggtgccag	aaaatgggac	tggagtgagg	180
aatatctttt	cttttgagag	tncccccagt	taatttntnc	tgtgcttnat	tgctnctgtn	240
ctttattgtg	aatgttgtaa	catttttaaaa	atgttttgcc	ntagcttttt	aggacttggn	300
gttaaaggag	ccagtgggtc	ctctgggtgg	gtntataat	gagttattgt	gacccacagc	360
ttgtgtggga	ccacatcact	tgtaataaac	acaaccttta	aagtaacca	tcttcagggg	420
gggttccttc	atgttgccac	tcctttttta	nggacaaact	caggcaagga	gcatgttttt	480
tngtnattta	caaaatctan	cagactgtgg	gtatccatat	ttnaattgtc	gggtgacaca	540
tgttcttggt	aactaaactc	aaatatgtct	ttctcatata	tgtgctgatg	gttttaataa	600
atgtcaaatg	tctcctgtta	aaaaaaaaaa	aaaaaaaaac	tcgagccttt	anaactntnt	660
gagtcgnta	cntagatccn	gacatgataa	gatcatgatg	agtttgga	accnactng	720
aagcagtgaa	aaa					733

<210> 3201

<211> 748

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(748)

<223> n = A,T,C or G

<400> 3201

gatgccggtt	cctatgatgn	gctctcggct	tcctaggagt	tccaanactn	ggctngcncg	60
aggncttnta	aatatatctn	ggntttanta	ggtgataagt	nctgtcantt	agtancatct	120
gaaaaancag	ctttgtcctg	ggtgaaaaag	gatgccaaaa	ttgcctggaa	aagagcagtg	180
anaggagtcc	gggagatgtg	tgatgcntgt	gaagcancat	tgtttancat	tcaactgggtc	240
tgccaaaaat	gtggatttgt	ggtctgctta	gattgttnca	aggcaaagga	aaggaagagt	300
tctagagata	aagaactata	tgcttgatg	aagtgtgtga	agggacagcc	tcatgatcac	360
aaacntttta	tgccaaacca	aattatacct	ggttctgttt	tgacagatct	tctagatgcc	420
atgcacactc	ttagggaaaa	atatggtatt	aaatcccatt	gncattgtct	aacaaacaga	480
atttacaagt	tggaaatttt	cctnecatga	tggtgtatct	caagtttaca	gaatgtctta	540
atcacagtat	aaaattctct	gngcatgcct	gagtcacagc	gccaaaatcc	tcctccgaag	600
tctgagaaaa	atggtggcag	cnncccaana	aagtgatgtt	nggcnccaga	ttaccaggtt	660
aacttcctcc	agaatnccag	tcaccactgn	actggnatgc	anatcttgcc	gagccaaaaa	720
gccnaagng	ggaaaaaaa	aaaaaaaaa				748

<210> 3202

<211> 748
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(748)
 <223> n = A,T,C or G

<400> 3202
 ggnnnnnnngnn ngntnnncgtt ccctattant caggngctcg ntctntctcn annnancnng 60
 gcgtgtncga attcggcacg aggatttttcg aaactcttca gctacttgcc cttttttatc 120
 tgaaaccatc ataccttctg aaagaaaaaa gcatatcttc attgacataa cagaagtggag 180
 atggcccgagt cttgatacag atgggtccatg atatatatgg agagtggcat tgtgaagata 240
 acatcttttag atgggtcatg atacctctgc ctgcccagat ctgagcatga atttacagta 300
 cattttttgt gtaaagttag ccagaagtca gactcatctg cagtgttggtc agaaacaaat 360
 aataaagccc caaaagataa actagtgtgaa aaaactggca aaatctgtat acgtggaaat 420
 ttaccaggac agagactgaa gaataaagaa aatgagtttc attgccagat catgaaatcc 480
 aaagaaactt taaagaagat gagttgtgta aatggaactg aagggagggg aagaactgcc 540
 ttcgcctggt acaaagcaca catgtgtata cacatgggtc aagcagtgtc ggtctgtggc 600
 tgnctgtcca gangaatgga aatatccttg gcttttagcac ttcattttca taataaaatc 660
 agcaattntg tctaaaaaaa aaaannnana aaaaactnga gcctntanaa ctntagtgag 720
 tcgtattacg tagatncnna catgataa 748

<210> 3203
 <211> 780
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(780)
 <223> n = A,T,C or G

<400> 3203
 ctaaatgctt tggganagnn ncccccttga ancctntnaa atcctttggc aanttgcnc 60
 cncgtgngga tcccacgat tcgaattcgg cactgagagac agggagaaga gaggaagagg 120
 gagctgcagg tgccagaaga gaacagggcg gactctcagg acgaaaagag tcaaaccttt 180
 ttgggaaaat cagaggaagt aactggaaag caagaagnca nggtctaaag gagaaagggg 240
 tcccagtcag cgggaggag gcgaaagagc cagagagttg ggatgggggc aggctggggg 300
 cagtgggaag agcaggagc aggggaagagg agaattgagca tcatgggcct tcaatgcccg 360
 ctctgatagc cctgaggac tctctcact gtgacctgtt tccaggtgcc tcatatctcg 420
 tgactcagat tcccgggact cagacagagt ccagggtcta ggaactgtcc cccgagctc 480
 tgtctccctt gctagagccc atcagatgct ctcaccagcc catttctcta cngggctcct 540
 ttttgactga ggagtcacct gacaaggaaa aacttctatc agtactttga tatgtcacag 600
 tttcatgttt atccagttca atgtattttt aaatttttcc ttgagacttc tttgactgat 660
 agattattgt gaagtgtgtt tttaaaattt ncaaatgttt aagggatttt catatctttc 720
 ttaatgctga tttccaattt ggattcccta caatgattct gggattcatc tgctctggac 780

<210> 3204
 <211> 796
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(796)
 <223> n = A,T,C or G

<400> 3204
 tcttttaatg ctttttncaa gccttggttn aaatcctttg caggatccca tcgattcgaa 60

ttcggcacga	gactaccccg	gtacggttc	ccccatgcct	ggcagcttg	ccatgggccc	120
ggtcacgaac	aaaacgggcc	tggacgcctc	gcccctggcc	gcagatacct	cctactacca	180
gggggtgtac	tcccggccca	ttatgaactc	ctcttaagaa	gacgacggct	tcaggcccgg	240
ctaactctgg	caccccgcat	cgaggacaag	tgagagagca	agtgggggtc	gagacttttg	300
ggagacggtg	ttgcaagaga	cgcaaggagg	aagaaatcat	aacaccccca	ccnaacacc	360
nncaagacag	cagtcttctt	cacccgctgc	agccgttncg	ttccaaacag	agggccacac	420
agaatacccc	acgtttttat	ataaggagga	aaaccggnaa	aanaatttaa	aagttaaaaa	480
aatanccctt	cngttttaca	ctactgntgt	agactcctgn	tttcttcaan	cacctgnaga	540
ttcttgat	ttttgtgtt	gatgntctct	ccattgcttg	tngtttgcnt	gggaantttt	600
atttaaaaaa	aaaaaaaaatt	cttgtgagtn	gactttggnt	tttaaaccan	tgntagattt	660
taacnagnacc	cttaatgggt	tgtacntata	tgntttnaaa	acatgnnaan	aaatatttaa	720
tgtaaaaggn	ctgttnntaa	atntaaccac	ntanagaant	tnnaaannnn	ttnanccctt	780
tagaacnatt	nntgng					796

<210> 3205

<211> 769

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(769)

<223> n = A,T,C or G

<400> 3205

ttttaatacn	tttttnaatn	cttgcttncg	ntccttttga	ggatcccatc	gattcgaatt	60
cggcacgaga	gcaattccac	tcctagctcc	accacaggt	aattgaaagc	aaagacgcaa	120
acagatgcct	gtgcaccaa	gttcacggca	gcctccttcg	ccatagtggc	agcatccgtc	180
gtcacagcgg	natcatcctt	catcatagcg	gcagcatccg	tcgtcacagc	ggcagcatcc	240
ttcgccacag	cggcagcatc	tgctcgtcaca	gnngcagcat	ccttcgccaa	agcggcagca	300
tccttcgtca	tagcggcagc	atcctttgcc	atagcggcaa	ggtggaaacc	ctgtccatcc	360
actgaggcgt	gcatagacta	aacatggcca	gtccaggcac	tggaaatccag	gccgtanaac	420
ggngcccacn	gtcaaaagga	atgagaccct	gatgcactgg	gcgacacaga	cgggcgacac	480
agacttggag	acatcatgct	aagtgaaaag	ccaggcacac	ggagcggacg	gggtgatcct	540
gctcacgtga	tgtgtcccga	atgggcacnt	tcagagggga	agaanggaga	tggcgcttga	600
cngtgnccgg	gacnggggtt	gggagcgacc	gggtgttggt	ttngggtttc	tttctnnggt	660
gaaggaaatg	tttttgatat	tggggccgtt	tgggtgatnt	ttgcattacc	ctttgaatat	720
gcttanaacc	cnctagaaat	tgnnacactt	tttaaantgn	ttggaaatt		769

<210> 3206

<211> 749

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(749)

<223> n = A,T,C or G

<400> 3206

tggtctaata	ctaggtntac	tcgccttttg	caggatctna	tcgattcnaa	ttcggcacga	60
ggggtccttg	tgggagtnnc	atncagcagn	ganngcattc	tttcncaca	ncagtnaacg	120
gtcttattaa	nagccaccac	tttntgang	cctgtacagg	ccttgnggt	tngnggaaca	180
gaaatnncgc	aggcacttgt	accttcaagn	anggacttgt	gcctnactgn	nagggttggc	240
gttgaccttg	gctcnacnga	catacccant	ctgacttnna	acngncncgt	ctnagcttac	300
gctagactgc	acnnccaagn	ttgcangcct	nttntgnctt	ccctgcattn	accaatgaca	360
gtacgaccaa	cagtcaanga	aaagtgccaa	gatatatcta	tcccatttct	tctacacctg	420
tanattcctn	actatgctca	aactatgtgg	ngcaangaan	actggnngac	atttttagtc	480
aatgatgctg	acaattaatt	actggtgngg	ccaggcatat	nttcacggct	gcttgtgatg	540
ccaacnaaga	acgggcccc	gcccacctt	actcctngnc	cccaaanaga	tccagtngna	600
atgggaagct	gnnannacca	acccaactnn	tgatttacca	ccaacncaa	anatcacgca	660

tgnnnacagc	aaaacaacaa	cncnatgcac	ttaacaagna	nccnaaaant	naactcgngc	720
ctctaaaact	attngggant	cctttanct				749

<210> 3207
 <211> 848
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(848)
 <223> n = A,T,C or G

<400> 3207						
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annctgggng	ntcgcaactc	nctcnanaca	gnaaggncgn	gggctttgct	ctctccattc	120
caagttgntc	tctgttctag	aaagcagatg	tagtagacat	ctactgttgt	tgcttgaaca	180
gaatcccttt	gtcctttttt	tgntaaaagt	actcatccct	aatattcatt	gtntctggaag	240
gactgaaaat	acagaactca	caccatgatc	ggccgggaca	atcagattat	ttcattccnc	300
agcaaacgga	gatcganccg	aaaagtggaa	anatgagcnc	ttctttggng	ttggcatatg	360
gaccctgaga	gaaagaactn	tnattntttc	tcttggaactg	caataaagta	tagctgccta	420
aaatacgntt	cctgacactt	ggaggnttgt	ccacaatcgg	ngaaataaag	gcgagaccgn	480
acactggatg	aaaaaaaana	gnnnccngnn	gaanaccac	tnnnccannn	nccnnnccnn	540
tncnccanng	nnganccnnn	tanccgnnan	naggccnnng	cnntngcnc	nnngccnnnn	600
nnnnnngggn	aaaccnnnn	gnnnnncnnn	nnnnnnnncn	nnnnnnnnnn	nnnncnnnng	660
nnggnnctnn	nnnnnnnnnc	cccnnccncc	cnncnccnnn	nggnaanncc	nnnnnnnnnn	720
annnnngggn	nnnnncnnnn	ccnnnnnnnn	cannncnnnc	cnnnnnnggn	nnnnnnnnnn	780
nnnnnnnnnn	ncnngngnnn	acnnnnngnn	nnnnccnnnn	nnnnnnncgg	nnnnnnnnnn	840
nnnncccc						848

<210> 3208
 <211> 770
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(770)
 <223> n = A,T,C or G

<400> 3208						
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cgaaactcgt	cnannagnaa	ggccgggnga	attcggcacg	aggccccgct	ccatgagcag	120
tgactcccca	gctcctcctg	gcaccagtcc	ccagggtctt	cctgttggtg	gttcctgctt	180
ttcttcttgg	aaattcctcg	tggaacctcg	gatctttacc	ctaaaatagt	tctgttgaat	240
ttcacctctg	caatgtaaat	tgatagctta	tcttcacaga	tgccagacaa	tggaactc	300
accatcagtc	ctctgctcac	ctgagacaaa	tgcatgtctg	attgcttcct	ctgccctatt	360
ggntatgtga	aaatgcagat	tactgagcc	agactaaggc	atcagtgact	ggcctctac	420
ctgcctctca	catggagatt	gggtattcag	tgaaaggctg	atcaaagacc	caaaggaatg	480
caacagttta	tctcttatct	acctatgacc	tgcganctgc	caccaccccc	agntggngcg	540
cctttccaga	cagaaccagt	gtacatctta	cacgtattaa	atngatgtcc	cnggggctcc	600
cnaanangna	tcaacaagc	ngggcctcga	ccaccttggg	cacatatccc	nanggacatc	660
annctggagg	ctngngncac	tggcattggc	cctnaccctn	ggcaaaaataa	accttctaaa	720
attggnaaaa	aanaaanaan	aaaaacctng	nnccctntna	naacnntacg		770

<210> 3209
 <211> 727
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(727)
 <223> n = A,T,C or G

<400> 3209

gtgatctttn	tgagtggggg	ccntnctngc	tctannan	aggttngng	ggctagcgat	60
ttctacctgc	gctactacgt	agggcacaag	ggcaagtttg	ggcacgagtt	tctggagttc	120
gaatttcggc	ccggacggaa	agcttagata	tgccaacaac	agcaattaca	aaaatgatgt	180
gatgatcaga	aaagagctta	tgtgcacaag	agtgtaatgg	aagaactgaa	gagaattatt	240
gatgacagtg	aaattacaaa	agaagatgat	gctttgtggc	ctccccgat	agggttggcc	300
gacaggagct	tgaaattgta	attggagatg	agcacatata	ttttaccaca	tcaaaaatag	360
gttctcttat	tgatgtaaat	caagtcaaag	gatcctgaag	gccttcgagt	attttactat	420
ttggtacaag	acttgaaatg	tttagttttc	agtcttattg	gattacactt	caagattaaa	480
ccaatttaaa	ttgtatgttt	tcaagctggt	tgnatattta	attaaagggg	tgggaagggg	540
ttatttgtca	tttacagtat	tggggtttta	tgaatgtgaa	gcaacaaaaa	aaaattnnaa	600
tgtaaaactg	gaaaaatagga	aaattcatta	ncagcttaat	gggtatcctt	acttgatncn	660
ctgggttttg	aagtcaccac	acacattaaa	tctgtaatga	aancnctttt	ggttaaaatt	720
tctctat						727

<210> 3210
 <211> 744
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(744)
 <223> n = A,T,C or G

<400> 3210

gnngctance	tttctatta	nnttgganct	ntnttctntc	tncangtanc	nnntgcnctg	60
ncgaattcgg	cacgaggatt	ttcgaaactc	ttcagctact	tgcccttttt	tatctgaaac	120
catcatacct	tctgaaagaa	aaaagcatat	cttcattgac	ataacagaag	tgagatggcc	180
cagtcttgat	acagatggta	ccatgatata	tatggagagt	ggcattgtga	agataacatc	240
tttagatggg	catgcatacc	tctgcctgcc	cagatctcag	catgaattta	cagtacattt	300
tttgtgtaaa	gttagccaga	agtcagactc	atctgcagtg	ttgcagaaca	aataataaag	360
ccccaaaaga	taaactagtt	gaaaaaactg	gcaaaatctg	tatacgtgga	aattttaccag	420
gacagagact	gaagaataaa	gaaaatgagt	ttcattgcc	gatcatgaaa	tccaaagaaa	480
ctttaagaa	gatgagttgt	gtaaatggaa	ctgaagggag	ggaagagctg	ccttcgcctg	540
gtacaaagca	cacatgtgta	tacacatggg	tcaagcagtg	ctggctctgtg	gctgcctgtc	600
cagangaatg	gaaatatcct	ttgncttttag	cacttcattt	tcataataaa	atcagcaatt	660
tgtctaaaaa	aaaananana	aaaaaaactc	gagccctnta	naactntngt	gaggccnant	720
tacgttgaat	ccagacntga	ttat				744

<210> 3211
 <211> 753
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(753)
 <223> n = A,T,C or G

<400> 3211

gtntngnnng	nngttnnatt	atatggntcg	nctnnctcna	nnancnangc	ttngnctgac	60
aacttgattg	ggttctcctt	caggtttgaa	gcgcctcna	gaagtgtcta	aaggagacag	120
ttgatagcca	aacaacagtt	ttggattcac	tgactgatta	tgaaagaagc	agtagactgg	180
tatcaagaat	cagtcagcaa	ggaggccctc	accagacgcc	agtgccatgt	tcttgactt	240
ctcagcctcc	atattcatga	actaagtttt	tggaaatcctt	aggcttcac	gtgtggaaag	300
cctgagctaa	cctactggag	gatgagccat	cacctggagc	agattcaggc	catcctagtt	360

gaagcctccc	taggccaagc	aaccgtccaa	ctaccagaca	ttgaccattc	agccttgaac	420
attcagcaca	aagacaaaac	agaccagacc	agaagagtc	cacagaatag	gggaaactat	480
tcagagaaaa	cttaagccac	taagttttat	ggtgttttgt	tctttagacc	agaagcatag	540
gcatactggc	caatacaaac	cgaaatcctt	ctaacgtant	ggaccctttt	caggccagca	600
ttttttccct	tgaaaacctg	ggagccttgt	attccatcct	attagcagaa	gatcactttc	660
accaatgggt	tggtctcttg	atttgggaatt	gatgatgtaa	tgagcctnta	ttcnaatagn	720
gacttaatac	ctctgcgaat	tgactggatt	ccn			753

<210> 3212
 <211> 763
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(763)
 <223> n = A,T,C or G

<400> 3212	
ngggtgnnnn	60
tcgttctttc	120
tgaaaaatca	180
tgtgtttaca	240
gatcggtttt	300
attccccttg	360
caatgatgat	420
cacaaaccca	480
cctctgggga	540
gtagacaagt	600
ttagataaga	660
aggtcccaaa	720
ntgacagcag	763

<210> 3213
 <211> 819
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(819)
 <223> n = A,T,C or G

<400> 3213	
gnagnnccgn	60
angannnnnt	120
ccattcctgc	180
atgcagacaa	240
cgtgcacaca	300
cgcagcagc	360
atacacacac	420
ccaccttcca	480
tggtgaacc	540
gcaggtccag	600
ccggtggttc	660
attcacaag	720
aaccctgggc	780
gggcaagggc	819

<210> 3214
 <211> 819

<212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(819)
 <223> n = A,T,C or G

<400> 3214
 gnagnnecgn ttcttatgat cgtggctnct cntctanngg ttgtgtaatg ctnggtcnnc 60
 angannnnnt gcganncgaa ttccggcacga aggggggttc ccaatagtag aaaaggggtcc 120
 ccattcctgc tcagcaccgc acctctctac cccccacag acacacatgc agacacacac 180
 atgcagacaa cagcgagaca cacacatgca ggcactcaca tgcaggccca tgcaacacaca 240
 cgtgcacaca catgcagaga catgcagaca cgcaggcaca catgcacaca tgcaaagaca 300
 cgcatgcagg cacacgcaga cgcacacaga gacacacatg cagatcacat gcacacacac 360
 atacacacac tggcccctgt ttttctgtgg tgtcactggg tgccagcaac tcggtatctn 420
 ccaccttcca ctaaaacctg ggccttaatt tctctccgt cccacccct aaattcctga 480
 tggatgaacc tagagctgtc ctgtccactc caggccggac tgacgtancc tatgggcccc 540
 gcaggtccag ggcccacgtt ttaatttctt tttnaaaagc tttaggtctt ggccnggccg 600
 ccggtggttc acgccttggg agttcccagc atttttnggg aaggccnaag gccgggttgg 660
 attcacaag gtcaagcaag tttcaaggaa ccaagccttg aaccaggcca ttgggtgagg 720
 aacctgggc ttnttactng ggnaaattcc caaaaaaaaaa ttggccttgg gccnaagggt 780
 gggcaagggc acccttgttg ggggtcccaa antttacct 819

<210> 3215
 <211> 844
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(844)
 <223> n = A,T,C or G

<400> 3215
 nggnnnntnn nnnnnatncc ntgatcgtgt ntcgttcttt ctncaggatn nnntcgtttc 60
 gaattcggca cgaggaaaag ggagccgcgc agngcctacg ggagtnccgc ggcagcagcc 120
 ggtaccggca accacgggca gctctcaggg aatctccgtc gttgaggcca naggctccag 180
 tcccgcgag tccagatgcc tgtccagcct ccaagcaaag acacagaaga gatggaagca 240
 gagggtgatt ctgctgctga gatgaatggg gaggaggaag agagtgaagga ggagcgganc 300
 ggagccaga cagagtcaga agaggagagc tccgagatgg atgatgagga ctatgagcga 360
 cgccgcancn agtgtttcag tnagatgctg gacctggaga agcagttctc ggaagctaaa 420
 nggagaagtt gttcaaggga acgacttgan tcanctgccg gnttgccgct tggaaggaaa 480
 ntgggggggc ttgaanaaga agcccctgga atnccaccgg aagcccctt ttgggggggg 540
 gccttgcaaa ccgggaancc ctttnaaagg aatttcngcc antttcaang gttgggcca 600
 ggggaatcnt accnaagggg ctttctnggc cttggnatgg tgaatccang gnaaattaag 660
 gtncccaatt gntgaancct tccaanggga ancccaaacc agcaccttg naanaagttg 720
 agaaaacttg cttgcntctt ntgacacccc tcnaggggg aacttcaagg aaccggttcc 780
 tnaggcttgg aaggaggacc cccanancct tggancctaa attnttaaatt gggtnggacc 840
 accn 844

<210> 3216
 <211> 753
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(753)
 <223> n = A,T,C or G

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<400> 3216
gtntngnnng nngttnnatt atatggntcg nctnnctcna nnancnangc ttgngctgac      60
aacttgattg gggttctcctt caggtttgaa gcgccctcna gaagtgtcta aaggagacag      120
ttgatagcca aacaacagtt ttggattcac tgactgatta tgaaagaagc agtagactgg      180
tatcaagaat cagtcagcaa ggaggccctc accagacgcc agtgccatgt tcttggactt      240
ctcagcctcc atattcatga actaagtttt tggaatcctt aggttccac gtgtggaaag      300
cctgagctaa cctaactggag gatgagccat cacctggagc agattcaggc catcctagtt      360
gaagcctccc taggccaagc aaccgtccaa ctaccagaca ttgaccattc agccttgaaac      420
attcagcaca aagacaaaac agaccagacc agaagagtc cacagaatag gggaaactat      480
tcagagaaaa cttaagccac taagttttat ggtgttttgt tcttgtagcc agaagcatag      540
gcatactggc caatacaaac cgaaatcctt ctaacgtant ggaccctttt caggccagca      600
ttttttccct tgaaaacctg ggagccttgt attccatctt attagcagaa gatcactttc      660
accaatggtt tgggtctctg atttggaatt gatgatgtaa tgagcctnta ttcnanatgn      720
gacttaatac ctctgcgaat tgactggatt ccn                                     753

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<210> 3217

<211> 754

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(754)

<223> n = A,T,C or G

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<400> 3217
ttggantctt ctengaaacn cttnngcnatt gcnctntctg naggatccca tcgattcgaa      60
ttcggcacga gggttcttcaa agccaaccaa gacaggcttn tnagtttttag agcttcagaa      120
caaattgcc aagccagag ttgtttatgc tagtgcaact ggtgcttctg aaccacgcaa      180
catggcctat atgaaccgtc ttggcatatg gggtgagggt actccattta gagaattcag      240
tgattttatt caagcagtag aacggagagg agttgggtgc atggaaatag ttgctatgga      300
tatgaagctt agaggaatgt acattgctcg acaactgagc tttactggag tgaccttcaa      360
aattgaggaa gttcttcttt ctccagagcta cgttaaaatg tataacaaag ctgtcaagct      420
gtgggtcatt gccagagagc gggttcagca agctgcagat ctgattgatg ctgagcaacg      480
aatgaagaag tccatgtggg gtcagtctctg gtctgctnac cagaggttct tcaaatctta      540
tgcatagcaa tccaaagtta aaagggtttg tgccactagc tcgagaggaa atcaangaat      600
ggaaaaatgt gttgtaattg gtctgcantc tacaaggaga agctangaac atttagaaag      660
ctttggaaag aaggccgng ggagaaattg aatgattttt ggtttcaact nccaaaaggt      720
gtgttgcnc tcccttcttg aaaaaacatt ttct                                     754

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<210> 3218

<211> 761

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(761)

<223> n = A,T,C or G

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<400> 3218
tggtgcccgt tcttantctg ngctctcgtc ttccttctta tacctgggca ncncttggcg      60
gcccncaggn tcccangnag ccnngcngng ncngattcgg cagcagattc caaagggttc      120
aaagaacttg gtcataaata tgataatgag aagacaaagt atttatatta aaacagttta      180
gtagccttca gttttgtgaa aaatagtttc agcacagaaa ctgacttctt tagacaaagt      240
tttaaccaat gatgggtgtt gcttctagga tatacacttt aaaagaactc actgtcccag      300
tggtggtcat tgatggcctt tagtaaattg gagctgctta atcatattga tatctaattt      360
cttttaacca caatgaattg tccttaatta ccaacagtga agcactacag gaggcaactg      420
tggcattgct tccttaacca gctcatgggt tgtgaatgt ataaaattgt cactcagata      480
tattttttaa atgtaatgtt atataagatg atcatgtgat gtgtccaaac tatggtgaaa      540
agtgccagtg gtagtaactg tgtaaagttt ctaattcaca acnttaattc ctttaaaatn      600

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cacanccttc tgcctctgna tttggaagtt gtcagtncaa ctcatcaaag aaaactgcct	660
aatntnaaaa tcatattntg ggaataattt ccctcttttg tagtctgccc aagatcctta	720
aagattggat ttttattact atttaaacca gtggattaat n	761

<210> 3219
 <211> 813
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(813)
 <223> n = A,T,C or G

<400> 3219	
caaaaanccct tttgnaannn nccnnagnnn tttnatnncc tnnttgcaaa tngcttggt	60
actcgttcct tctgcaggat cccatcgatt cggaattata gtattgacgt gaatcccact	120
gtggtataga ttccataata tgcttgaata ttatgatata gccatttaac aacattgatt	180
tcattctgtt taatgaattt ggaaatatgc actgaaagaa atgcggccca tttagaatag	240
ctcgtgttat ggaaaaaagt gcaactgaatt tattagacaa acttacgaat gcttaacttc	300
tttacacagc ataggtgaaa atcatatttg ggctattgta tactatgaac aatttgtaaa	360
tgtcttaatt tgatgtaaat aactctgaaa caagagaaaa ggtttttaac ttagagtagc	420
cctaaaatat ggatgtgctt atataatcgc ttagtttttg aactgtatct gagtaacaga	480
ggacagctgt ttttaaccct cttctgcaag tttgttgacc tacatgggct aatatggata	540
ctaaaaatac tacattgatc taagaagaaa cttagcctgt ggagtatata gatgcttttc	600
attatacaca ccaaaaatcc ctganggaca ttttnangca tgaatattaa acatttttta	660
tttcaagtaa ccttttcccc ctgtgtaaag ttactatggg ttgggtggnac naactttcat	720
tctatagnat attaagtggg aaagtngggg gaaattctac ntthttatggg tnggagtggg	780
cccaatgtct atcaaggagt gnacaaatta ann	813

<210> 3220
 <211> 776
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(776)
 <223> n = A,T,C or G

<400> 3220	
taatgctggg tactgccctt caaatcccttg caatcccttg gnaancggnc cngcngaccc	60
atcgattcga attcggcacg aggttatatt aaattattct ttgntnttct ttgtctttta	120
ataaagcctg caagttacta aattgnagtt ncataaattc thtagtnaag tatcatcttg	180
gcagngtgcc aaaggtgaaa angntgcttn ctctaacaga gaaattctta gngactccag	240
tcgtanaaaa acgtctttac aacctgaata agatnganga attgngaaca taccatggcc	300
tattggatga atcatttgcc gngggctana ncagactgta gggtttgatg tggatntatg	360
gagtatgtgg gtatagaaat catgaatntn ccatttggnn ncagagattc aagcntanac	420
ttaatgggta gatcataaat gacagaatga attcaaaacc tagcacgtgc attgtaaattg	480
tgtgcccaga tatgnttttg aaatggcagn tccttggggg catgnttcta ctggcaaaat	540
ttgctatagn gnnactattg nantgtaatt ataaaattna tcannattat ncaccgattn	600
gccaaagtaaa ctgtactgtg cataggaatt ttgggaattg tgcanaaatt ggatcaattg	660
aanttnagaa cngatgtctg ggcttaaaaa tttatcnggg accacnnatt angaaactna	720
catntttcgg ngctgaggtt cattgnccaa ggccangaag gtntttncgg aaaanc	776

<210> 3221
 <211> 715
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(715)
 <223> n = A,T,C or G

<400> 3221
 ctgctgtcaa ggcttgaaga gccggcacac tcaatggcaa acacangcac cgagtctgct 60
 ctgaatcctg gaggatctgg ccctcctctc aacccccact cacagtcacc gtcttacaac 120
 tcagggccac ctgggatcag tcatcagtcg ggggtgcgtaa gccttgaata ccaggtagcc 180
 tcaggagtga aaagataaat gtcctagatc attaccttat tcagtgtccc caccttgagc 240
 cgcattccaa ccacctggga gcatttaaaa ctccagatgc ccacaccaca ccctggggcc 300
 acccatcaga ccttctggaa gcaagacctg ggcctccatg gccccaaaaa ctccctaggt 360
 gatccgatgt gcagccaaat ctgagaggcc ccatttnaaa aaganagaac atgggtggta 420
 cattgaggag tatttacatt ttataaaatg acttaaaaat ttnaaggcat tttttgagca 480
 tttncatta tatggaagna gttactttta cggaaatagtt nttgctcatg gaactcanaa 540
 cagatgaagc accactgtta cagaattaat gtgctccaga atgaaaatgg tctcgtttct 600
 ngtgaatttc aatggaagaa gcncnacatt tcctnaagaa ttcttttgag cccagtaatt 660
 cantcctggc tcaaaaaaan gntnnttngg cattttccta acatctggac caaag 715

<210> 3222
 <211> 715
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(715)
 <223> n = A,T,C or G

<400> 3222
 ctgctgtcaa ggcttgaaga gccggcacac tcaatggcaa acacangcac cgagtctgct 60
 ctgaatcctg gaggatctgg ccctcctctc aacccccact cacagtcacc gtcttacaac 120
 tcagggccac ctgggatcag tcatcagtcg ggggtgcgtaa gccttgaata ccaggtagcc 180
 tcaggagtga aaagataaat gtcctagatc attaccttat tcagtgtccc caccttgagc 240
 cgcattccaa ccacctggga gcatttaaaa ctccagatgc ccacaccaca ccctggggcc 300
 acccatcaga ccttctggaa gcaagacctg ggcctccatg gccccaaaaa ctccctaggt 360
 gatccgatgt gcagccaaat ctgagaggcc ccatttnaaa aaganagaac atgggtggta 420
 cattgaggag tatttacatt ttataaaatg acttaaaaat ttnaaggcat tttttgagca 480
 tttncatta tatggaagna gttactttta cggaaatagtt nttgctcatg gaactcanaa 540
 cagatgaagc accactgtta cagaattaat gtgctccaga atgaaaatgg tctcgtttct 600
 ngtgaatttc aatggaagaa gcncnacatt tcctnaagaa ttcttttgag cccagtaatt 660
 cantcctggc tcaaaaaaan gntnnttngg cattttccta acatctggac caaag 715

<210> 3223
 <211> 786
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(786)
 <223> n = A,T,C or G

<400> 3223
 ttgtgaancc cttttganac ccntttgcta cttgtctctt ttgntggatc ccacgatgc 60
 gaacgttccc ccgtacata gtctttcttt tgtgttattt agtttaccat ttcttttttc 120
 catcttggtta taacctccac gagttgtgtc tcttttggtt tctacattat acccaacggc 180
 tagcacataa caggcaccca atatatactg aacgaactaa ggaatgaatg aaggaatgaa 240
 tgaatagggt gcttatagga aacccctggg gccagggact ctgcaacatc accatgtaac 300
 tttttctttg tgctgagaag cagagagaaa caatagaaga tatctcttaa tctctcaagg 360
 atgctactcc caggactgct tgcaatttcc gaggagataa gccacaagtt acagaaagga 420
 agcagctgtg tagggcctgc aagtttcctg ctgcaagtca ccctatgttc agaagttacc 480

ctggctgggc	caggcatggt	ggctcacgcc	tgtaatccca	cactctgggg	aggctganc	540
aagtggattg	cttgagtcca	ggagttttga	gaccagcctg	ggcaacatgg	agaaacccca	600
tctatcaaaa	aaattanctg	ggtgtgggtg	catgaagcct	gtaataccca	gcttccttgg	660
gnaaggctta	angtgggnag	aaatnaccct	gancccccang	gggggtcaaag	gctgntnntt	720
aagccaagat	cacngccnac	tggaccttna	agccctnggg	caaaccnna	attnagancc	780
ctntct						786

<210> 3224
 <211> 769
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(769)
 <223> n = A,T,C or G

<400> 3224	
ggatctttta	tncctttgna atccccctnnc tttggcnaat cgcccgaatt cggcacgaga 60
gttggagaac	attatgctgg agagagnttt tnaagaaagg gagatgttgg aaacttcnca 120
agctgctgct	ctgtttctgc ccaaccgcat ggtgcctgga cctgactaca attcctacaa 180
aagtgcctac	agccccagcc cagtgggaacc accaagcaag gacttctgta attntttgcc 240
cacctgcctt	gatttaacca tgcagtattc agggctctggg aatatggaac taattttctt 300
taatgtcagc	gtggccacaa cttatagaca gtatcccttg tcctcaagat ttttaagttt 360
ggcccaagtg	tggccccatt agcgacaccc tcctctacca gcaatgcctg ctaaagtcca 420
ccacctcagt	tcaagccctg aagcctgggg ccagctggga cttgaaggga gcacgagtc 480
aggatggact	cagtgcatag caggacatga tgccatnnaa attggaagg tccctgggtg 540
tgctcacac	ttcctgagat ccagaccacn agaaagtgc cttcanggtc atcangctgt 600
cccagagagg	tccgcgttnt tccnaccctg accgggaatt tctcttccca ttgttgacac 660
cngacttccn	tggcancttc aaaggggcat tntcttaacc gaagattcan nnaaanctaa 720
acaccanngc	acccttttgg cnacttaanc cattaaatcc aattccnnc 769

<210> 3225
 <211> 915
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(915)
 <223> n = A,T,C or G

<400> 3225		
gnggaggggn	gggaagnggg gngcagnnnn ncnaaaacnn nngcacanca ancncnnang 60	
aacncnnnca	gncncnncg nanacancaa ngngnaaccc tttcaaancg cttggcaaatt 120	
cgncncgct	gnaggaccca cganncgac ccagccnct cctccaacgc cctnnngatc 180	
caagatngag	taagagacat nggcagatgc ngagaaggnc aacccaatng tnnnaacttg 240	
cagaccgagg	gggagatggg ntncagtctg cacatgactc gagcacagnc cccccacccc 300	
accngactt	aaaaaatcca aaccgactac aagaccagaa acaaaccaca tgccagtcgc 360	
ccccttgact	gtacacacat gnggagnnca gagccacca tngagagagg ctgctcagct 420	
cagcacctg	ngcanggctt cctagaacta nncagancg ggggannccn tancccgtat 480	
tcnnggnagc	tgacnacagg atgcacgnag tgaaaccan gggtagggg agaggacca 540	
ccctggnaaa	aagccacgta aaatggnaacn ancnnccan ggcanccang gncnactac 600	
antcncnagc	acctccgngn cncaanccgn antcngaga aanngnntan nncncangag 660	
nnncccggn	nnncgnaatg gccagnnaag ctgnnnccn cnggaacnag nnaacgnnnn 720	
ggcntatcca	nngtcgacnc ctncnggnc gccanctccc aaangncncg aacgaggcnn 780	
ngncagaana	nctctgttaa aagaacaccg ancaggcnaa ggccnccact tganannctt 840	
cnaggnancc	gggnnggaga aanctnanaa ngantatnan actnggnaac nnnnanagcc 900	
tctaaaaaaa	aaccg	915

<210> 3226

<211> 769
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(769)
 <223> n = A,T,C or G

<400> 3226
 agnntnnttn nnnntataaa ncctntggaa ctncctcttt nngttgatcc catcgantcg 60
 aattcggcac gaggcaaggt tgtgacattg tcactttttt gttctagact ctttttaaatt 120
 ttctgcattt gcctgaaaag cacccttgta agaatagatt tctcatggct ctaaaaatta 180
 ttcccaagaa tncctactt ggttcaaaag cagactgttt ctcttcattt catctcaaat 240
 cagacttctg ggcaagatgt tcttttagagt aagcaaacct acaacctaaa aatctcttca 300
 agaggcatct ctggtcttgt gacaagacct cttcaaaaac ccacagtaaa actccctcc 360
 ctccagttgg ccaccagtct gccaccaaac atgaâcaaat tctgctgcta atcgggtttcc 420
 cttgtgatct ggttctcgag gtcttcggat ctgtgcaatg aattatttat tgnnttatta 480
 aaccgacagt ggtgtcccag agaggaacca taaataaaat ggaaatctgg tgctgtgata 540
 aagtaataac tagcattaat gagacctggt tttcctttca gaaagtccag tataacctgta 600
 acaaagggtta aagcaattta tatTTaattt gcattctgat gttacattt aaacagcaat 660
 tctncaaaaa aatgcatcga gtctaattct tacctctatc aaaaaacaac tgnntaaatt 720
 tatgaccaac atttaaacna aaaccaaâat ggaaaatttt cttttttnn 769

<210> 3227
 <211> 778
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(778)
 <223> n = A,T,C or G

<400> 3227
 atcnatccnt ttctttatag cttngttntct ngttctntct gcaggatccc atcgattcgt 60
 tagtgtactg gatgtcaggt ccctcaaaga ttccttggaac cattttcatg tgaatgaaga 120
 agaaatcaat tgtctttcat tgaatcaaac ggaaaacctg ctggcttctg ctgacgactc 180
 tggggcaatc aaaatcctag acttggaâââ caagaaagt atcagatcct tgaagagaca 240
 ttccaatata tgctcctcag tggtttttcg gcctcagagg cctcagagcc tgggtgtcatg 300
 tggactggat atgcaggtga tgctgtggag tcttcaââââ gcccgaaccac tctggattac 360
 aaattttacag gaggatgaaa cagaagaaat ggaaggccca cagtcacctg gtcagctctt 420
 aaaccctgcc ctagcccatt ctatctctgt ggcttcgtgt ggtaatattt ttagttgtgg 480
 tgâacaagat ggtaagggtc gaatctttcg ggtgatggga gttâagtgtg aacaggaact 540
 gggatttaag ggccacactt cangggatc ccaagtctgc tttctnccag aatcctattt 600
 gctgcttact gganggaatg atgggaagat cacgttctgt gatgcaaaca gtgaaanttg 660
 agââââââââ cagaagaagt nccacâââââ ccgtaccncc caggaaggaa aaccctââââ 720
 ananggaacc ttgcaccnna nccngggntn ggââââatacc taaccnnttt nntnacct 778

<210> 3228
 <211> 813
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(813)
 <223> n = A,T,C or G

<400> 3228
 caaaanccct tttgnaannn nccnnagnnn tttnatncc tnnttgcaaa tngcttggt 60

actcgttctt	tctgcaggat	cccatcgatt	cggaattata	gtattgacgt	gaatcccact	120
gtggtataga	ttccataata	tgcttgaata	ttatgatata	gccatttaac	aacattgatt	180
tcattctggt	taatgaat	ggaaatatgc	actgaaagaa	atgcggccca	tttagaatag	240
ctcgtgttat	ggaaaaaagt	gcactgaatt	tattagacaa	acttacgaat	gcttaacttc	300
tttacacagc	ataggtgaaa	atcatatttg	ggctattgta	tactatgaac	aatttgtaaa	360
tgtcttaatt	tgatgtaaat	aactctgaaa	caagagaaaa	ggtttttaac	ttagagtagc	420
cctaaaaat	ggatgtgctt	atataatcgc	ttagttttgg	aactgtatct	gagtaacaga	480
ggacagctgt	ttttaaccct	cttctgcaag	ttgttgacc	tacatgggct	aatatggata	540
ctaaaaatac	tacattgatc	taagaagaaa	ctagccttgt	ggagtatata	gatgcttttc	600
attatacaca	ccaaaaatcc	ctganggaca	ttttnangca	tgaatattaa	acatttttta	660
tttcaagtaa	ccttttcccc	ctgtgtaaag	ttactatggg	ttgggtgnac	naactttcat	720
tctatagnat	attaagtggg	aaagtnggg	gaaattctac	nttttatgg	tnggagtggg	780
cccaatgtct	atcaaggagt	gnacaaatta	ann			813

<210> 3229

<211> 818

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(818)

<223> n = A,T,C or G

<400> 3229

gnnnnnntt	nnnnnttgc	aaatnccttn	gnaaannncc	nagnnntttn	anncntnttt	60
tcnaatnctn	ggctactngt	tctttttgca	ggatcccatc	gattcgaatt	cggcacgaga	120
gnaatcaata	tcttgaaaat	ggccatactg	cccaaagtaa	tttgtagggt	cagtgtctata	180
cccatcaaac	tatcattgac	tttcttcaca	gaattagaaa	aaactacttt	aaatttcatn	240
tggaaccnaa	aaaagagccc	atatagccaa	gacaatccta	agcaaaaaga	acaaattttg	300
aggcatcatg	ctacctgact	tcaaaatata	ctacaaggct	acagtaatga	aaacagcatg	360
gtactggtag	caaaagagat	atatagacca	atgaaacaga	acagaggcct	cagaaataat	420
gccatacatc	tacaccatct	gatctttgac	aaacctgaca	aaaggaatgg	ggaaaggatt	480
ccctatttaa	taaatgggtg	tgggaaaact	ggctagcctt	atgcaggaaa	ctgaaactgg	540
acccttccct	tacactttat	acaaaaatta	actcgattca	ttaaagactt	aaaagtaagt	600
tctcaatgta	taaaaaccct	ggatgaaaac	ctaggcagtc	cattcaggac	atagcatggg	660
caaatacttc	atgactaaaa	cacccaaagc	aatgtcaacc	aaaagccaaa	attgacaaat	720
gggatctaac	ctaaactaaa	aaacttgggtg	tgcagtttta	ttttgggant	gtgtgtgggg	780
gtacctctga	gttttcaaaa	aatgaagaaa	gtaagtcc			818

<210> 3230

<211> 789

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(789)

<223> n = A,T,C or G

<400> 3230

gnntgaannc	ccttngnntt	caaangatt	gttactngcc	ttntgcagga	tccctcgatt	60
cgaattcggc	acgaggatag	cttaaagcaa	gtttacaagt	aattaaaatg	gacagtttgc	120
cattaaagat	ttttaatagt	ggttttgcag	tgtactggct	tgaattttct	ggacttgagt	180
taactgaagg	agagcctcaa	acnntagtaa	cttcattttt	aaaagtact	agaatttgggt	240
atcctgattt	atattgcagt	gtttcaaagg	tgtcactgtc	agacaaatag	aaacactgcc	300
aacttgggtg	aacttaagct	ttcatttaac	taaaacattc	ttttcttgca	aaacttattt	360
ttcatgatca	tttttggtta	tttattatac	ttgattccaa	aatagtacag	ccttgaatct	420
ataaaactgt	gcagtcatta	tgccagaaat	tatcttaa	atataatggg	tcaccttgct	480
gttcaaagg	tgggtgcaagg	tcctgcagca	tcttacatct	gtagcttggt	agaaatgtaa	540
actctcaggc	cccacaactt	acttcttgca	ttttaacaag	atccccaagg	gatatgtatg	600

ctcataaaaa	atthttgagac	actgggtttaa	atggaaaatg	gatataagggn	atgtataaact	660
gggggggtggg	gtgagggtag	gaaggcattt	accaactnag	atthttattta	ttthttgaaat	720
taatcaattg	gnthtaaattcc	taattttattt	acccaaatag	gggtctthtta	aaaaaatatt	780
ttthttattcc						789

<210> 3231
 <211> 789
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(789)
 <223> n = A,T,C or G

<400> 3231						
gnthgaannc	cctthngnntt	caaathngatt	gttactngcc	thntgcagga	thccctcgatt	60
cgaattcggc	acgaggatag	ctthaaagcaa	gtthtacaagt	aattthaaatg	gacagthttgc	120
cattthaaagat	ththtaatagt	ggthtttgag	gttactggct	tgaattthtct	ggacttgagt	180
taactgaagg	agagcctcaa	acnntagtaa	ctthcatttht	aaaagttact	agaatttggt	240
atcctgattt	atattgcagt	gtthcaaagg	gttactgtc	agacaaatag	aaactgtgc	300
aacttggtgt	aacttaagct	thcattthaac	thaaacattc	ththcttgca	aaactthattt	360
thcatgatca	ththtggtta	ththattatac	thtgattccaa	aatagtagac	ccttgaaatct	420
ataaaactgt	gcagtcatta	tgccagaaat	tatctthaaat	atataatggg	thcaccttgct	480
gtthcaaagg	tggtgcaagg	thctgcagca	thcttacctct	gtagcttggt	agaaatgtaa	540
actctcaggc	cccacaactt	actthctgca	ththtaacaag	atccccagg	gatatgtatg	600
ctcataaaaa	atthttgagac	actgggtttaa	atggaaaatg	gatataagggn	atgtataaact	660
gggggggtggg	gtgagggtag	gaaggcattt	accaactnag	atthttattta	ttthttgaaat	720
taatcaattg	gnthtaaattcc	taattttattt	acccaaatag	gggtctthtta	aaaaaatatt	780
ttthttattcc						789

<210> 3232
 <211> 766
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(766)
 <223> n = A,T,C or G

<400> 3232						
ggnthtthnaan	nngctctact	gaatgccttht	ggaaaggccc	ccatcgthttc	gaatnccggca	60
cgagctthtag	thcagataaa	ggaaacatcc	aaaaatactg	agattagtaa	aattthtattc	120
aaagtaggtht	ccngctthtgt	cttgatctca	atccattcta	actcctgatg	thcattthaccg	180
tgtgagatct	thanncacaaat	catgaaaaga	atatgagcat	thtatcaaaac	thctctgacat	240
ctgtatgtht	agaaatgaac	thacacagca	aaatagatt	thcttgact	thattthattt	300
thctthaaactt	aattthctacc	thtggtgtctc	tgccagthtg	acctgattca	gacaccaga	360
actthgaataa	agaagccctc	thctatttht	attctthaatg	aatatacctt	thccccatgtc	420
cacattgagc	thccctthctg	ngtactctgt	ctaatgcagc	cacatgtcta	gtthccccctc	480
thctgtcacca	ccctcacttht	thctthtccca	thctthtact	thctthtggtgt	gacctctgt	540
aggacaacat	gccattthctg	attccccaca	cacataccct	atcattgata	cctaccctca	600
ggattagatt	ctgtctaaagt	aattthgtaga	gccatcaggc	ththnantaagt	attgggactg	660
caagtcaaca	cccattatct	catcaaaang	ggatgtgtg	thggggccag	anggagaaan	720
gagagagaga	gactthnanaga	gagangnccn	ganagagagn	aagacn		766

<210> 3233
 <211> 831
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(831)
 <223> n = A,T,C or G

<400> 3233
 gaancccttg gntttgancg catttttaaat nccttgggnt gnnccctega ttcgnnccgg 60
 cncnaggctc ngtagagatg nntcttatcc tgacntnacg aangncttaa ctgncnnntn 120
 tatggtgacn gtnnntgagg cngnatgncn nggancanan nctnaantcg aaaggnacct 180
 agtgacgann gctnecgnnt cccntngcaa actggatacg gtannngaag agggagcctc 240
 tgtgataaac gagacgagga ggaactcncn gacatatgag ctccaccacca cactaaagg 300
 actgtgcatg nctgctgacn gggttcnata gcgctcaang accagnatng acnnggacga 360
 tgagttaatg ggnactaggg cncaantgtg cgtatcanaga annttcncna agctcngcnc 420
 atccttggan aacnntttgc tttanaacan cnccttncg tgnctacnca cancctatgc 480
 nacagactnn atnacctgaa caanggttta ctcaagnnag acngnnnncc tacgnncanc 540
 ttagnnncca gggaaacnnt ntgncnttac aangtngntn nangtcctna gntgagcata 600
 cnaccagnt ggganctnct gacnagtctc ctncanactn gtcnccngag tgggaacggc 660
 caagatnaac ccnnngccaa aacttnttac gacnttggnc nnttcaaaga tcaagggggg 720
 nattaanaaa ctngaancct ntannccnnt tcnaanntn cttttgngga cnttagnana 780
 ngggntganc ccgggcnatn tntcaaaaat ccttnttant tcacennntgc c 831

<210> 3234
 <211> 772
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(772)
 <223> n = A,T,C or G

<400> 3234
 gnnntttnnn nnnnnnnntt ncaaatecgt ttggctactn ggntcttttt gcaggatccc 60
 atcgattcgc agaggctttg ctagtatcct tcaaccaatt tctagtataaa atatectata 120
 taaccataat tatcaaaaacc agaaaaacaa cattggtagg atactataaa gtactaatct 180
 tattttggat ttgacgaatt cctacatgtt tntttctttt ttagtttgta ctctaagaag 240
 ttgtattaca tgtacagatt cgtgtaacca ctgcaaccac ataaaactaa tgaacacaaa 300
 gtccctcatg ctaccttttt atgcttacac tccatccaaa cctaactctg ccaaccactt 360
 ttctcctatc agtataatct catcatttca tgaatatgat aaaaataaaa ttgtttttgt 420
 aaatggtttt tataaatctt atataaataa gttatatgaa tttttattga tagagagtat 480
 gtaagctttt ggcatttttg tcaactcagca aattactcct aagggtttata tgagttgatg 540
 aatagttgnt ttattatctt tttttaccac catgtatcta accagatgaa agttgtttat 600
 atttgagagt agtatacata tttgatgtag tagtttatcc atttcaccta tgagatatat 660
 ttgactgggt tttcctgggt ttaagtgtcn taaataaaga tgctgtgaaa tctaaaaaaa 720
 naaanaannn nnnntttnnn nnannntngn natatnataa nnnnnnnccn nn 772

<210> 3235
 <211> 790
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(790)
 <223> n = A,T,C or G

<400> 3235
 tccaaaatnc ccttggannt attccccctt ncaatacctt tccttngnac actcccngtt 60
 tngntngatc ccatcgattc gaattcggca cgaggnaaca agaaggaat gtcttcttca 120
 tgtttnggtc tatagaagac gttaaagaaa acttcagaa agtgggtttg aggcattgagc 180
 caccacgcct ggccaaagga tttaatgaat taatggatgt acagtgtctg ggctgttatt 240

ctagggcctg	cattgagact	cacattttgc	catcaaaagc	cttttaagag	gtggaggttg	300
cggtagctg	acatggtgcc	actgcactcc	ggcctgagtg	acagagtgag	actctgtctc	360
acaaaaaaaa	taatgccctt	taaataatga	ataatagtga	tagaaaatgt	catttcttgg	420
acaaatgaaa	aattgaaatt	aatgtatata	attagatatt	attagctact	cttaggtagc	480
ttcatttgtt	gaaagtttga	caagtgaatg	aagttcacat	ctggaaatcg	ttgaacattt	540
ttcgtttcatg	gaactcaatg	gctacgttag	tcgtttatgc	ttttcactgt	tgtggtaggg	600
gctttggaaa	gtnaatgcc	tcaacaatgg	atacagaang	acctggattt	ggaataaggg	660
caaaaattta	ttttgatggg	gctgaattgc	tctgccaggg	agcatttttg	gtattgagat	720
gaaaatggcc	tctctttgag	actgagctgc	cacctggcaa	attattgnct	gcttaanggt	780
tctctttatn						790

<210> 3236

<211> 781

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(781)

<223> n = A,T,C or G

<400> 3236

aanccctttt	tnnangcgn	tcntncanc	tnaaancgn	tgnaactcnc	nctntctgca	60
ggatcccatc	gattcgctaa	caagcgattc	taaaccacct	atgagtattt	cttttagggc	120
tcacttaaat	acatgtttgt	atatactgta	ttctagccag	aataatttta	gatctgatca	180
ggtagtagct	aaaattagaa	aaaaacaaaa	tagatgctta	aagaatttgc	atccattttt	240
gagtctaaat	cttttaaaat	atactgagat	ccacatctag	tgaaatgtca	gtgtcaaaat	300
attatagatt	atagctaaaa	tccagattaa	tactcatttg	gggtttttta	tagtggaact	360
tcatagtaat	acaaaaagca	gattgtcttc	ctgtctccgc	tgctcccaca	gtagggtattg	420
aaactggtaa	aatcagtttt	ttgatantgt	gtgtatataa	gaaaaaatag	atacacacat	480
tcttttttct	cagtcaacac	attgattgaa	cactctggca	aagatgctgt	ggtggatgan	540
gttgaggttc	gaaagaagaa	gcaagcgctn	gcctgccttg	aaagaaccga	agtctttccc	600
attcacttct	ctagaaagct	gccaaagacag	aagcagaaag	aaatgggatg	atagttctgt	660
caaagcacac	ttctggnctc	ttagaacctt	agaagtgnnt	ctaagagaac	agaagttatt	720
aagaagaaac	nagntacgtg	tgggaattca	acaaccttng	ggtnggaacc	cattggcttn	780
t						781

<210> 3237

<211> 764

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(764)

<223> n = A,T,C or G

<400> 3237

gtnttnnntt	tcttttctaat	agcttgagata	ctcgttcttt	ntgcaggatc	ccatcgattc	60
gaattcggca	cgagccaaaa	tggggtgggg	ccgcagtggc	tcacgcctgt	aatcccagca	120
ctttgggagg	ccgaggtggg	cggatcacga	ggtagggaga	tcaagaccat	cctggctaac	180
acggtgaaac	cccgtctcta	ctaaaaatac	aaaaaaaaaa	caaaaaaac	tagccaggca	240
tgggtggcagg	cacctgtagt	cccagctact	cgggaggcag	aggcaggaga	atggcgtgaa	300
cctgggaggt	ggagcttgca	gtgagccaag	atcgtgccac	tgactccag	cctgggtgac	360
agagtggagc	ttcgtctcaa	aaaaaaaaag	aaaataggca	caataagtaa	tacatttctg	420
cccaagtaag	agccttccct	tttgtggatg	taatgaaaat	atcttcaagc	actttataaa	480
tnaattatat	gtctgatact	agccttccat	tgcttgatc	acatctgatt	gtcctggtaa	540
tttnagaaaa	gggtagcccc	tttgtatgga	tagtagcttg	atgacatgga	attcagggaa	600
aagactatga	tgggtgctact	tgtaactgct	tttgtgctgt	aaaattgtca	tngattaag	660
aanaanaatt	ngcttggnntg	cngtggtcta	cacctntaat	cctancactt	ttnggaagcc	720
aaataangga	cttgnttggga	nccangantt	tcangaacaa	cctg		764

<210> 3238
 <211> 764
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(764)
 <223> n = A,T,C or G

<400> 3238
 gtnttnnntt tcttttctaag agcttgggata ctcgttcttt ntgcaggatc ccatcgattc 60
 gaattcggca cgagccaaaa tgggggtggg cgcagtggtc tcacgcctgt aatcccagca 120
 ctttgggagg ccgaggtggg cggatcacga ggtagggaga tcaagaccat cctgggtaac 180
 acggtgaaac cccgtctcta ctaaaaatac aaaaaaaaaa caaaaaaac tagccaggca 240
 tgggtggcagg cacctgtagt cccagctact cgggaggcag aggcaggaga atggcgtgaa 300
 cctgggaggt ggagcttgca gtgagccaag atcgtgccac tgcactccag cctgggtgac 360
 agagtggagc ttcgtctcaa aaaaaaaaaa aaaataggca caataagtaa tacatttctg 420
 cccaagtaag agccttccct tttgtggatg taatgaaaat atcttcaagc actttataaa 480
 tnaattatat gtctgatact agccttccat tgcctggatc acatctgatt gtcttggtaa 540
 ttnnagaaaa gggtagcccc ttggtatgga tagtagcttg atgacatgga attcagggaa 600
 aagactatga tgggtgtcact tgtaactgct tttgtgctgt aaaattgtca tngattaaag 660
 aanaanaatt ngcttggntg cngtggctta cacctntaat cctancactt ttnggaagcc 720
 aaataangga cttgnttgga nccangantt tcangaacaa cctg 764

<210> 3239
 <211> 768
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(768)
 <223> n = A,T,C or G

<400> 3239
 atggcttttg nnagntccnn ntctttcaaa tncctggcta ctcgntcttt ntgcaggacc 60
 catcgattcg aattgtaact tattccagga taaatgtcat atgcatatga ttttcatatg 120
 actttgatga gtatcttcag ggaaaattcc taaaaatgaa attgctggat taaggggtaa 180
 atgcatgtat agttttgtta gacagggcca catacccttc cttagaggta gtaccctttt 240
 gtattcctgc cagtaataata tgagagtcca cagagtatgt ggtaagctt tagaatgctt 300
 gtccatctga tagggaagaa atcgtgttgc ctttaatttgc ctttctttta ttatgaatca 360
 gattttaatc ttttgcctct agaactatag tgagtcgtat tacgtagatc cagacatgat 420
 aagatacatt gatgagtttg gacaaaccac aactagaatg cagtgaaaaa aatgctttat 480
 ttgtgaaatt tgtgatgcta ttgctttatt tgtaaccatt ataagctgca ataaacaagt 540
 taacaacaac aattgcattc attttatgtt tcangttcac ggggaggtgt gggaggttnt 600
 ttttaattcnc ggccgcggcg ccaatgcatt ggggcccggt cccanctttt gttcccttta 660
 tgaggggtta attgcgcgct tggcgtaatc atggtcataa ctgattcctg ggtgaaattg 720
 tatcccgcctc acaattcccc accaacatcc anncccgga gcataaaa 768

<210> 3240
 <211> 957
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(957)
 <223> n = A,T,C or G

```

<400> 3240
annggagacn nnnngnngann gnggggggnnn acnnngaaan ncnnananan acacannann      60
nannnnnngag gggcaacaaa cncnnathtt cgaaaanccc ttttggnggt gaccccnttc      120
naacacttgc ttntcgccct ntgcaggatc ccancgnann cgaaggnggc ncgaaagcac      180
ggngtcccnna nnnngatgngn aaanatgacc gataaacttc ngggncngat aatgaanggc      240
actatnggnc atactgatgc tgnctcatgg gcnctaccan agacngaac tggaaaaggc      300
tctgcagngt ctgggatacg ctgagtgtg cangggaggg caggngtgag gggaatggcc      360
ccgganggtg atggggcnng ngcatccgat gcagcnntat agctctgnaa ttaccacttn      420
caaaactntn attacgaaaa atgtcaagga ccnnggaatn acaagngagg naggcaggat      480
aatggccccc aanatgcccn tgttgagacc cccanacctt gagagtgcct cacatgggga      540
agactgtcct acgtcancnt gcacgcccen ggagcccca ngggccctta aagcttgaga      600
gccttnccctg ctgagacnga ganatgccag aagcaaggag aggcnagaac ccgaggaggg      660
cccgcancct gcccnngatg gcccttagaa ggaaggggcc naannagcgt ggtggcccn      720
ctaaagcaan ctgngngacc nggggggacc ctngangtacc caangcccct gcaaagcaaa      780
accngaaat ttccnggccca aaccanacac cccaangga atngngaang aaannngaa      840
aaggnaacnc cctngaccnn tgggcaaaaa accccttgga acccccctga aaccttcnac      900
cnaaaatngn gtnaaancnc ccgcgannng gacttnagt ngcaagcaca cancccc      957

```

<210> 3241

<211> 789

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(789)

<223> n = A,T,C or G

```

<400> 3241
ntgtaancct tttcaaacc cttggctact tgntctttct gcaggatccc atcgattcga      60
attcggcacg aggcgggacn gtgactctgg nnacgcttgc gncctnacy tagntngnng      120
accntgcang anggaanaaa ggctggccnn cngntgtacn ctnaccgtcc taaccccgcg      180
agggtccaggn ccgtcccttt cggngnggat tctcgcgga nateccctcg gcagctcttt      240
gcaaagctgn ttgaaaactt ctccaaact cggcntggat acgactgcta tagggctcgc      300
tgctgctttt gtggagctct tgctcctcta tccttgacct ctctgggat acggcccaag      360
gccaagtntt cagcgangtt ggtacgctta tttcgcttg gactctgggg gctntgaann      420
ttcaccacgt ggactgctgg ggancgggnt. nccgancact ngmntacctt acnccanaat      480
ctgacaactt ttctggacaa cctaccanc ttcaattggc tngngagcnc ntngntgct      540
ggggnntncn gtgcaaatgg agncncaatt ggtgggcaa tngttgatgg ncaaaacggg      600
aaaaagcaac nnncaangct tttggctnaa agccgatang acncaaatta nttntttgg      660
accttganaa ttctctcaan nnttttnagn anncttttt ttntctggan aaanacttaa      720
aagtgaacga ttnttgggaa anaaacaaac tataataact naaagctttt ntaaaaaaaa      780
annaatnnt
789

```

<210> 3242

<211> 804

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(804)

<223> n = A,T,C or G

```

<400> 3242
tcnaaatccc ttttgmnagn ttncncttt gtttcccttt nctnggctnc ttgttcttt      60
tgcaggaatc ccatcgattc gaattcggca cgaggctcct ttgaaccacc ccaaagaact      120
caacatggca aagcaaatgg taaaagcttc ccgactgttc tactttgggt ccgcgcgaag      180
ccactcacg tgtgatctgt gttgcccctg ggaggcccg ggcgaccgga aaagggtctct      240
ctcaagttct gaaaagagaa tctgccacca gatcgaattt cgaccctga gcttggtcgg      300
acgtatggtc caaattcaga ttaaggtggt caccacaacc gagatgtcag gaaaggcctt      360

```


ctgcagagaa	aatgtccccc	cacccgccat	ctgcagccag	gtgtgtgcc	cacggcagcc	420
tccccgaaac	atagtatgga	ttttaaaaat	gtgttttatt	ttgtttctca	accactttat	480
aacgtatttt	ttaattttatt	ttgtaaatgtc	ttgttttgaa	gtattgctgc	tatccttgnt	540
atccttccca	ctgtttttat	cactgattta	ttttgtgaaa	agttgtacac	taatgttcta	600
tgtcaaaatc	aaaaagtatt	taatgaaata	ctagtcttat	ttaatgtggg	ntatggaacc	660
ancttgaaaa	cacaaaacaa	acaggggatt	gtacaagcan	gcttggggcc	caagnaagggt	720
caaggttcat	ttggttacca	tatgccnata	aaacctcanc	gaanttttaa	aaaaaaaaann	780
nnnnnnaaaa	aancttgng	ggct				804

<210> 3243

<211> 784

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(784)

<223> n = A,T,C or G

<400> 3243

ttcnaatngc	ttgttcacgc	cctttctgca	ggatcccatc	gattcgaatt	cggcacgagc	60
ttctgttgat	tgggtttgtt	aaagtaccta	agtactacnc	tttgactccc	taccaaaggt	120
tcttttgttt	tttaaacaac	ttttatttgt	gacttacttt	cttgagaagt	gttcttaatg	180
aattgcanna	cccantggta	gcagcttatt	tcttaagtac	tttattat	gtgctttacc	240
atttcagggt	cttatcttta	acccttattt	actcagtttt	ccaactgaat	gatcctatct	300
ctaaattaag	gatttaataa	atgctgcaaa	ttgtccactt	tgcaaattgt	ccaaaagctt	360
tagttttgga	accttgtgaa	cttttttttt	aataacacat	tatttgggcc	ggtcgtgggtg	420
gctcaagcct	gtaatcgag	cactttggaa	tgcttaggca	gacagatcac	ttaaggcctg	480
nagttcgaga	ccagcctggc	caatgtggng	agacctnctg	nctatttact	aaaaatacta	540
aaaaattagc	aaggcatggt	ggtgcacgcc	tgtaatctna	gctactttga	gaggcanagt	600
tcaggagaat	tgcttngaaa	ccttgggagg	cannagattg	agcccaagaa	ttggaccant	660
gganttcac	ccctgggtga	ccagagtgaa	gaaatctttn	ctcaaaaaaa	ccataaaaaac	720
cctntnctnt	aaaatnaaaa	aaaactntga	gcctttttat	aacttnagnt	ggagtcagga	780
atnc						784

<210> 3244

<211> 790

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(790)

<223> n = A,T,C or G

<400> 3244

tccaaaatnc	ccttggantn	attccccctt	ncaatacctt	tccttngnac	actcccngtt	60
tnngntngatc	ccatcgattc	gaattcgga	cgaggnacaa	aagaaggaa	gtcttcctca	120
tgtttnggtc	tatagaagac	gttaaagaaa	acttcagaa	agtgggtttg	aggcatgagc	180
caccacgcct	ggccaaagga	tttaatgaat	taatggatgt	acagtgtctg	ggctgttatt	240
ctagggcctg	cattgagact	cacattttgc	catcaaaagc	cttttaagag	gtggaggttg	300
cggtgagctg	acatggtgcc	actgcactcc	ggcctgagtg	acagagtga	actctgtctc	360
acaaaaaaaa	taatgccctt	taaataatga	ataatagtga	tagaaaatgt	catttcttgg	420
acaaatgaaa	aattgaaatt	aatgtatata	attagatatt	attagctact	cttaggttagc	480
ttcatttgtt	gaaagtttga	caagtgaatg	aagttcacat	ctggaaatcg	ttgaacattt	540
ttcgttcatg	gaactcaatg	gctacgttag	tcgtttatgc	ttttactgt	tgtggtaggg	600
gctttggaaa	gtnaatgcc	tcaacaatgg	atacagaang	acctggattt	ggaataaggg	660
caaaaattta	ttttgatggg	gctgaattgc	tctgccaggg	agcatttttg	gtattgagat	720
gaaaatggcc	tctctttgag	actgagctgc	cacctggcaa	attattgnct	gcttaanggt	780
tctctttatn						790

<210> 3245
 <211> 784
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(784)
 <223> n = A,T,C or G

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<400> 3245
gnnttttcta aatcccnttt gcnttactcc ctctttcaaa tcgcttggtt acttgcncn      60
ntngntttgc aggcattcca tcgattcgaa ttccggcacga ggaacaaaga aggaatgtct      120
tcctcatgtt tgggtctata gaagacgtta aagaaaactt ccagaaagtg ggtttgaggg      180
atgagccacc acgcttgccc aaaggattta atgaattaat ggatgtacag tgctggggct      240
gttattctag ggctgcatt gagactcaca ttttgccatc aaaagccttt taagaggttg      300
aggttgcggg gagctgacat ggtgccactg cactccggcc tgagtgcag agtgagactc      360
tgtctcaca aaaaaataat gccctttaa taatgaataa tagtgataga aaatgtcatt      420
tcttgacaa atgaaaaatt gaaattaatg tatataatta gatattatta gctactctta      480
ggtagcttca tttgttgaaa gtttgacaag tgaatgaagt tcacatctgg aaatcggtga      540
acatttttcg ttcattggaac tcaatggcta cgttagtcgg tttatgcttt tctactgttg      600
ggtaggggct ttggaagtaa atgccatcaa caatggatac agaagacctg gatttggaat      660
aanggcaaaa tttatttgat ggggctgaat tgctctgnca ggancatttg gtatgagatg      720
aaatggcctc tcttgagact gaactgccaa cctggcaatt attggctgct aanggttctc      780
tttt                                         784
```

<210> 3246
 <211> 784
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(784)
 <223> n = A,T,C or G

```
<400> 3246
gnnttttcta aatcccnttt gcnttactcc ctctttcaaa tcgcttggtt acttgcncn      60
ntngntttgc aggcattcca tcgattcgaa ttccggcacga ggaacaaaga aggaatgtct      120
tcctcatgtt tgggtctata gaagacgtta aagaaaactt ccagaaagtg ggtttgaggg      180
atgagccacc acgcttgccc aaaggattta atgaattaat ggatgtacag tgctggggct      240
gttattctag ggctgcatt gagactcaca ttttgccatc aaaagccttt taagaggttg      300
aggttgcggg gagctgacat ggtgccactg cactccggcc tgagtgcag agtgagactc      360
tgtctcaca aaaaaataat gccctttaa taatgaataa tagtgataga aaatgtcatt      420
tcttgacaa atgaaaaatt gaaattaatg tatataatta gatattatta gctactctta      480
ggtagcttca tttgttgaaa gtttgacaag tgaatgaagt tcacatctgg aaatcggtga      540
acatttttcg ttcattggaac tcaatggcta cgttagtcgg tttatgcttt tctactgttg      600
ggtaggggct ttggaagtaa atgccatcaa caatggatac agaagacctg gatttggaat      660
aanggcaaaa tttatttgat ggggctgaat tgctctgnca ggancatttg gtatgagatg      720
aaatggcctc tcttgagact gaactgccaa cctggcaatt attggctgct aanggttctc      780
tttt                                         784
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<210> 3247
 <211> 776
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(776)
 <223> n = A,T,C or G

```

<400> 3247
gtttcnaata ncttgctttn nnnnnntctt caaatngttg gacccctgc aggatcccat      60
cgattcgaat tcggcacgag gtgtgcttgt gaaatgtcca ggcgtgtgca cagccagtgc      120
gcccacttcc gggctccttg ctccctgctg tactgaagtt ttggattttg catccaatcc      180
tgtgtgcctg cccttctgcc gaaggcttgt gaggggctg agtcctctgc ccatcaggat      240
gacaggctcc ttcttgaggg gccatangag ggaagttttg gaaacacaga atgattccaa      300
gggtgctctg ttcttgaggg ggactggttt gtaacccatg acatctgtgg gcgagagagg      360
cagctgggag cangacactt ggagggtcac cccacggggg tggcacctgc actctgagtg      420
ccccccactg tcatcagctg cctcttaccg tggacacagt tntggttttg gggactangg      480
ggcccnactc ctggtggtac cgtttggact tactagggca gtgggacata tangcccggg      540
gctagtngga taacggggag ttacncctga tgactntttt gatggaatcc tgcattagat      600
agcttngtgg gacccccccc ctcanaattt ggggaactga ngagaattcc nngaagggtg      660
cnttcangga gagcaccttt naaggggccc cctaacttcc tgagcctgga aattagaata      720
ancattaaag gggcatacac accttttccc aaaaaacccc tntccatttg gttttt      776

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<210> 3248

<211> 777

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(777)

<223> n = A,T,C or G

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<400> 3248
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cagatgctga agaaatctgc agtgcattct gggaccatac aattagagtg tgggatgttg      180
agtctggcag tcttaagtca actttgacag gaaataaagt gtttaattgt atttcctatt      240
ctccactttg taaacgttta gcatctggaa gcacagatag gcatacaga ctgtgggac      300
cccgaactaa agatggttct ttggtgtcgc tgtccctaac gtcacatact ggttgggtga      360
catcagtaaa atggtctcct acccatgaac agcagctgat ttcaggatct ttagataaca      420
ttgttaagct gtgggataca agaagttgta aggctcctct ctatgatctg gctgctcatg      480
aagacaaaagt tctgagtgtg gactggacag acacagggct acttctgagt ggaggagcag      540
accaataaat tgtattccta cagatattca cctaccactt cccatgttgg ggcatgaaaa      600
gtgaacaata atttgactat agagattatt tctgtaaatg aaattggtaa gagaaccatg      660
aaattncata ngatgcngat gcagaaagca acctttttga aagtttatat aatggtttna      720
cccttcataa ccagcttaac ctttcacttt ttcttatttt ggatttataa ataagaa      777

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<210> 3249

<211> 770

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(770)

<223> n = A,T,C or G

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<400> 3249
gntcctnnnt ttcttatnct tggctactcg ttctntctgc aggatcccat cgattcgtag      60
ggattgagga agatctagca gaaccttcta agtctcagac acgtaaaccg aagtgtggca      120
aaggaactca ttgctctcga aatgcatata tgttggttta tagactgcaa actcaagaaa      180
agcccaacac tactgttcaa gttccagcct ttcttcaaga gctggtagat cgggataatt      240
ccaaatttga ggagtgggtg attgaaatgg ctgagatgcg taagcaaagt gtggataaag      300
gaaaagcaaa acacgaagag gttaaggagc tgtaccaaaag gttacctgct ggagctgagc      360
cctatgagtt tgtctctctg gaatggctgc aaaagtgggt ggatgaatca acacctacca      420
aacctattga taatcacgct tgctgtgtt ccatgacaaa gcttcaccgg gataaaatat      480
caattatgaa gaggatatct gaatatgcag ctgacatttt ctatagtaga tatggangag      540

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gtccaagact	aactgtgaaa	gccctgtgta	aggaatgtgt	agtagaacgt	tgtcgcatat	600
tgcgtctgaa	gaaccaactt	aatgaagatt	atnaaactgt	taataatctg	cttgaaagca	660
gcnagtaaaa	ggccnatgga	ttttgggggtg	ggggaantcc	cttccttgcn	gantttggcc	720
ccanctancn	tctttgaaca	ncttgntnaa	ncaananggg	nggatgcann		770

<210> 3250

<211> 800

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(800)

<223> n = A,T,C or G

<400> 3250

ggnnncnnttt	nccecccttt	tgaaaacccc	ttttggngga	ancccncttc	tttnaaatcn	60
cttggctact	cgctcttnt	gcaggatccc	atcgattcga	attcggcacg	agtatataac	120
aacttttgct	ttcaaagtgtg	ggtgggacta	gaacacacaa	tggaaggatg	gagtcaggag	180
acctggattc	ttgtgcccgc	tctggctttt	acagtctgcc	taactctatg	cagtcacttc	240
ctgccagcct	gtttccttac	ctacaagagg	gagagacact	ccctggccag	cctagttctc	300
agggtgaacg	aaaggtcatt	atcactgcat	cctctagtca	tttgcttctt	cgctaattaa	360
cacatcttga	gcacctgcga	tgttccagga	acaggagatg	gcagcgtgca	agataaaaagt	420
ccctgacttc	tagagactgc	atgttagtgg	caatcggcgt	ctacccggcc	ttcaataaac	480
tactgaatga	aggaaaattc	tacctagcac	cagacacaat	tactgggttt	ctaaaatgga	540
attattcccc	cgccccctg	catccagcag	cctgctgcag	ggaagctcct	ccgaagctgt	600
aggcaggagc	gggacaaatg	cttgctatca	gcttcacaga	atgttaccta	agtactattc	660
ctacacagcg	ccttacagaa	caaacagtaa	aaaccaaagt	gnaagcatgc	acnnggcttaa	720
aaactcaaac	ttcctaacta	ctcagtaatt	anganggtca	ttttacccca	aaatagaatt	780
ttcnatttat	ccaataanaa					800

<210> 3251

<211> 1144

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1144)

<223> n = A,T,C or G

<400> 3251

gnnnnnnnnnn	nnnntttnnn	nnnnnttttt	tttgnaaaaa	aatccccccn	ttttggggcn	60
aaaaattngg	ncctcctttt	ttnttgggca	aggggggaatc	cccccaaatt	tttttnaaaaa	120
ccggaccant	ttttcggggg	cnaaccggaa	ggaaaccaat	ttaaaggccn	cctctcncaa	180
accccccttt	tgggaanggg	gggaaattgg	naaaggaaac	caaggccttt	tccccctttt	240
gggccaaagg	ggccnaaggg	ggccntgggt	tggccccccc	naaagtttcc	aaantttntt	300
tnaaaaaggg	ccccnttaa	ccaaaagncc	tttggggggg	cccttnggcc	cttnggggnc	360
cttggccnaa	nggggggttn	ccttttggga	aaaggggggc	ccgggggttg	ggggggggga	420
aaagggggtt	tggggccaaa	ngnaacaaag	aaaagtttan	nccaaaangn	aacccccccc	480
naacttttnc	ncntngggcc	ctncntttna	acaagaacct	tgccgttcaa	tggccccggg	540
gccttgggga	accggcaagc	aaaggccctt	ggcttctttc	tggcccnggc	catgaaacac	600
cgncatgttg	ggagcaccgg	atcacagcgc	caacaaggta	gaccagctca	anggcctttt	660
ggctatgtcg	agatccccctg	tgtggccaag	aactggtgtg	cngagatgaa	agtctcgggg	720
ccatggctga	agtggggacc	atcgtggaca	aagtgaaaag	aaagtcctct	ttcancacaa	780
gtggctttca	acagaagtgtg	acctgggatt	tctgtcatgg	gtgtccctct	ggactcaaaa	840
atgggttcaa	ggcccaagtc	ggtgaanatg	gatgttggca	aaaataggaa	ggataccctc	900
attttgctgn	aatnggggga	anctgctctt	naccttgccc	aaggggccaa	ggcctgggtc	960
aggttnaaac	ttgggaccgg	aaaggcccaa	gtcttaattt	cttttcaaac	cnaggaaaag	1020
gnccgnttgc	cttaaaaacc	ccttcccaac	tttttctctg	gatgggntga	aggcaancc	1080
angaaaancc	aagcaatggt	tgttcntcaa	cnggaaggaa	gggacttgaa	ccnaactggg	1140

gaaa

1144

<210> 3252
<211> 818
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(818)
<223> n = A,T,C or G

<400> 3252
ntttctannc nngntttcaa atcccttgca ttngcncctt tgtttgatcc catngattcg 60
aattcggcac gagagaagat tggggatgag gaggtaggag antgctggag accagttaga 120
ggctaccgta gcagcgtana gaggctgaaa atctaactag ggtggaagca gccaggcagg 180
ctggtcctaa tgttgggagt tgttcagatc tgaccnnana ggtcattact tatagagtta 240
ttaatttata cccacaccta attgcaaaga gattcaaagc agtaagccat cactttagaa 300
tttaatgttc tgttttcctt tttatttact cattcagcag ctatttcaat gcctgctgtg 360
tgccagggtgc tattcttagn gctttacttg ttgtatgtgt natctaagtc tgtgtaacaa 420
attactcctg aacttaccaa ctacacaaca cattttattag ctacacagttt ctgtggagca 480
tnggatctag atgtggctta gttgggggtg ctggcctggg gtcttctnct aaggctncaa 540
cgaaaagtng aggcccgggc tgcagtnatc tgaaggctct antggggcaa gatcccaactt 600
caagctcact naatgngcng ttgncntang nttagtttnc ttgcaatnct attnggattt 660
ggngccctaa gttcctgggc atatagcccn nnnctnntat ggncaagggt cacncttgn 720
gngcantttt acacccttnn aagtcntgna nntangntgn gnagnaang aaactaaacn 780
aatttannan nanntatata aanctcnnnn ncccttcc 818

<210> 3253
<211> 797
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(797)
<223> n = A,T,C or G

<400> 3253
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tcacatccag caaatgcagg gtcacatgaa atatgggcct cctggaatcc ctacagtgga 120
tggagactgg ctcatacctt gccagatccc tctctcagtt ccagccttct ggacaaggcc 180
tgggctaaga ggagctgnnt cgttatctct tcaccactg ccctctcagt atcaccagtc 240
ccaaagacag gatacgtccc tgtaacccaa tctctcggtt gattgatagc agaacagctc 300
ttgttggtct gagaaggcag gataagtgac cacatattta tgccactacc tccaccaggg 360
agagtccttc tccacaggct tgataaatc aatcaccaac tgtgctgtcg tccctgactc 420
tgctactccc gttcttctct ctttctgct ccgtatctca gtctgcactg accccaaggc 480
tgggctgaca tcaagatggg agcccagccc acgggcttta taaacaccca agaaccgttt 540
cagatcttct ctggtgctga tgcangtagt tttaaatttt tctcaagtn cagtgataga 600
aaacccacac aatcatcctc tggccagtct taatagaata tcagaggtn anaaggcct 660
tcanaagaac ttttnacnca atgectgctt gggggaaang gaaagttgac ttaacccccg 720
ggttcaaacc tggccatttn anggggaaaa aancttnaag gttcnttacc centngnttg 780
gcatgcttgc cncncnc 797

<210> 3254
<211> 794
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature

<222> (1)...(794)
 <223> n = A,T,C or G

<400> 3254
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 ttcggcacga gggagcaa ataaagccct tgtgtgtgtt tttggcagaa aagccatgaa 120
 gacaagcaga tgctaataaa agaactctga tctttgttng ttattccatg ttaaagggtt 180
 gaaataaagg taagagaatn tttgtactgt tggtatcccn aatccatctc ctgttctact 240
 ctctattcaa aataatcgta cagtactaa cagagcttcc agaccaacag tattttttat 300
 ttttcatttt aagttcaggg taccaacatt tctttccatg gatgttgatg gacgtgtcat 360
 cagagctgac tctttttcaa aaatcatttc ctctgggttg agaataggat ttttaactgg 420
 tccaaaaccc ttaatagaga gagttatttt acacatacaa gtttcaacat tgcacccag 480
 cacttttaac cagctcatga tatcacagct tctacaccga atggggagaa gaagggttca 540
 tggctcatgt agacaggggt atttgatttc tatagtaacc agaangatgc aatactggca 600
 gctggagaca agtgggtaac tgggtggcag aatggcatgt tctgctgct ggaatgggtt 660
 tatggnntaa aggtnaagnc tttatgntgt aaagaacctg tttgaagaaa angccgntaa 720
 gatggggggn tttaatgcct ccctggaaaa tggntnttc cgtcgntang ttaannttcc 780
 tagncccttc ttnc 794

<210> 3255
 <211> 794
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(794)
 <223> n = A,T,C or G

<400> 3255
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 ttcggcacga gggagcaa ataaagccct tgtgtgtgtt tttggcagaa aagccatgaa 120
 gacaagcaga tgctaataaa agaactctga tctttgttng ttattccatg ttaaagggtt 180
 gaaataaagg taagagaatn tttgtactgt tggtatcccn aatccatctc ctgttctact 240
 ctctattcaa aataatcgta cagtactaa cagagcttcc agaccaacag tattttttat 300
 ttttcatttt aagttcaggg taccaacatt tctttccatg gatgttgatg gacgtgtcat 360
 cagagctgac tctttttcaa aaatcatttc ctctgggttg agaataggat ttttaactgg 420
 tccaaaaccc ttaatagaga gagttatttt acacatacaa gtttcaacat tgcacccag 480
 cacttttaac cagctcatga tatcacagct tctacaccga atggggagaa gaagggttca 540
 tggctcatgt agacaggggt atttgatttc tatagtaacc agaangatgc aatactggca 600
 gctggagaca agtgggtaac tgggtggcag aatggcatgt tctgctgct ggaatgggtt 660
 tatggnntaa aggtnaagnc tttatgntgt aaagaacctg tttgaagaaa angccgntaa 720
 gatggggggn tttaatgcct ccctggaaaa tggntnttc cgtcgntang ttaannttcc 780
 tagncccttc ttnc 794

<210> 3256
 <211> 784
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(784)
 <223> n = A,T,C or G

<400> 3256
 ctaatncttn tcnntngctt tnnngangat ccatcgattc gaattcggca cgagagactc 60
 ttatttctat caccctgtct caaaaagac ttgcccaagg ctacgaagca nggcagtgc 120
 tagagtccag acatcagnaa ctagtccat gttntttttt tcaactaccag tccctaggcc 180
 ccaaaccgca gatcctgctg tgnngacat taagccctg actgttctag gctcaacttc 240
 caaccctttc tgcaggtcct attacctctg cctcatctc ccaacatgat aaccagagtc 300

ttccttcaca	ttgtactgcc	tacccccctta	tgttcccagg	ctctcccttg	gtttttattac	360
ctccttgtag	tccattttca	gacccgtgcc	attgatctcc	acccgcacaa	tgatcacctc	420
ataataccac	tcccgcggga	tgggtgtata	ccagagactg	cctgtgtaca	agcgagtggg	480
cgataacctca	atgatctang	gaaaaaaaaga	ngcagggtccc	gtgtccctggc	acagaaggag	540
agtgagttccc	caaggaccaa	gcaataagat	cagtgtatttc	ttgggggtggc	aangtcttct	600
acaggctacc	cttttcatct	tccgtcttnt	aaacaaatca	tacccaaagn	gatttctant	660
ttctttaatg	tgttcagggn	gaaaagactt	ttccnggaat	ttttaattta	tttggttcan	720
aaatcatata	ggccttggan	antaaaggta	ttttaaatct	aaaactggcc	ncaattaaan	780
tntc						784

<210> 3257

<211> 822

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(822)

<223> n = A,T,C or G

<400> 3257

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ttcgaattcg	gcacgaggat	tttcgaaact	cttcagctac	ttgccctttt	ttatctgaaa	120
ccatcatacc	ttctgaaaga	aaaaagcata	tcttcattga	cataacagaa	gtgagatggc	180
ccagtcttga	tacagatggg	accatcntnt	atatggagag	tggcattgtg	aagataacat	240
ctttagatgg	tcattgcatac	ctctgcctgc	ccagatctca	gcatgaattt	acagtacatt	300
ttttgtgtaa	agtttagccag	aagtcagact	catctgcagt	gttgtcagaa	acaaataata	360
aagcccaaaa	agataaaacta	gttgaaaaaa	ctggcaaaat	ctgtatacgt	ggaaatttac	420
cangacagag	actgaagaat	aaagaaaatg	agtttcattg	ccagatcatg	aaatccaaag	480
aaactttaaa	gaagatgagt	tgtgtaaatg	gaactgaagg	gaggggaagag	ctgccttcgc	540
ctggtacaaa	gcacacatgt	gtatacacat	gggtcaagca	gtgctgtgtc	gtggctgcct	600
gtccagagga	atgggaaata	ttcctttgtc	tttagcactt	cattttttcta	aataaaaaatc	660
anccaatatg	tctaaaaaaa	aanntttntn	ataataaacc	tngaagccct	nttanaacct	720
tntnntggag	gtcctnnntt	accntatgat	tcccggaaat	tggataagga	atcccntttg	780
gattgganat	tttgggcnna	aaaccncnna	nncttggaaat	cc		822

<210> 3258

<211> 1052

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1052)

<223> n = A,T,C or G

<400> 3258

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nnnnngccaa	ngggaaatcc	ccccaatnnt	ttttataanc	cgggcctccg	gttaanttcc	120
aaagccaatt	ttaatttaac	cttnaggggg	ccttgggccc	ctccccaatg	ggttgggttn	180
nnnntntcca	aaaaaanggc	ccccccnaa	tttnccaaaa	gggttntntn	ttaacctttt	240
tcctttaatg	gggggtnnna	aaaccctnaa	aaattttnnn	ttaaccaatt	naccaccca	300
aaaaaatcct	tttttnncca	atnttntntn	cctgggaaaa	ccttttcccc	tttttaattg	360
ggctttttta	ccttgggtcaa	ccccccaact	taggtanttt	ggatgggtctt	taagctaann	420
gaaccnaaat	tnctggatca	atttcacttt	gtcacatcag	ggaaccctat	cctcttagtt	480
ctcccattga	gatttctactg	ctggactaag	attattcttg	attcgtagtc	attggnntct	540
gnttccattc	attttcagca	ctgattatgt	taatcgtatt	gctttgagtt	ttttctttgn	600
tcaaatgttg	nttattacat	tcattttgnt	tcatatacac	acattntttt	tttttaactg	660
gcattttgag	gatattggng	ttaatgggaa	ggaaaaagga	atgggtgcaa	agcacatggg	720
atttgaattc	caaagacctt	gaccctcang	cattagcaag	gtcacttggt	ttctgagcct	780
canttttctt	actctcaaaa	tggagggtaa	tatcccgaag	agnactttga	caaccacacc	840

ttaaaagcct	ggatgcaana	atttnccttt	tttgnaagta	aattgnggct	gggttcttaa	900
ttncataatn	ngggataatg	gggaattcct	anggggaatt	ngggctatta	ggaatccntn	960
cnatttttaa	aaatggtatt	ttaacangcc	ttggtaaaan	ggttcanttn	catggccatn	1020
gnngaacaat	gttccccntt	tatgaannta	cc			1052

<210> 3259
 <211> 800
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(800)
 <223> n = A,T,C or G

<400> 3259						
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tcgctgacaa	cttgattggg	ttctccttca	ggtttgaagc	gccctcgaga	agtgtctaaa	120
ggagacagtt	gatagccaaa	caacagtttt	ggattcactg	actgattatg	aaagaagcag	180
tagactggta	tcaagaatca	gtcagcaagg	aggccctcac	cagacgccag	tgccatgttc	240
ttggacttct	cagcctccat	attcatgaac	taagtttttg	gaatccttag	gcttccacgt	300
gtggaaagcc	tgagctaacc	tactggagga	tgagccatca	cctggagcag	attcaggcca	360
tcctagtgtga	agcctcccta	ggccaagcaa	ccgtccaact	accagaçatt	gaccattcag	420
ccttgaacat	tcagcacaaa	gacaaaacag	accagaccag	aagagtccca	cagaatangg	480
gaaactattc	agagaaaact	taagccacta	agttttatgg	ngntttgttc	tgtagcagaa	540
gcataggcat	actgacaata	caaaccgaaa	tccttctaac	gtagtggacc	ttttcaggcc	600
agcatttttt	tcttgaaaac	ctggagcatg	tattccatct	tatagcagag	atcactttca	660
caatggttgg	ggctcttgga	tttggaatgg	atgatgtaat	gaagccctct	tntncagatt	720
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<210> 3260
 <211> 1098
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1098)
 <223> n = A,T,C or G

<400> 3260						
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cgggccncca	ggnccgggna	aaggccccc	ttgggcggcc	cccggncggc	cccaatgggt	180
tccaaaaagg	gaaaaaaaaa	aaagggggaa	cctgggaagt	tgggccanga	aaangnaaaa	240
aaaggnaagn	aaaccttccg	ccaatgggaa	tggggaaaaa	taattttttc	ttgaaaaacc	300
caaaaaagga	atggttattt	ttcaaattta	aaaaaggaac	nttgggaaga	aagaattggc	360
ttccacnccg	cagaaagggc	attactggct	atgtcaagta	aaagaagtcc	ttcaaagctt	420
agttgatgat	ggtatgggtg	actgtgagag	gatcggaact	tctaattatt	attgggcttt	480
tccaagtaaa	gctcttcatt	caagggaac	ataagttgga	ggttctggaa	tctcaagttg	540
tctgagggaa	gtcaaaagca	tgcaagccta	cagaaaaagca	tttgagaaag	ctaaaatttg	600
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tgggtggaatc	ccccaaaagg	tttggttggg	gaaagaaaaa	ttcccgcccc	aangccaaaa	780
tttaaaaggt	ttngccccc	aagggaag	ncttgnctt	taaccagga	attggggacc	840
ctgggantta	aaacnataa	ttttcccgcc	naatttnaaa	aaattcnttt	nggggncccc	900
naaaanggna	aaaaaathtt	nggggggttt	tggnaaaggna	aaaatttnaa	atttggattt	960
ngaaactttt	ttngggaatt	ccccagaaag	aacttttgac	cttcctntng	acctnaaaaa	1020
ttttcccttg	ggggggtgna	anggatgttc	ccaagctttg	tggnatattg	gtaaaatttt	1080
naaccttttn	tncttacc					1098

<210> 3261
 <211> 849
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(849)
 <223> n = A,T,C or G

```
<400> 3261
gnnnnnnattn ccctttnaaa tncncngaa ancccttggg agcactaccn ctengacccc      60
tttgaacgn cgactnctnn atatatcnng gatataatag gtgataagtt ctgncaatta      120
gtaacatcng gaaaaaacag ctngnncctg ggngaaaaag gatgccaaaa tngcctggaa      180
aagagcagng gagaggagtc cgggagatgn gngatgcac gggacgcanc atngntnaac      240
attcactggg tctgccaaaa atgtggattt gngggctgct tagatngtta caaggcaaaa      300
ggaaaggaaa gagttctaga gataaaagaa ctatatgctt ggatgaagtg tgtgaaggga      360
cagcctcatg atcaccaaca tttaatgccc aacccaaaat tataccnngt tctgntttga      420
cagacttcta gatgccatgc acactcttag ggaaaaaata ttgggattaa ancccatngg      480
cattggacta acaaacagga atttacaagg tnggaaantt ttncnaccaa tgaaaggggg      540
gatcncaagg ttttcagaa nggntcntaa tcncaggnaa taaaaattnc tctngggcaa      600
gccctgagtc ttaancagca aaaaanactcc tcccgaancc tgnagaaaaa aggggggggca      660
gccaggcccn naaanggaan gtnaggcccn agatnaacaa ngtnacctcc ncccagnaaa      720
ccccannccc caactggnac cngggnaacc cacaacnttt gcngaagncc aaaaagncc      780
nnnagangga aaaaaaaaaa naananaaaa aacctnnnag cccctaagaa accttagggg      840
nggcccncc                                     849
```

<210> 3262
 <211> 858
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(858)
 <223> n = A,T,C or G

```
<400> 3262
gnnnnnnttn nnnntttcta atgcttntna aatnccttgg nagcaggatc ccantttcaa      60
ancgcttggg gcctatacca ggagagcgga tcccagacgt ggctgcattg nccatgggct      120
tctctgtgaa agaagacctt tcttgccag gactcgagc gggtaacctg tttcatcgnc      180
cncgggctac cgtcatgggt gatggtgaag ggagtgaaca nancggccct acccccaggc      240
agngtcattt cgtacccttt ggagaatgca gttcctttta gncttgacag tgttgcaaat      300
tccattcaact ccttattttc tgaggaaact cctgttgttt tgcagttggc tccagtgag      360
gaaagagtgt atatggtagg gaaggcaaac tcagtgtttg aagacctttc agtcaccttt      420
gcgccaagct cccgtaatcg cctgtttcaa gaaaactctg ntctcagntt caactcccct      480
caattctctg agtnggaaca atgaaagntg acctgctcnt ttctttctga acngcaagtg      540
ctacaatgat atttcaagct ttgctggcct cggacattaa gcattntagc ccaaggatca      600
attctnctg gaattaataa ttccacntgg gangcctggc aaggtttgga atgaaaaatt      660
ggggaagccc ttatggggga aananctttt gaacaanttc aataagaatg cnttcnaag      720
aacccttggt tgacccntt gccaaaaant ttggcaacaa tgaacatngt tcaagncttt      780
tatggggggg gaantgccnn nggntngaa nttaggcccc tngnaaaaat caattttgga      840
caacctcccc ttcataac                                     858
```

<210> 3263
 <211> 835
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(835)
 <223> n = A,T,C or G

```
<400> 3263
tncctttcna atccttnttg cangatccat cgattcggag tttttttttt tttttttttt      60
tttttttttt tttttttttt tttttttttt aagtttttag ttaattaang nncttgcgaa      120
aaatccanac cagnttttatt tcaggggnaa nagtnanaaa ncncctgcaat ntgnncttaa      180
ngggattcga ttngaggccc ccncncggg gganantgtn anccagggat acnacaaant      240
ncttggaag tcaactggana ccgacnttcn tgcatttngg gaaanaanct gggtttgngg      300
nnaantaaag cattttgacn atgactgntg cctaaananc cntggcattg gccagggatn      360
ctgtggaacc cttttttnt tnaatgggtg ntgagcatta aactgncact tgttnanngn      420
nattagannc ttgatngna acttttnann anccccgaa nnctggnncc cctnaatntt      480
tnaattngcc cctntttttc cnanggggat atantatttn ntntngggtn ggaaaatttt      540
tanaggatna anntcncctt tttttntttt tttantcccn atcntttntt tntncttttn      600
nncccttttt tntnttgngc nnnntanaaa tttcncgtga antggatttt naattttngg      660
nnaannnant ntaanggntc cctttttttn aatttnanaa aatgggtttt natnttctac      720
tcttcnancn cntnnggntt ttcnactca natgtngcnn nngnnaaaaa aantnntttt      780
ccatgggnct nnctaanata aatcttcntt naatggtntn tannnttttt caaan          835
```

<210> 3264
 <211> 758
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(758)
 <223> n = A,T,C or G

```
<400> 3264
ctaatagctt ttcattcnaa tgcttgtgat cctcggattc gaattccgtt gctgtcggac      60
agattgccct agtaccacc cactatcag ggttatgcaa tggaacatcc tcgcccgaagc      120
tcttgagaaa ggcaaagaca actttgtaca gtgccctgtt gaagcactca aatgggaaga      180
aaggaaatgt ctcatcctgg aagaaatcct ggcctaccag cctgatatat tgtgcctcca      240
agaggtggac cactattttg acaccttcca gccactcctc agtagactag gctatcaagg      300
cacgtttttc cccaaaccct ggtcaccttg tctagatgta gaacacaaca atggaccaga      360
tggttgtgcc ttattttttc ttcaaaaccg attcaagcta gtcaacagtg ccaatattag      420
gctgacagcc atgacattga aaaccaacca ggtggccatt gcacagaccc tggagtgcga      480
ggagtcaggc cgacagttct gcacgctgtg taccatctta aaagcacgca ctggctggga      540
agcggtttcg atcagcttaa ggcttgtgga ctcttcagaa cctgcaaaac atnacccaag      600
gagcccaaga ttnccttat tgtgtgtggg gacttcaatg canaccaaca gaanaaggtc      660
tncaaacact ttgcttcttn cagncnaac cttganagnc ggcctacaag ntgctgaatg      720
cttgatgggc aatttagaac cccatacac ctacctgg          758
```

<210> 3265
 <211> 1050
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1050)
 <223> n = A,T,C or G

```
<400> 3265
tttctaagtc ttggctttga gncctctntt taaaatcctt tggcnactac tctgcacgat      60
ggggcgctga cccgngcggg cccacaccgg ctctttntct ttctttgccg cggactccct      120
ttcctgcctc caagacctgg gtgtctacaa ctgtgagccc agcttgnncc aaaggcagtc      180
cccatgggac ctgactcac cttnccttgg cctctatgaa accttctgct tgggcccanc      240
ccctgttcca gtcctcgacc tgcacttctt tgctgggact cangcctcca agctccctgc      300
```

ccagcnagcg	gncttcagcc	accgtcttcc	cctttcttcc	gggccctgnt	tgtnagcanc	360
tttgcagaaa	cccananggg	acctngtgcc	ccttgcnag	nctgtcgcc	tggtgcaaga	420
ctgncctgtn	ctgcatcatt	ttncatggtt	gncgggggtg	tggggntnnn	cnnngcgnnn	480
cntgntcaca	atcaancatn	tatncctnan	ntnggggatn	acnaatggcc	tnaagantgc	540
tacntcttan	nnnnganttn	tcangnnntn	ttactaacnt	ncnatngnnc	ntnganatag	600
ncatgnantn	ttagtntntg	atntanccnc	nattgcagcc	ncataattat	cctacaccac	660
anannaancc	ntccttnnag	aanntgncnt	ctatgnaana	gncnnnaat	gtggcnnna	720
atataannntn	ntntnctnnc	atcntannnn	nttctacgt	nannnnncat	nnncnctntn	780
ggnnactatc	ncatantaca	tcnntnannn	cacccatnct	nntntnanat	ntctcntggg	840
nantnnnttc	tctnnanant	ncnctaata	ngatctctca	nntacatgan	ntanatnacn	900
natanngnnn	anactnannn	ngtctctcnt	atnnnttatn	nannngtcan	nttacnnnan	960
nannnaannng	tatnntngtt	cnaaanntat	ntataaancn	ncgtnnnttt	nnannagatg	1020
tacnccnntn	anntaannat	ctangctccg				1050

<210> 3266

<211> 798

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(798)

<223> n = A,T,C or G

<400> 3266

gnnnnnnant	nnnnnttnaa	atccttnntg	aatcctttga	antaccatcc	cnttttnoga	60
attnggcacg	aggaaaggtg	gcgcgcttct	cacggctgag	ttgctgcgcc	ttgcagacgg	120
aagctcccca	caggcagagc	tgtttggatg	tgtgagtcac	gaaccagaga	agccccgctc	180
catgagcagt	gactccccc	gccctgtgac	ctccctcctn	cttgcagctc	ctcctggcac	240
cagtccccc	ggctctcctg	ttggtagtcc	ctgcttttct	tcttggaat	tcctcgtgga	300
cctcgagatc	tttaccctaa	aatagttctg	ttgaatttca	ccctggcaat	gtaaatgat	360
agcttatctt	cacagatgcc	agacaatgga	caactcacca	tcagtccctc	gctcacctga	420
gacaaatgca	tgtctgattg	cttctctctg	cctattgntt	atgtgaaaat	gcagattcac	480
tgagccagac	taaggcatca	gtgactgttc	ctctacctgc	ctctcacatg	gagattgtgt	540
attcagtcaa	aggctgatca	aagacccaaa	ggaatgcaac	agtttatctc	ttatctacct	600
atgacctgcg	aactggccaa	caaccagtt	gttgnccgct	tttcagacag	aaccagtgtc	660
atcttacacg	tattnaaatg	gatgtcctgg	ngtctnccta	atatgtattc	aaaagcaagc	720
tggggcctng	accacccttn	ggcacatatt	cctcanggac	atcattcctg	angctgtgtc	780
actggcatgt	ccttaanc					798

<210> 3267

<211> 817

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(817)

<223> n = A,T,C or G

<400> 3267

ngnnnnnttt	ttnnnnccgg	tttgaaatcc	ctttgaattt	gnaatcgttg	gtgatcccat	60
cgattcgaga	aatcggaaca	aaagtagaag	ttgtggaaag	gaaagaacat	ttgcatactg	120
acatttttaa	acgtggctct	gaaatggaca	acaactgctc	accaaccagg	aaagacttca	180
ctgaagatac	catccacga	acacaggata	gaaagaanga	anccccgct	gtatttttcc	240
agcaaataa	acaaagaagc	tcttagcccc	ccacgacgta	aagccttta	gaaatggaca	300
cctnctcggt	caccttttaa	tctcgttcaa	gaaacacttt	ttcatgatcc	atggaagctt	360
ctcatcgcta	ctatatttct	caatcggacc	tcaggcaaaa	tggaataacc	tgtgcttttg	420
aagtttctgg	agaaagtatc	cttcagctga	ggtagcaaga	accgcagact	ggagagatgt	480
gtcagaactt	cttaaacctc	ttggtctcta	cgatcttcgg	gcaanaaacc	attgtcaagt	540
tctcagatga	atacctgaca	aaagcagtgg	aaagtttnca	attgagcttc	atgggattgg	600

gaaatatggc	aaçgactttt	tacccgaatt	ttttggggcn	aatgaagtng	gaagcaaggt	660
gcaccctgga	gaacccccaa	nttaaattna	atthttcatga	cttggcctttt	gggaaaaaaa	720
anantgctt	nttaaaaaaa	aaacttggag	cctttttgaa	cttttggggg	gtcggnttta	780
cctagatccg	gaccttgnta	agntnctttg	gntggnc			817

<210> 3268
 <211> 725
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(725)
 <223> n = A,T,C or G

<400> 3268	
gmnnttggtc	taatgctngg
cacgaggata	ggccacattc
aaçgtgattt	aaaagctgag
tgacttggtg	aactttttta
aaaacaaact	aattctgatt
ccaatgccac	attgcttttt
ctttgttttc	ctttgtattt
aatttgaaag	ggacagnnct
gtataaacat	tcactctgag
gcacaaacct	ggctattttg
atattaccac	cgctctcatt
tcttctttnc	tttctctttt
ttccn	

<210> 3269
 <211> 786
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(786)
 <223> n = A,T,C or G

<400> 3269	
gntttgaann	ccctttngnt
ttcgaattcg	gcacgaggct
catgtactct	gcatctgtgg
aataatacaa	ataaaaaatac
gtattagtct	agggataaag
ttttatgtaa	gggacttgag
ccaggaacca	ataccccatg
ttgcaagctt	cttatggaaa
attagatagt	agatggtttg
tggtttcatg	aaaaaataaa
tgagtnattc	cangctgnag
ttanaattat	tggtttcttg
aaatggntng	tgtggnttaa
ccgaac	

<210> 3270
 <211> 784
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(784)
 <223> n = A,T,C or G

<400> 3270
 tttcaaatcc ttgttnacgc cctttntnan ggaccctcg nttcgaattc ggcacgaggt 60
 tttgttctct tctttgacta ttaaaaagct cagtgcctna tttttctaac atatggcaag 120
 tgtttctgtg taccttacia gtctatatat aaatTTTTtct tctcttgaca gggttntatc 180
 tatatnnccc aagtnacccc taattctttt agaataaggc agaaaataaa tcaacgtaaa 240
 ggttgagacc aagccagaga cagctggcca aagtagctgg ttcagggata taacctgcaa 300
 gttgccaacc cagcgcatc ttctcaccct tcttcacccc tacgaaaggc catatcttac 360
 aagagatgct ggtaaagtcc anacattcac tngttnaggc ttntctacan ctagcagtgg 420
 catgagatca gttcaatcca atgacactga aatggaactc tccaagtggg tttctgcaaa 480
 agacttctct gttaacaggg agttnttaag ggaaatattg caccttcctt tccccgtctt 540
 tttcaatcna ngcatgatgt cnggtgctac cngnaaccca tactgcnaaa catgagggga 600
 aatgagcctg ngggaattta aancntaac actaattnaa gangaaaaaa gatgcagaan 660
 cctngatcct tantggncca tnatTTaanc cccttgagcc cactTTTTga aaccagncc 720
 ctanaaccta tnngtgagtc nnnTTtactn ggatcccnta actngataag aancnttgn 780
 ntcc 784

<210> 3271
 <211> 762
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(762)
 <223> n = A,T,C or G

<400> 3271
 caaatcnntt gctctngttc tttttgcagg atcccatcga ttcgagacag ctctccaata 60
 ctcaggttaa tgctgaaaaa tcatccaaga cagtatttgc aagagtttaa tttttgaaaa 120
 ctggctactg ctctgtgttt acagacgtgt gcagttgtag gcatgtagct acaggacatt 180
 tntannggcc caggatcggt ttttcccagg gcaagcagaa gagaaaatgt tgtatatgtc 240
 ttttaccggg cacattcccc ttgcctaaat acaagggctg gagtctgcac gggacctatt 300
 agagtatttt ccacaatgat gatgatttca gcagggatga cgtcatcatc acattcaggg 360
 ctattttttc cccacaaacc caagggcagg ggccactctt agctaaatcc ctccccgtga 420
 ctgcaataga accctctggg gagctcagga aggggtgtgc tgagttctat aatataagct 480
 gccatatatt ttgtagacaa gtatggctcc tccgtatctc cctcttcctt aggagaggag 540
 tgtgaagcaa ggagcttaga taagacaccc cctcaaacc attccctctt caggagacct 600
 acccttcaca ggacangtc ccccaaatga gaagtctgnt accctcatt tcttnatctt 660
 tttacttaaa ctcaaaggc agtgacaggn agtcaggggc aagacattac atttttcata 720
 ctttcccaca tctgaaaaa tgacagggga aactgcaaag cc 762

<210> 3272
 <211> 780
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(780)
 <223> n = A,T,C or G

<400> 3272
 ccttttctaa tgcttggcat ttnaatcctt gttgatccct cgattttnaat tcggcagcag 60
 gcactgcgtc aagccactcc tggagaagaa tgatgtggag aaagtgggtg tgggtgatttt 120
 ggataaagag caccgcccag tggagaatt cgtctttgag atcaccagc ctccactgct 180
 gtccatcagc tcagactccn tgttgnctca tgtggagcag ctgctccggg ccttctatcct 240

gaagatcagc	gtgtgcatg	ccgtcctgga	ccacaacccc	ccaggctgta	ccttcacagt	300
cctggtgcac	acgagagaag	ccgccactcg	caacatggag	aagatccagg	tcatcaagga	360
tttcccttg	atcctggcgg	atgagcagga	tgtccacatg	catgaccccc	ggctgatacc	420
actaaaaacc	atgacgtcgg	acatttttaa	gatgcagctt	tacgtggaag	agcgcgctca	480
taaaggcagc	tgaaggggca	cctgcacccc	actgatgccc	aaactgtcag	actttggggg	540
atccccgcct	tagggcagtg	ctgcatggct	gccctgattc	caaagtgtc	ttatcgctc	600
tgtgtgtggg	atcgcccgcc	ccaaccccg	ggccgcttna	gtcttgcttg	gnaggatgcc	660
ttcccccagg	anggcagtga	ngggatgccg	caacctngac	ttnttannct	cctgggggtt	720
ccgccgggcn	aaaactggct	gncttaaata	ctgggcttgg	nagttgtttc	aataaaaagg	780

<210> 3273

<211> 926

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(926)

<223> n = A,T,C or G

<400> 3273

gnnnnnnttn	tanncccttt	tcnaatnctt	ggaatttgac	ntcgttgtnt	gatcccatcg	60
attcgaattc	ggcacgagag	aagttctagc	acatcttaat	tnccttnata	gtttaattga	120
tgaagagcat	tgntgaagag	ttaggaggtc	tccctttgtc	ctacattntc	cgntttttta	180
gaatgagaag	atgagaacga	cctccagttc	acatgacggc	tgcngngagg	atccagtang	240
ggagatacac	tgctcagcac	caagcatgtg	caagtgaagc	caatccaatt	ttacatcatg	300
ttaccctcc	aggacagttg	ctttgacgtg	gaaggtatag	agggagttga	aaggangggt	360
tgcatggttg	gcagangtgc	cctgcagcct	tccntncaa	gctgnaancc	gttntgncc	420
ncctggaanc	ngttggaag	tgtgtggtat	ggnatgaaga	tcccattttg	actctgttcn	480
tgatcttgnt	tactnaagtg	anccttgttc	nttgacngta	ttggatgatn	cattgatcct	540
anctatccct	taactgggtcg	ggtgntgctn	cngggggaca	ttgntttttn	nncaatttcc	600
aatgcatncc	ttnnngnanc	tnttctctgt	cacanccanc	caattnaatt	natancctgt	660
gnattngaän	ccnaanttcc	cagggccgtn	ngntagtctn	tntaaaanng	ggntcaanta	720
aantttnnnt	atgancctn	tngtataann	ttttntaacc	atnggnntnt	atgncnantt	780
ncaacctgng	gttntctctn	ataäctnggc	nnttttgtaa	attcnnngtn	tnntntgata	840
atntacnttn	ttttcttttn	tnagnggctt	tatntcaaan	taatccncga	atanntaata	900
taattgttct	atnnatgnna	ncngcc				926

<210> 3274

<211> 789

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(789)

<223> n = A,T,C or G

<400> 3274

aggnnnnttg	taannccnta	ctgaaatcct	ttgnatcncc	tenttgtttg	acccattnat	60
tcgggcccgt	tattctctct	ttacagatag	ctatagacat	catttttagga	agtgttgacg	120
tctggcattt	gtgctattgt	tcattctctg	tgaaggctgt	tcatagttgc	tatagcctgt	180
gtttgatttt	gtgatttcat	caatcccac	tttcögcgng	antaatgcat	tctaaacatc	240
ctacccact	ttagaaacgg	acgtggggaa	cgcttggtca	tttaagccaa	caataaattt	300
aggtgaatgt	ccctaagtgt	ttactgnttt	tatccagtca	aggatttgct	tttcttgaa	360
catttgtttt	aaattctggg	gccaaaatgc	aaaggagaag	ttctattcaa	aggcagtagt	420
tgaaatctat	tatttttagtt	agcctacttg	gcatttacta	catcggtcac	ttctccaggc	480
tgccctaaat	taggttgatg	gagtgaagaca	tgccaaacat	tcacctttgg	gaccatagca	540
tagttaaaat	taaatgtagt	tggaatagct	agcattgcag	ctacagtagg	ggaactgtag	600
tctanttccc	ctcagaaaaa	cccaaggagt	tgaanggaca	ggattttgnc	tangcnaaaa	660
atctaagact	cgtgcccttc	tggtacatng	gggttttaag	actggaatgt	gtaataggag	720

cactgccttt gcccaatcna atgantgaca gggttaactnn gaaaatggga caatcacatt 780
tccncttac 789

<210> 3275
<211> 814
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(814)
<223> n = A,T,C or G

<400> 3275
gnnnnnnnng tnnnnntttn aaancccttt tcaaatnct tggcattgaa tccttgacaga 60
tcccatcgat tcgaattcgg cactgagatc agacaatatt ttattatttt ttcatagatg 120
ttctgccaca caaagaactt ggggtgtaag gataaggcaa aagctccaat cccatttttc 180
agttctccta ggatgcaccc ctcagggagc ctggccagag ttccgnngcc cgtgagcgtc 240
agctgttgct ttattttcca tcaaagccct ctgagaagtg agacctcagc aattccggga 300
gccacataga gacagacttg gcaagggacc ccctggntct gagccagtag ctgccatctg 360
gaaattcctc ttttagcctc tccttagagg tgaatgtgaa tgaagcctcc aggcaccgcg 420
tgaatttctg aggccttgct taaagctcag aagtggttta ggcatttgga aaatctgggt 480
cacatcataa agaacttgat ttgaaatgtt tttctataga aacaagtgtc aaagtgtacc 540
gnattatact tgatgttggt catttctcaa gtccatttct tcagntctat natnttagaa 600
cctangtcag ttctttaagn attataactg gncctacatt aaaaaaatgc ttctcgaaaa 660
aaaaaaaanna tnnnantaca aannaaaaan cttcgaccct ttaaacctt ttggggngcn 720
gatttacctn ngaancccgga cctgatnaga aancntgggt taaagtntgg anaaacccca 780
cctnnaaagg cnagggnaaa aaaaagcccn tttc 814

<210> 3276
<211> 800
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(800)
<223> n = A,T,C or G

<400> 3276
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tcgctgacaa cttgattggg ttctccttca ggtttgaagc gccctcgaga agtgtctaaa 120
ggagacagt gatagccaaa caacagtttt ggattcactg actgattatg aaagaagcag 180
tagactggta tcaagaatca gtcagcaagg aggcctcac cagacgccag tgccatgttc 240
ttggacttct cagcctccat attcatgaac taagtgtttg gaatccttag gcttccacgt 300
gtggaaagcc tgagctaacc tactggagga tgagccatca cctggagcag attcaggcca 360
tcctagttag agcctcccta ggccaagcaa ccgtccaaact accagacatt gaccattcag 420
ccttgaacat tcagcacaac gacaaaacag accagaccag aagagtcca cagaatangg 480
gaaactattc agagaaaact taagccacta agttttatgg ngntttgttc tgtagcagaa 540
gcataggcat actgacaata caaaccgaaa tccttctaac gtagtggacc ttttcaggcc 600
agcatttttt tcttgaaaac ctggagcatg tattccatct tatagcagag atcactttca 660
caatgggttg ggctcttgga ttggaatgg atgatgtaat gaagccctct tntncagatt 720
ggnaactaat tactcttgga gaattgactn ggattccaca ccccttctta anaattntac 780
tttntctctt tttatcaaac 800

<210> 3277
<211> 817
<212> DNA
<213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(817)
 <223> n = A,T,C or G

<400> 3277

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cgattcgaga	aatcggaaca	aaagtagaag	ttgtggaaaag	gaaagaacat	ttgcatactg	120
acatttttaa	acgtggctct	gaaatggaca	acaactgctc	accaaccagg	aaagacttca	180
ctgaagatac	catcccacga	acacaggata	gaaagaanga	anccccgctt	gtatttttcc	240
agcaaataata	acaaagaagc	tcttagcccc	ccacgacgta	aagcctttaa	gaaatggaca	300
cctnctcggt	caccttttaa	tctcgttcaa	gaaacacttt	ttcatgatcc	atggaagctt	360
ctcatcgcta	ctatatttct	caatcggacc	tcaggcaaaa	tggaataacc	tgtgctttgg	420
aagtttctgg	agaaagtatc	cttcagctga	ggtagcaaga	accgcagact	ggagagatgt	480
gtcagaactt	cttaaaccctc	ttggtctcta	cgatcttcgg	gcaanaaacc	attgtcaagt	540
tctcagatga	atacctgaca	aaagcagtg	aaagtttnc	attgagcttc	atgggattgg	600
gaaatatggc	aacgactttt	taccggaatt	ttttggggcn	aatgaagtng	gaagcaaggt	660
gcaccttgga	gaacccccaa	nttaaattna	attttcatga	cttggctttt	gggaaaaaaa	720
anantgctt	nttaaaaaaa	aaacttgag	cctttttgaa	cttttgggn	gtcggnttta	780
cctagatccg	gaccttgnta	agntncnttg	gntggnc			817

<210> 3278
 <211> 785
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(785)
 <223> n = A,T,C or G

<400> 3278

gnnnnnnttt	gaaanccctt	tcnaatnctt	ggcattgntc	tctttgcagg	atccctcgat	60
tcgctgacaa	cttgattggg	ttctccttca	ggtttgaagc	gccctcgaga	agtgtctaaa	120
ggagacagtt	gatagccaaa	caacagtttt	ggattcactg	actgattatg	aaagaagcag	180
tagactggta	tcaagaatca	gtcagcaagg	aggccctcac	cagacgccag	tgccatgttc	240
ttggacttct	cagcctccat	attcatgaac	taagtttttg	gaatccttag	gcttccacgt	300
gtggaaagcc	tgagctaacc	tactggagga	tgagccatca	cctggagcag	attcaggcca	360
tcctagtgtga	agcctcccta	ggccaagcaa	ccgtccaact	accagacatt	gaccattcag	420
ccttgaacat	tcagcacaaa	gacaaaacag	accagaccag	aagagtccca	cagaataggg	480
gaaactatct	agagaaaact	taagccacta	agttttatgg	tgttttgttc	tgtagcagaa	540
gcataggcat	actgacaata	caaaccgaaa	tccttctaac	gtagtggacc	ttttcangcc	600
agcatttttt	ccttgaaaac	ctggagcatg	tatccatctt	atagcagaga	tcactttcac	660
aatggttggg	ctcttggtt	tgaattgatg	atgtaatgag	ccctctttnc	ngattgnaac	720
ttaattactc	tgggnatttg	ntggattccc	aaccttctaa	tatttacttt	tcctctttan	780
taanc						785

<210> 3279
 <211> 785
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(785)
 <223> n = A,T,C or G

<400> 3279

gnnnnnnttt	gaaanccctt	tcnaatnctt	ggcattgntc	tctttgcagg	atccctcgat	60
tcgctgacaa	cttgattggg	ttctccttca	ggtttgaagc	gccctcgaga	agtgtctaaa	120
ggagacagtt	gatagccaaa	caacagtttt	ggattcactg	actgattatg	aaagaagcag	180
tagactggta	tcaagaatca	gtcagcaagg	aggccctcac	cagacgccag	tgccatgttc	240

ttggacttct	cagcctccat	attcatgaac	taagtttttg	gaatccttag	gcttccacgt	300
gtggaaagcc	tgagctaacc	tactggagga	tgagccatca	cctggagcag	attcaggcca	360
tcctagttga	agcctcccta	ggccaagcaa	ccgtccaact	accagacatt	gaccattcag	420
ccttgaacat	tcagcacaaa	gacaaaacag	accagaccag	aagagtccca	cagaataggg	480
gaaactattc	agagaaaact	taagccacta	agttttatgg	tgttttgttc	tgtagcagaa	540
gcataggcat	actgacaata	caaaccgaaa	tcctttctaac	gtagtggacc	ttttcangcc	600
agcatttttt	ccttgaaaac	ctggagcatg	tatccatctt	atagcagaga	tcactttcac	660
aatggttggg	ctcttggatt	tgaattgatg	atgtaatgag	ccctctttnc	ngattgnaac	720
ttaattactc	tgggnatttg	ntggattccc	aaccttctaa	tatttacttt	tcctctttan	780
taanc						785

<210> 3280

<211> 785

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(785)

<223> n = A,T,C or G

<400> 3280

gnnnnnnttt	gaaanccctt	tcnaatnctt	ggcattgntc	tctttgcagg	atccctcgat	60
tcgctgacaa	cttgattggg	ttctccttca	ggtttgaagc	gccctcgaga	agtgtctaaa	120
ggagacagtt	gatagccaaa	caacagtttt	ggattcactg	actgattatg	aaagaagcag	180
tagactggta	tcaagaatca	gtcagcaagg	aggccctcac	cagacgccag	tgccatgttc	240
ttggacttct	cagcctccat	attcatgaac	taagtttttg	gaatccttag	gcttccacgt	300
gtggaaagcc	tgagctaacc	tactggagga	tgagccatca	cctggagcag	attcaggcca	360
tcctagttga	agcctcccta	ggccaagcaa	ccgtccaact	accagacatt	gaccattcag	420
ccttgaacat	tcagcacaaa	gacaaaacag	accagaccag	aagagtccca	cagaataggg	480
gaaactattc	agagaaaact	taagccacta	agttttatgg	tgttttgttc	tgtagcagaa	540
gcataggcat	actgacaata	caaaccgaaa	tcctttctaac	gtagtggacc	ttttcangcc	600
agcatttttt	ccttgaaaac	ctggagcatg	tatccatctt	atagcagaga	tcactttcac	660
aatggttggg	ctcttggatt	tgaattgatg	atgtaatgag	ccctctttnc	ngattgnaac	720
ttaattactc	tgggnatttg	ntggattccc	aaccttctaa	tatttacttt	tcctctttan	780
taanc						785

<210> 3281

<211> 800

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(800)

<223> n = A,T,C or G

<400> 3281

gnnnnnnttt	nnnnnnnngt	ttcnaatnct	tggcattgat	ccnttgnttg	atcccttnat	60
tcgctgacaa	cttgattggg	ttctccttca	ggtttgaagc	gccctcgaga	agtgtctaaa	120
ggagacagtt	gatagccaaa	caacagtttt	ggattcactg	actgattatg	aaagaagcag	180
tagactggta	tcaagaatca	gtcagcaagg	aggccctcac	cagacgccag	tgccatgttc	240
ttggacttct	cagcctccat	attcatgaac	taagtttttg	gaatccttag	gcttccacgt	300
gtggaaagcc	tgagctaacc	tactggagga	tgagccatca	cctggagcag	attcaggcca	360
tcctagttga	agcctcccta	ggccaagcaa	ccgtccaact	accagacatt	gaccattcag	420
ccttgaacat	tcagcacaaa	gacaaaacag	accagaccag	aagagtccca	cagaatangg	480
gaaactattc	agagaaaact	taagccacta	agttttatgg	ngntttgttc	tgtagcagaa	540
gcataggcat	actgacaata	caaaccgaaa	tcctttctaac	gtagtggacc	ttttcaggcc	600
agcatttttt	tcttgaaaac	ctggagcatg	tattccatct	tatagcagag	atcactttca	660
caatggttgg	ggctcttggg	tttggaatgg	atgatgtaat	gaagccctct	tntncagatt	720
ggnnaactaat	tactcttggg	gaattgactn	ggattccaca	ccccttctta	anaattntac	780

tttttctctt tttatcaaac

800

<210> 3282

<211> 828

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(828)

<223> n = A,T,C or G

<400> 3282

ttctaattngc	ttggttactc	gcctttctgt	aggatcccat	cgattcgaat	tcggcacgag	60
gcaagccagg	agtgcctgga	caggcctgtg	gtcgcancta	ctcnggaggc	tnacgccgga	120
ggatcgcttg	agccancag	gtcaaggcta	cantnagccg	tgatcatgcc	actgcactnc	180
aaactgngng	acacagngag	accctgtctn	ttaacaacan	ancccatgag	cggcangccc	240
cccagtctgg	atggtggtaa	agaatcctta	agatcaaacc	cacgcagtgc	ttaaagcttg	300
gectgattct	agggctgggg	ctggacaaac	tgctanagat	natgccgata	gccngtgtga	360
tccccctgnc	ctgatngtna	anggcatagt	gcagantgga	accctttccc	tccccaaaan	420
attcagacct	gnngggctga	gtgggcctta	ttgagtcctc	aaagttctga	gaanctnggt	480
ntctggcttt	tagccttcag	ctttcttagg	ttntgatgca	atnagttgng	ttccccctgcc	540
cttttcttgc	catgcacttn	cgaangaang	gtttncnggg	ttgentggga	ancnttnccc	600
naacngcctn	ttanccaccn	naagnttttn	nngaatacanc	acttccctnn	gggggggaat	660
acttttaaat	nccggaagnc	ctttnaacnc	ccttgggntc	cttccccnga	ntaccaagc	720
ttnaaatcca	aaattaccgg	natcnttagg	gctttgtagc	ntntggggttn	ggntttgcnt	780
ntttttctct	aanctttntt	tnaataaacc	aatttcttnt	gnnacncc		828

<210> 3283

<211> 898

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(898)

<223> n = A,T,C or G

<400> 3283

ttgtanncct	tttctnatag	cttggtcttg	actccttggt	gatcccttnt	ncnaattcgg	60
cacnggatta	cctncaaatc	tcaaggcggc	cttgaacatt	gagaaagaac	taccaaagcn	120
tagacacgtt	ttcagaagga	agacagcctc	ctccaggagc	atcttaccgg	acctcttgtc	180
accgtacca	atggcgatcc	gagcnanccg	actggangag	agccgagcgg	cggcgctccg	240
agagctccag	gagaagcagg	ctctgatgga	gcagcagaga	cgagagaaaa	gggcactgca	300
ggagtggaga	gagcgagccc	agaggatgag	gaagaggaag	gaagagctca	gcaaactcct	360
gcctccgcgg	aggancatgg	tggcatcaaa	gattcctctg	ccacanatct	gatagataac	420
aggaaagtcc	cactgaatcc	gcctggaaaa	atgaaaccaa	gcaaagagaa	atcgccacan	480
gcaagtaang	aaatgagtgc	cctgcangag	agaaatttag	nagagaagat	tnaacagacc	540
gttcttcaaa	tgcgtttagc	cnangaagan	ttccttgggc	tatgccccca	cttggttaagg	600
aanatttnatn	naaaaggctt	nncctnangg	gnnttctggg	aaaatttggc	ccaccantat	660
gnntnnncntg	ggnatttgaa	aaantatttt	tgganaaagc	cttaaanaat	tttgggggga	720
atttaaacc	tttgtaacc	caataggtat	ttggtatnta	actgggggtn	ggngnncctt	780
tnacttgggg	aaaacntttt	tccctttggg	cccttngccc	tgtcagcnac	naatgctttn	840
taaaaattnc	cttttatttt	taacctcnan	atattttggg	ttaaatattt	angnancc	898

<210> 3284

<211> 705

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(705)
 <223> n = A,T,C or G

<400> 3284
 nctaagtctg ggctctcgtt ctttccgcag gancccatcg attcgaaaaa ttgtgatgta 60
 agtgggtacag tggggagaat ttagggtctt cagaatgcag aaaactagcc acctccagtt 120
 ctgtgcctga ccaccatctg actttggata aatcccttct gctctccac ctagctttat 180
 catttgtaaa atgagtctct aggtacagcc ctttctgggg ttgagacaga gtttctgagg 240
 agtaaaagcc atgtcattgt ggaaacaggc agctattctc acagctggca tgagcccact 300
 actcccctat aatcagtgct gataaactgc tctcatttgt tggacttcag actttcctga 360
 cccactttga atgggggcca ctttgaatgg aaactttcta tgtattgaat taaaagatct 420
 ccaagataaa tgggttaaatg aaaaagcaca gtgcaaaatg gtgcatatga tatcctacct 480
 tttgggtaaa ataaaaaaa aaaaaaaaaa aaaaaactcg agcctctaga actatagtga 540
 gtcgtattac gtagatccag acatgataag atacattgat gagtttgac aaaccacaac 600
 tagaatgcag tgaaaaaaat gctttatttg tgaaatttgt gatgctattg ctttatttgt 660
 aaccattata agctgcaata aacaagttaa caacaacaat tgcatt 705

<210> 3285
 <211> 701
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(701)
 <223> n = A,T,C or G

<400> 3285
 gnnngnnctaa tgctggctac ttgttctttt ngcaggatcc catcgattcg aattcggcac 60
 gagtttacat tttgtttgaa tcaggatcca aataaggttt aaatattgca atttgattaa 120
 tacattaaga ttcttttaat ctataagttc ctgctccatc tgtcatttta tttttatccc 180
 ttgaaattta tttattgaag aaactatata ctttgctttg taaaattttc cacagtgtgg 240
 ctggcctttg ctgattgcta gcgtcatttg ctatttattt ttgtcctgta tcttgatct 300
 ggcgccttga tcagattttaa gttgattttt ggggacgtaa ttacttcata ggtattatgc 360
 atttttggat agaggagtaa agtagtgaaa gtaatgtttt taggatgggt tgtctggcag 420
 cagtgtgcaa aatgaattgg tagaggagaa atggagagct gcgaattaga aggcagggtc 480
 aatcagtgca ggaaggaaag gctacagtaa ggcagaggca gggaaaagaa aggcaataga 540
 gatgagagag attttgaaag aaggaatttt caataccttt taggcttaac tataagaaat 600
 ggagagtcgg ctgggcatgg tggctcatgc ctgtaatccc agcactttgg aaggccaagg 660
 ccagtggatc acctgaggtc aggagttaa gaccaactcg c 701

<210> 3286
 <211> 705
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(705)
 <223> n = A,T,C or G

<400> 3286
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 ttatatattga ttttgcatta ctgtttcaca atgaagcttt ctttaaggct ttgattttta 120
 tgattatgaa agaaataagg cacaaccaca gtttttcttt cttaaatttc atcactgttg 180
 atgtggttct tttgtgttaa aaaaaaaaaa tgcaactatc aaaactaaaa aattatagag 240
 taatattgcc gttctgctga ttttaaatat acaatacatc atacatactt tacaagcaag 300
 ttaaattggag ataaagttag aatcatagaa gatgcaaatg acctttcaaa atcaacacaa 360
 tgtgttctga aactttcgtg actaatacca tgcattctgtg atcaatgaac tatgtggttt 420
 tgaatcggat gtagaccatt agtactacta cttgagctaa acttctgcat gggttcataat 480

ttttaaagtg	tgtagttaat	atgcatgtta	tcgtcctttc	ttccattctt	aacagtatgt	540
gcccatattg	aaaacaaaaa	tgctaataat	cagtaatagt	cctataaaaag	atgttaactc	600
tgtttagtca	ttgactgata	ttgctctaac	cttaaaattt	tgtgattatt	gacctctgtt	660
gcattttatt	taaagcccc	caaaaattat	ctagccgttt	cgaag		705

<210> 3287

<211> 700

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(700)

<223> n = A,T,C or G

<400> 3287

nctaagtctg	gctatngttc	tttntgcang	atcccatcga	ttcgaattcg	gcacgagcca	60
agcgcagccg	attctgcccc	ctacgattgg	ttcggggact	tctcctcctt	ccgtgccctc	120
ctagagcccg	agctgcggcc	cgaggaccgt	atccttgtgc	taggttgccg	gaacagtgcc	180
ctgagctacg	agctgttcct	cgagggtctc	cctaagtga	ccagtgtgga	ctactcatca	240
gtcgtggtgg	ctgccatgca	ggctcgtat	gcccattgtc	cgcagctgcg	ctgggagacc	300
atggatgtgc	ggaagctgga	cttccccagt	gcttcttttg	atgtggtgct	cgagaagggc	360
acgctggatg	ccctgctggc	tggggaacga	gatccctgga	ccgtgtcctc	tgaaggtgtc	420
cacactgtgg	accaggtgtt	gagtgaagtg	agccgcgtgc	ttgtccctgg	aggccggttt	480
atctcaatga	cttctgctgc	cccccacttt	cggaccagac	actatgccca	agcctattat	540
ggctgggtccc	tgaggcatgc	tacctatggc	agcgggtttcc	acttccatct	ctacctcatg	600
cacaagggcg	ggaagctcag	tgtggcccag	ctggctctgg	gggcccacaa	cctctcaccc	660
cccagacctn	ccacctcacc	ttgcttctct	caggactcaa			700

<210> 3288

<211> 704

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(704)

<223> n = A,T,C or G

<400> 3288

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gagctgtgat	ctgccccag	gtattctgac	ccccaaactg	gctctcaacc	atgtttacat	120
gatgaaaaga	agaggtgact	gttgatcag	ctctaaaggc	ctcacttttg	gtgaaatggg	180
acctaaattt	gattgcatac	ttgattactt	gctgtcaata	ctgaaattgg	cacttcataa	240
ttttaatact	attgaacttt	caccataacc	ctgtcctata	aagttgactt	gcaaatgaag	300
aaactctatc	tcttcaatat	tataaaatat	atccaagagt	cacaactagt	gagaaaagga	360
caggatctaa	ctaacaatgt	gaggctgtgt	cttcacacca	attcaacaga	gtatcttgta	420
aatgttgaga	ggagaggtag	tttaggtcat	gggtgtcttt	caataagtgc	tttagaaaac	480
aggtgacaac	tgattggggc	ttgaggtatg	aatggattta	gccaggcaat	taaataaggaa	540
agcagatact	caagacagat	taaaacagct	tgagagaagt	gaaatgagca	agtgtgaagac	600
aattgatact	gtccatggat	tttagaaaagt	gtgaagtggg	gtgattgtga	tgaagcttga	660
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<210> 3289

<211> 704

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(704)

<223> n = A,T,C or G

<400> 3289

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gagctgtgat	ctgccccag	gtattctgac	ccccaaactg	gctctcaacc	atgtttacat	120
gatgaaaaga	agaggtgact	gttgatcag	ctctaaaggc	ctcacttttg	gtgaaatggg	180
acctaaat	gattgcatac	ttgattactt	gctgtcaata	ctgaaattgg	cacttcataa	240
ttttaatact	attgaacttt	caccataacc	ctgtcctata	aagttgactt	gcaaatgaag	300
aaactctatc	tcttcaatat	tataaaatat	atccaagagt	cacaactagt	gagaaaagga	360
caggatctaa	ctaacaatgt	gaggctgtgt	cttcacacca	attcaacaga	gtatcttgta	420
aatgttgaga	ggagaggtac	tttaggtcat	gggtgtcttt	caataagtgc	tttagaaaac	480
aggtgacaac	tgattgggccc	ttgaggtatg	aatggattta	gccaggcaat	taaataggaa	540
agcagatact	caagacagat	taaaacagct	tgagagaagt	gaaatgagca	agtgtgaagac	600
aattgatact	gtccatggat	tttagaaaagt	gtgaagtggg	gtgattgtga	tgaagcttga	660
aagattgcct	ggggccaggc	tggtgaangc	ttggtttgct	tant		704

<210> 3290

<211> 700

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(700)

<223> n = A,T,C or G

<400> 3290

ctaagtctgg	ctctngttct	ttcngcagga	cccatcgatt	cgcagagatc	aaacaattgt	60
agatcccttc	agttcaaaac	ataatgtgat	tgtgggcaga	aatggatctg	gaaaaagtaa	120
ctttttttat	gcaattcagt	ttgttctcag	tgatgagttt	agtcattctc	gtccagaaca	180
gcggttggt	ttattgcatg	aagggtactg	tcctcgtggt	atttctgctt	ttgtggagat	240
tatttttgat	aattcagaca	accggttacc	aatcgataaa	gaggaagttt	cacttcgaag	300
agttattggt	gccaaaaagg	atcagtattt	cttagacaag	aagatgggtca	cgaaaaatga	360
tgtgatgaac	ctccttgaaa	ggcgaacagc	accagattct	tcctcgaagc	aatccttatt	420
acaaggaaag	atcaaccaga	tggcaacagc	accagattct	cagagattaa	agctattaag	480
agaagtagct	ggtactagag	tgtatgacga	acgaaaggaa	gaaagcatct	ccttaatgaa	540
agaaacagag	ggcaaacggg	aaaaaatcaa	tgagttgtta	aaatacattg	aagagagatt	600
acatactcta	gaggaagaaa	aggaagaact	agctcagtat	cagaagtggg	ataaaatgag	660
acgagccctg	gaatatacca	tttacaatca	ggaacttaac			700

<210> 3291

<211> 704

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(704)

<223> n = A,T,C or G

<400> 3291

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ctttgctgaa	taaggatttg	aagccacaga	catttagaaa	tgcttatgac	ataccaagac	120
gaaatctttt	ggatcactta	acaagaatga	gatctaattc	tttgaagagc	actcgcagat	180
ttctgaaagg	acaggacgaa	gatcaagtgc	acagtgttcc	tatagcacia	atgggggaact	240
accaggaata	cctcaagcaa	gtaccttctc	cactaagaga	acttgatcct	gatcagccac	300
gaagggttga	tacatttggc	aacccttcta	agctggataa	gaagggtatg	atgatagatg	360
aagcagatga	atttgtggct	ggacctcaaa	ataaacataa	acgacccgga	gaaccaaata	420
tgcaagggat	ccctaaaaga	cgctcgtgta	tgtctccact	actaagaggc	agacagcaga	480
atcctgttgt	aaacaatcat	attgggggaa	aaggaccacc	tgacactaca	actcaagcac	540
agccagatct	tattaaacct	cttcctcttc	ataaaatttc	agaaaccact	aatgattcga	600

taatacatga	tgtggttgaa	aatcatgttg	cagaccaact	ttcatcagac	attacaccaa	660
atgctatgga	tacggaattt	tcagcatctt	ctncagccag	ttag		704

<210> 3292
 <211> 701
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(701)
 <223> n = A,T,C or G

<400> 3292						
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catgtaccag	gttgagtttg	aagatggatc	ccagatagca	atgaagagag	aggacatcta	120
cacttttagat	gaagagttac	ccaagagagt	gaaagctcga	ttttccacag	cctctgacat	180
gcgatttgaa	gacacgtttt	atggagcaga	cattatccaa	ggggagagaa	agagacaaag	240
agtgtctgagc	tccaggttta	agaatgaata	tgtggccgac	cctgtatacc	gcactttttt	300
gaagagctct	ttccagaaga	agtgccagaa	gagacagtag	tctgcataca	tcgctgcagg	360
ccacagagca	gcttggttg	gaagagagaa	gatgaaggga	catccttggg	gctgtgccgt	420
gagttttgct	ggcatagggtg	acaggggtgtg	tctctgacag	tggtaaatcg	ggtttccaga	480
gtttggtcac	caaaaataca	aaatacaccc	aatgaattgg	acgcagcaat	ctgaaatcat	540
ctctagtctt	gctttcactt	gtgagcagtt	gtcttctatg	atcccaaaga	agttttctaa	600
gtgaaaggaa	atactagtga	atcaccacac	aggaaaagcc	actgccacag	aggaggcggg	660
tccccttggtg	cggcttangg	ccctgtcagg	aaacacacgg	g		701

<210> 3293
 <211> 705
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(705)
 <223> n = A,T,C or G

<400> 3293						
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agtggtagag	tggggagaat	ttagggctct	cagaatgcag	aaaactagcc	acctccagtt	120
ctgtgcctga	ccaccatctg	actttggata	aatcccttct	gctctccac	ctagctttat	180
catttgtaaa	atgagctctt	aggtacagcc	ctttctgggg	ttgagacaga	gtttctgagg	240
agtaaaagcc	atgtcattgt	ggaacacagg	agctattctc	acagctggca	tgagcccact	300
actcccctat	aatcagtgct	gataaaactg	tctcatttgt	tggacttcag	actttcctga	360
cccactttga	atgggggcca	ctttgaatgg	aaactttcta	tgtattgaat	taaaagatct	420
ccaagataaa	tggttaaatg	aaaaagcaca	gtgcaaaatg	gtgcatatga	tatcctacct	480
tttgggtaaa	ataaaaaaaa	aaaaaaaaaa	aaaaaactcg	agcctctaga	actatagtga	540
gtcgtattac	gtagatccag	acatgataag	atacattgat	gagtttggac	aaaccacaac	600
tagaatgcag	tgaaaaaaat	gctttatttg	tgaaatttgt	gatgctattg	ctttatttgt	660
aaccattata	agctgcaata	aacaagttaa	caacaacaat	tgcat		705

<210> 3294
 <211> 710
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(710)
 <223> n = A,T,C or G

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<400> 3294
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gagctctatc ttgtttattg ttgatgccat cttagaggaa aaaatgtaaa ggtaagtaat      120
taagcatatg acagcaacaa ataagatact tataacctaa tgggacttta ttttgtagtt      180
ttatgtatta caaaaaatcc acctttctct aaggggaagt ttgtacccca ttgattcttg      240
gtgccttttg gatcgactgg gttttaatgg cctagtattt tgaggatttt gctgtgttgt      300
tttccatgtc ttctctggtc accttggatt atatataaaa atacaggaaa tagataaaca      360
tgaatgtgat taataatgct gaaaaagtat tagcctacca aagacacact caggccttag      420
tgaataactt tacataacct cagtttttaa cacatgcata tcttctccaa ccatgaaatc      480
aaagcacggt gcagaacttg taccaagtac aaaaggtcca tgtatgatta gcattatatt      540
cttttgcttt tgtttatgga caatgttcag ctgacataag cagaagttgg ccaaaatact      600
gcctgtactg ttaatttcct gtataattca cttaaataaa agcagggtta cctcaatgat      660
agcagttaaa atgttctatc ttatgtattt cttttaagta ttaccattan      710

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<210> 3295

<211> 1073

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1073)

<223> n = A,T,C or G

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<400> 3295
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aaagagtgca ggcgcacgca aaacttgtgg aagaacagaa tgcagagaag gcgaggaaaag      180
ccgaagagat gaggcggcag cagaagctaa agcaggccaa actgggtggag cantncatat      240
annanntctg gtcgctntn gnctntttgt ttantcnnat centccccct ncnctctnc      300
tnntccnccc tcttatnact tcntntttcc ntctttnttc tntnccccct tcnctttnna      360
tcttccnntt ntntntntcc ntcccttctc ncnctnctc ttctctctnt cctcttcatt      420
ctntccnctc ccttctctct ttcactctcn tcncttctct tctctattct ctctnntcnn      480
tntcttctcc tatccactna cntcctntct ctctcatcnn atctcatnnc tctctctcat      540
ncntanntct tctctccact ttctctctac natntctcnc tactctctna tcananacct      600
ctntccntc ttctatcnct ctctactnct ctctctctct tactatctct ctntctnttc      660
tttctctnnc ntctctcac ttctactnt tatttctctn nttctcatca gtctcttntc      720
atctctttct ctncngttta ctntctnctat ctctatctc tntctatntct ccttctctct      780
cctcctatnt ctanacatn tctctnctat ctntntctct ccttttctc cgtctcnacc      840
aantncttnt acntgcntcc tcnccnctc ttctntttca tattctctct ctcttctntn      900
ttctnactct ctccctctct ctctnttct actgcntgct tctnactnnt ctccttanct      960
acanccatna ctccactcat ctcatctct cncctnctc tctctcnct ntntttctct      1020
ncttntatc catnttctnt cntnctctt ctctcacact actntctct nnt      1073

```

<210> 3296

<211> 706

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(706)

<223> n = A,T,C or G

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<400> 3296
ctaattgctg gnnctcgtt ctttccgcaa canccnngcg antcgaattc ggcacgaggt      60
ccgaagaaaa agactgtggt ggcggagatg ctctctcaa tggcatcaag aaacacagaa      120
caagtttgcc ttctcctatg ttttccagaa atgacttcag tatctggagc atcctcagaa      180
aatgtattgg aatggaacta tccaagatca cgatgccagt tatatttaat gagcctctga      240
gcttcttaca gcgcctaact gaatacatgg agcatactta cctcatccac aaggccagtt      300
cactctctga tcctgtggaa aggatgcagt gtgtagctgc gtttgctgta tctgctgttg      360

```

cttctcagtg	ggaacggact	ggaaaacctt	tcaaccact	gctgggagag	acttatgaat	420
tagtgcgaga	tgaccttga	tttagactca	tctccgaaca	ggtagccat	caccaccaa	480
tcagtgcatt	tcatgctgaa	ggattaaaca	atgacttcat	ctttcatggc	tctatctatc	540
ccaaactgaa	attctggggg	aagagtgtag	aagcagaacc	caaaggaacc	atcaccttgg	600
agctccttga	acacaatgag	gcatatacat	ggacaaatcc	cacctgctgt	gtgcataata	660
tcattgtggg	taaactgtgg	atcgaacagt	atggcaatgt	ggaaat		706

<210> 3297

<211> 709

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(709)

<223> n = A,T,C or G

<400> 3297

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acagcccaa	tccgggagca	ggagggcctc	ctgccttggc	atatagacc	ctgggcgcct	120
ccctgggatg	ccaacaggc	ccagggatcc	acctagggtg	gtttggcaac	cctgggtgatg	180
gcagtggtag	tggcacatcc	tgcttttga	gccagccctc	cgtcacacgg	actgtgcaga	240
aggatggacc	caacaagggg	cgccagttcc	acacatgtgc	caagccgaga	gagcagcagt	300
gtggcctttt	ccagtgggtc	gatgagaaca	ccgctccagg	gacttctgga	gccccgtcct	360
ggacaggaga	cagaggaaga	accctggagt	cggaagccag	aagcaaaagg	ccccgggcca	420
gttcctcaga	catgggggtc	acagcaaaga	aaccccggaa	atgcagcctt	tgccaccagc	480
ctggacacac	ccgtcccttt	tgctctcaga	acagatgagc	tcagggtagg	gtagagaacg	540
ccactttctc	agacctgtcc	cctttgtgtt	tagaaatgag	ttaaccagga	ccaagtggcc	600
athtagtgtc	ctggaaactt	agaggacagt	gttggccttt	ggagtccggc	cttcttgtgt	660
taaggggcac	aaggtccaga	tcactctgga	gcaggccagc	ttctgttg		709

<210> 3298

<211> 709

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(709)

<223> n = A,T,C or G

<400> 3298

gtncnaatng	ntntgtagat	cganntagcc	taaacaaatt	ggcttgncgc	cccttccttc	60
tgtctctgga	gaccttgac	ttggggaaat	atggaggggt	gtgtgtctgc	aatcaaggcc	120
tctgcagctc	acggctggcc	cggtgggctg	ggacttccgt	ctgaatttta	aataacttagg	180
gttcattttt	ttttctctgg	caacaaagct	tgatgttttc	actgcttttag	tttctgtttt	240
gctggtggga	ggggatacgg	tctgtgactc	tggacttgct	ctgggggaac	agttgtcact	300
gcccccgggg	agaggggcag	cttgggctgg	agaagcacag	ccagagacag	agccccctcga	360
gagggatcct	tggctgcttc	attgtcttcc	ccccagcaag	ccctgctctc	cacaggcacc	420
tctggggctc	tggtatggtc	cccgctcacc	tccttcacaga	gtcctgagtg	gtgtgggtgt	480
gggtggcaca	ggatctgggg	catgggangg	gtcagagctt	ccagagcccc	ntgtcctgnc	540
anactcagct	ngtgggctgg	ngtgttaacc	ccagtccctg	cgtangttta	cagnctctca	600
aggtacntng	nccectgntc	tcctgggana	nangnntcnn	tnatgatccc	taccaaagca	660
catgtnggat	naaggctgnc	nnntgcnttg	nntcganagc	cngaagccc		709

<210> 3299

<211> 783

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(783)
 <223> n = A,T,C or G

<400> 3299
 gtaantaatt anctgnagct cgaantagcc taaacanatt ggctngncga attcggcacg 60
 agacccgagg ctcggtgtac taggtgcgaa tgccgccttc tgtggtgacc actgtcttct 120
 catcctttgc acctatagga ggtgagtgcc tttggggaag acggcgaggg cgacgacctg 180
 gacctatgga cagtgcgctg ctctggacag cactgggagc gtgaggctgc tgtgcgcttc 240
 cagcatgtgg gcacctctgt gttcctgtca gtcacgggtg agcagtatgg aagccccatc 300
 cgtgggcagc atgaggtcca cggcatgccc agtgccaaca cgcacaatac gtggaaggcc 360
 atggaaggca tcttcatcaa gcctagtgtg gagccctctg caggtcacga tgaactctga 420
 gtgtgtggat ggatgggtgg atggagggtg gcagggtggg cgtctgcang gccactcttg 480
 gcagagactt tgggtatgta ggggtcctca agtgcccttg ngattaaaga atgttgggtct 540
 atgaaaaaaa aanntnnccc antcnccaan ncnttctnnc nnanctcnnt tnntnctncc 600
 antttnnct ntncncccta ntctnccnct acttccnatin naccnataca tccccntcac 660
 ttnattaant ccnatnttan antngcnenc tnntcnmacn ntcttctcat acntggtntn 720
 atcanttctc tanatcctct ctcnctctc cgncgctnna ctnttctctn tancactcac 780
 cct 783

<210> 3300
 <211> 705
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(705)
 <223> n = A,T,C or G

<400> 3300
 atgtcgganc taatnctggc ntctcgttct ttccgcagca cccnccgattc gaattcggca 60
 cgaggcctgc tgcttcatgc cgccggcgtc ctgctccacg tctctgtgct gctgggccct 120
 gcactgtcgg ccctgtctgc agccacacg cccctccaca tggctgccct cctcctgctt 180
 ccctggctca tgttgctcac aggcagagtg tctctggcac agtttgctt ggccttcgtg 240
 acggacacgt gcgtggcggg tgcgtgctg tgcggggctg ggctgctctt ccatgggatg 300
 ctgctgctgc ggggccagac cacatgggag tgggctcggg gccagcactc ctatgacctg 360
 ggtccctgcc acaacctgca ggcagccctg gggccccgct gggccctcgt ctggctctgg 420
 cccttcctgg cctccccatt gcctggggat gggatcacct tccagaccac agcagatgtg 480
 ggacacacag cctcctgact ccaggaagag ccagagctgt gcagggagga aggggtgaga 540
 ggggggcccc cacacctaga ctacagtaagg aagtcgggtt ggaccttaac atctgcattg 600
 gacaactcca ccccttctt ggcttgccc ctgcccgcct acactcctac gtgtccaggg 660
 cttgggcccg tgacttangg agaggagtgc agaggagggt ctggc 705

<210> 3301
 <211> 710
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(710)
 <223> n = A,T,C or G

<400> 3301
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 ctncctntac tcnctggatg tgtgtaccta gcacacttcc ttctccacc cctttttcca 120
 gttggatttg tttttctgtt ctcttctgtc ctgtcttata ctgcaactgt gtctcctagg 180
 ggacagatgg ccttctttgt catcttcaact ctccaccccc agagaggagt cagagccata 240
 actcaatcac tcagccctc caaagatagt tgatgtgtga taatctcata atgttgagaa 300
 ccctgatgag atacattgtc ttcctctccc tacaatgcct ctggggccaa ggcaccatt 360

cttcttgcta	tectccatcc	cccttgaggc	ttccactttt	ttttttttta	gacataaagc	420
tgggcatcag	caactggcct	gtgggtgatgc	aaagctgctt	tgctctgnat	ctggctggac	480
tgatctgtct	cacaagaagc	catgaggcca	tagggagaag	ctccctctcc	ccttcatctt	540
ctgctccaaa	gggtgtanca	agaggagtac	ccagttaggg	gttggagccc	ccatatnaca	600
tcttctgtc	agaagactga	tggatctttt	tatttccaac	catctccctt	ttcccccgat	660
gaatgcaa	naaacttttg	tgacaccagc	aaccattgc	tctttanaat		710

<210> 3302
 <211> 709
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(709)
 <223> n = A,T,C or G

<400> 3302						
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gcacgagggga	ctaacttaca	gaggagctgt	gtatcctgaa	gattcagcga	ctggcaagga	120
atttccttg	gagcaatgtg	tgagggaggc	catctgagga	gatctgtggc	tttcttttgt	180
tgtgggaatc	tggcttatgg	atgaatctac	gacacaggat	tgtgaaatta	cagctctttg	240
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tggtgagttt	gggtccttga	gagtctat	tctttcacac	ccatcagcac	tgtaagtaa	360
gcaggaagac	aacctgaggt	tgtctcttta	ctttgagttc	ctacataata	aattgcagcc	420
taatttagta	cataaaacca	aacctaat	aggagtaaat	tttttgtagc	agatagccag	480
atttcagcca	atcacaggct	tccagctaac	aagactatgc	ccaaataagg	caaatagcctc	540
atcacatgat	gctcaaataa	ggcagccacc	taggcgaggc	caatcaggta	acttttctac	600
tttgcttaat	tggtcagcct	gtacaaat	gctgcttatg	actgctgagc	agagctgtct	660
aaacctcttc	tggtttggag	tgctgcctta	tatatgaatt	gttctttgg		709

<210> 3303
 <211> 712
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(712)
 <223> n = A,T,C or G

<400> 3303						
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cacgtggggc	tcatctgtct	ggcggctctc	ctgcttctgc	tgtgtggtgt	cacagctggt	180
tgtgtccgg	tctgtgcct	ccggaagcag	gcacagggcc	agccacatct	gccaccagca	240
cggcagccct	gcgacgtggc	agtcacccct	atggacagt	acagccctgt	acacagcact	300
gtgacctcct	acagctccgt	gcagtaccca	ctgggcatgc	ggttgccct	gccctttggg	360
gagctggacc	tggactccat	ggctcctcct	gcctacagcc	tgtaaccccc	ggagcctcca	420
ccctcctacg	atgaagctgt	caagatggcc	aagcccagag	aggaaggacc	agcactctcc	480
cagaaaccca	gccctctcct	tggggcctcg	ggcctagaga	ccactccagt	gccccaggag	540
tcgggcccca	atactcaact	accaccttgt	agccctgggt	cccttgaag	gaggtaggag	600
aacggaccag	agcttggaga	actaatgctt	ggagccaagg	gccccagccc	acccccacgt	660
cccacacatt	gctgtggccc	caacctcggt	gccatgttac	accggccct	gg	712

<210> 3304
 <211> 707
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(707)
 <223> n = A,T,C or G

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<400> 3304
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gctaaaagca gaaaaaaaat tccatttcat cgggatggaa ctgaaggatt ttattctata      180
aagcgccctt gggtgaatct ggcaattctt ttgccaaga tccctagcag aagatttagc      240
catgtccttc cctcacttg tgtgagtggc cccttctgaa tctctccagc agccagaggc      300
acgtgagaag cagaaagagc tggtaaataa agccttgggc aagcgacttc ttagatcaga      360
actcacaaa tgggaagccta gcagctgctc cataaaccta gccccattct tcatatcaat      420
tttgtataaa tatatagaaa cacacacaca gcctcagact tacaaactga ttatactcta      480
aaagtttgta tgtcagttag ctaaaacttc agaatacatt tctccctata aagagttata      540
aatgatgggt tagttctcag gcagctacaa atgcctatct attccctaatt gtacctgaac      600
actagtacca tagaactgaa ccaccatctg tatcagcgca tggggagtgt gcattctgag      660
gtctaaccgg ggggtgccagg aacacacaca tcctccatcc cagcata      707
```

<210> 3305
 <211> 707
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(707)
 <223> n = A,T,C or G

```
<400> 3305
gnanctaata gcntgggcna ctcggttcttt ccgcagganc cctcgattcg aatcggcacg      60
aggagttttt tgtgatattg aggcattcat acagagctgc agttagacgg gggtacgggg      120
gctaaaagca gaaaaaaaat tccatttcat cgggatggaa ctgaaggatt ttattctata      180
aagcgccctt gggtgaatct ggcaattctt ttgccaaga tccctagcag aagatttagc      240
catgtccttc cctcacttg tgtgagtggc cccttctgaa tctctccagc agccagaggc      300
acgtgagaag cagaaagagc tggtaaataa agccttgggc aagcgacttc ttagatcaga      360
actcacaaa tgggaagccta gcagctgctc cataaaccta gccccattct tcatatcaat      420
tttgtataaa tatatagaaa cacacacaca gcctcagact tacaaactga ttatactcta      480
aaagtttgta tgtcagttag ctaaaacttc agaatacatt tctccctata aagagttata      540
aatgatgggt tagttctcag gcagctacaa atgcctatct attccctaatt gtacctgaac      600
actagtacca tagaactgaa ccaccatctg tatcagcgca tggggagtgt gcattctgag      660
gtctaaccgg ggggtgccagg aacacacaca tcctccatcc cagcata      707
```

<210> 3306
 <211> 703
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(703)
 <223> n = A,T,C or G

```
<400> 3306
ctaatagttg gctantngtt ctttttgcag gatcccatcg attcgaattc ggcacgagat      60
tagctgcttg tgggtggggc ccaaccgcc tcgggcactg gggagctggg ctggggctgc      120
tgctctgggg tctccggggg ccacagcttg gggtagttg aagacctcag gggatgtgga      180
ggggtctgcg gggccctggc cgcacaggat ggccttcagg gaaggtggtc ttggggcatg      240
gtgcagagca ggtgaccgga gggaatcggg gacggagcgg ggccaaggga ggggtccgga      300
gggagtcagg gatggagggc agagggagtg gatgtggggg tttgaggacg tgtgacaagc      360
tccagcaggg gtgggggccg ggctgagggt ggggggtcga ggtggtcact cccatcgtgc      420
ccctggccgt ccctccactc acccacacct ggcccagtc acgttgaggt ccaggactgg      480
```

gaaggaccgg	gtgagtgcac	cggggaccca	ggccaggtgc	cccccgagc	ctgctggggt	540
ggccagagca	ggagggggtg	tgtttccttt	ttgtgggtgt	tgcatgcaaa	tcaagtggac	600
aagaaaaaat	aacanaacan	anaanaaaaa	aaaaaactcg	agcctctaga	actatagtga	660
agtcgtatta	cgtagatcca	gacatgataa	gatacattga	tga		703

<210> 3307
 <211> 710
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(710)
 <223> n = A,T,C or G

<400> 3307	
gnncntaaa	60
tngtctgggct	
actcgtnctt	
tctcgcacgn	
anccnnncgn	
ttcgcacaaa	120
gggagaactt	
cctcgaggct	
ggaactgggt	
tgatgttgtg	
aagcatttaa	
gcaaaaactgg	180
ctctaaggat	
gatgagtagc	
acttggaatt	
tgagacaagg	
aaagagcatt	
ctttaaagag	240
taaaactggg	
ttcaaaaatct	
ttcattacta	
ttttctggta	
ttgaggcgac	
tttttataaa	300
acacaatttt	
ttgtatgttt	
cttacattaa	
aaaggttgta	
agttgaaagt	
tcatgaagag	360
atcttgttgt	
attaaattat	
tttcacaaac	
ttgccttaat	
aaaagggtgaa	
aatgttactg	420
tttagtatac	
tttatgaagc	
cccttgagct	
ttataaatgg	
acaggcatgg	
ggaataagaa	480
tcagtgttaa	
tttaaatgat	
cttatcctgg	
tggtgtgtgt	
atcttcttaa	
aggagtatga	540
agcccttttc	
aaactatcat	
cccagtgagg	
cggagtactc	
agtgaacagt	
tactccatag	600
tgcaatccat	
attaataggc	
ttcttctctt	
aagtcttcat	
ctcttctttt	
gcttaattac	660
tgaaccgtaa	
attacttcag	
agaaatttaa	
atgctggtat	
ttgaacttta	
tacatgatga	710
ttttttagtg	
ttcttttaat	
ttttgaaaga	
tgaactgctt	
ccttttaanc	

<210> 3308
 <211> 757
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(757)
 <223> n = A,T,C or G

<400> 3308	
nnnnnnnnnn	60
tnnnnnnnnn	
nnnnnnnnnn	
nnnnnnnnnn	
nnnnnnnnnn	
nnngtnctaa	120
tgctggcnat	
cgttctttcc	
gcagcagccc	
ancgattcga	
attcggcacg	
agataacaca	180
gactttcaag	
gaccaaggat	
tgagggtttt	
aaagcaggaa	
acagcagttg	
ttgaaaacgt	240
ccccattttg	
ggactttatc	
agattccagc	
tgagggtgga	
ggccggattg	
tactgtatgg	300
ggactccaat	
tgcttggatg	
acagtcaccg	
acagaaggac	
tgcttttggc	
ttctggatgc	360
cctcctccag	
tacacatcgt	
atggggtgac	
accgcctagc	
ctcagtcact	
ctgggaaccg	420
ccagcgccct	
cccagtggag	
caggctcagt	
cactccagag	
aggatggaag	
gaaaccatct	480
tcatcggtac	
tccaagggtc	
tgagggccca	
tttggggagc	
ccaaaacctc	
ggcctctacc	540
agcctgtcca	
cgcttgcttt	
gggccaagcc	
acagccttta	
aacgagacgg	
cgcccagtaa	600
cctttggaaa	
catcagaagc	
tactctccat	
tgacctggac	
aagggtggtg	
tacccaactt	660
tcgatcgaat	
cgccctcaag	
tgaggccctt	
gtcccttgga	
gagagcggcg	
cctgggacat	720
tcctggaggg	
atcatgcctg	
gccgctacaa	
ccaggaggtg	
ggccagacca	
ttcctgtctt	757
tgccctcctg	
ggagccatgg	
tggtcctggc	
cttctttt	

<210> 3309
 <211> 710
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1)...(710)
 <223> n = A,T,C or G

<400> 3309
 ctaatgctgg anctaantngc tgggctctcg ttctttncgc agganccctc gattcgaatt 60
 cggcacgagg tcacatctta gatggatggt ggcagacaaa aagagagagc ttatttaggg 120
 aaactctgtt tttaaaacca tcagatctca tgcaacttat tcaccatcac aagaacagca 180
 gggcacagac ccattcccat gattcaatca tttcctactg ggtttcttcc acagcatgta 240
 ggaattatgg gagctacaag atgagatttg ggtggagaca cagagccaaa acacatcaga 300
 tgccatggaa atacaatgag gaaaagacag tctttccaat aaactgtgct gggaaacctg 360
 gctatccata tgcaaaagaa tgaaactgga tctccatctc cctccttata taaatataaa 420
 atcaaatgga attaaagatt taaatctaag acctataact ataaaactaa aaaagaaaac 480
 agtgggaaac tctctgggac attagtctgg gcaaaaattt cttgagtaat acccctcaag 540
 cacagacaac aaaagcaaaa atggacaaat gtgaacacat caagttaaaa actatctgca 600
 catcaaagga aacaatcaac aacgtgaaca gacagccac agaagtagag aagtatttgc 660
 aagatactca tctgacaagg gattaataga atatataagg agctcaaata 710

<210> 3310
 <211> 710
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(710)
 <223> n = A,T,C or G

<400> 3310
 ctaatgctgg anctaantngc tgggctctcg ttctttncgc agganccctc gattcgaatt 60
 cggcacgagg tcacatctta gatggatggt ggcagacaaa aagagagagc ttatttaggg 120
 aaactctgtt tttaaaacca tcagatctca tgcaacttat tcaccatcac aagaacagca 180
 gggcacagac ccattcccat gattcaatca tttcctactg ggtttcttcc acagcatgta 240
 ggaattatgg gagctacaag atgagatttg ggtggagaca cagagccaaa acacatcaga 300
 tgccatggaa atacaatgag gaaaagacag tctttccaat aaactgtgct gggaaacctg 360
 gctatccata tgcaaaagaa tgaaactgga tctccatctc cctccttata taaatataaa 420
 atcaaatgga attaaagatt taaatctaag acctataact ataaaactaa aaaagaaaac 480
 agtgggaaac tctctgggac attagtctgg gcaaaaattt cttgagtaat acccctcaag 540
 cacagacaac aaaagcaaaa atggacaaat gtgaacacat caagttaaaa actatctgca 600
 catcaaagga aacaatcaac aacgtgaaca gacagccac agaagtagag aagtatttgc 660
 aagatactca tctgacaagg gattaataga atatataagg agctcaaata 710

<210> 3311
 <211> 695
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(695)
 <223> n = A,T,C or G

<400> 3311
 ctaatgctgg gctggcgntc tttccgcaag annctcgat tcgcccaggc tgacaggggc 60
 tctgccgtct ttaacatgtg actttctagg tcagtcattc ggtcattgct tttccacaca 120
 gcagataaga caaaggagtg gaaatagagg ggtagagatt ttctcttaaa cgtgtgaggc 180
 tggagtggta tgcttcattg gcaagaacct ggtcctagcc tgcctagctg aaaggagggg 240
 agtcaggagg atgcactttg cagccaaaat tctgttgcca agaaggggaa agtagatttg 300
 gttggatttt gatctgtgtt tgctgctgtg ttactctata attcagccat gtactctgga 360
 ggttttagcta tgttgtagcc aattgatcta tctcattcct ttttactact gtacattata 420
 ccacaataag agcatgctac gctttgttta gctgctagct gtttccttcc taatggatag 480
 ttagctgatt tctgttgttt ttctctgaga accaatgttg caacgccccat cgaggaactc 540

tgccccccag	atatatgtac	atgtgtgatg	tttctctttt	atgggaactg	ggatcatcaag	600
catgtgtctt	tagtctggat	agctattgtt	aaactgccta	caaactgagc	agatctatta	660
atatcagtta	cacttgggcc	tttgggggtt	gagan			695

<210> 3312
 <211> 695
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(695)
 <223> n = A,T,C or G

<400> 3312						
ctaagtctgg	gctggcgntc	tttccgcaag	annccctgat	tcgcccaggc	tgacaggggc	60
tctgccgtct	ttaacatgtg	actttctagg	tcagtcacat	ggatcattgct	tttccacaca	120
gcagataaga	caaaggagtg	gaaatagagg	ggtagagatt	ttctcttaaa	cgtgtgaggg	180
tggagtggta	tgcttcattg	gcaagaacct	ggctcctagcc	tgccctagctg	aaaggagggg	240
agtcagggag	atgcactttg	cagccaaaat	tctgttgcca	agaaggggaa	agtagatttg	300
gttggatttt	gatctgtgtt	tgctgctgtg	ttactctata	attcagccat	gtactctgga	360
ggtttagcta	tgttgtagcc	aattgatcta	tctcattcct	ttttactact	gtacattata	420
ccacaataag	agcatgctac	gctttgttta	gctgctagct	gtttccttcc	taatggatag	480
ttagctgatt	tctgttggtt	ttctctgaga	accaatgttg	caacgccccat	cgaggaactc	540
tgccccccag	atatatgtac	atgtgtgatg	tttctctttt	atgggaactg	ggatcatcaag	600
catgtgtctt	tagtctggat	agctattgtt	aaactgccta	caaactgagc	agatctatta	660
atatcagtta	cacttgggcc	tttgggggtt	gagan			695

<210> 3313
 <211> 701
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(701)
 <223> n = A,T,C or G

<400> 3313						
nctaagtctg	gctgtgtgtc	tttttgccag	atcccatcga	ttcgaattcg	gcacgaggtc	60
cagaaatact	ctgatactag	ctatgggtcag	caacatttta	tgaaaaccct	tatgttaaaa	120
ataaaccctt	gcctcctggc	ttcaagcgat	tctcctgctt	cagcctcctg	agtagctggg	180
agtataggca	cgtaccacca	caccagcta	attttttgta	tttttactag	agatgggttt	240
cacagtgtta	gccaggatgg	tttcgatctc	ctgacctcat	gatccgcccg	cctcggcctc	300
ccaaagtgtc	gagattacag	gcgtgagcca	ctgtgcccgg	cctcaaaatc	ttaagaaaag	360
gttcttttgg	tgcatggagt	tttacctgga	ataagttagt	gcctctgcaa	tttaaatttt	420
ttttacacag	atttgatgct	gtgcaaatgc	cctctcccct	tttaggtgtt	gcttggttcag	480
tatctcaagc	ccagaaagat	gaattaatcc	ttgaaggaaa	tgacattgag	cttggtttcaa	540
attcagcggc	tttgattcag	caagccacaa	cagttaaaaa	caaggatatc	aggaaatttt	600
tggatgggat	ctatgtctct	gaaaaaggaa	ctgttcagca	ggctgatgaa	taagatctaa	660
gagttacctg	gctacagaaa	gaagatgccca	gatgacactt	n		701

<210> 3314
 <211> 704
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(704)
 <223> n = A,T,C or G

```

<400> 3314
nnnnctaatag ctggctactc gttctttncg caggatccca tcgattcggg ctaaaaccca      60
ggttcagcaa cttcttgtct caatcaccct tcagtcagag tgtgatgctt tccccaacat      120
atcttcagat gagtcttata ctttacttgt gaaagaacca gtggctgtcc ttaaggccaa      180
cagagtttgg ggagcattac gaggtttaga gacctttagc cagttagttt atcaagattc      240
ttatggaact ttcacatca atgaatccac cattattgat tctccaaggt tttctcacag      300
aggaattttg attgatacat ccagacatta tctgccagtt aagattattc ttaaaactct      360
ggatgccatg gcttttaata agtttaatgt tcttactggg cacatagtgt atgaccagtc      420
tttcccatat cagagcatca cttttcctga gtttaagcaat aaagttagta aattgtattg      480
tactctgtct acaaaaacat tgggtatagt ttcattacaa gttttagct taaatgtttg      540
ttcttatgga tagaatcaaa gtgtaaaaat cagatgttta tgggttttaa tttttttggc      600
tgtgacttag cattttacat ccataaaaact ttttttgta ttgntataac ggttactgta      660
attgttactg tgaatatcaa caatcttggg gaagtgtaaa tccg                                704

```

<210> 3315

<211> 702

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(702)

<223> n = A,T,C or G

```

<400> 3315
gnnctaatagc tggctcttgt tcttttgcag gatccctcga ttcgtttttt aagagataag      60
gtcttgctat gttatctagg ctggcctaaa cttctgggct gaagtgatec tctgtgtag      120
ctgggactac aagcatgtgc caccaatgcc tggcttctca cactgttttg taacatagat      180
atgtgaagat gtgtattata gaattgtttg taatactgta gtgtttagg caatgtgact      240
gtctataggg aagtggacag gttatttgtg gtaaatactc atggaaaacg gtcaagcagt      300
taaaagcaat caattatggg caccagcaa tgcagataaa tcttaaaagc atatgatgct      360
atgataccaa agcacaagca ccgccctgt aaatagagga attagatttc ttcagcatta      420
aaactttgtg catcaaagga tagtatcaag aaagtaaaaa gacaaatgga gaatgggaga      480
aaaatacttg caaacatgt atctgataaa ggtctagtat tcagaaaaca attcaacaat      540
aaaaagaca aataactgag ttataaatgg caaaggattt aaatagacat ttctctatgt      600
aaagaagatt tacaaatagt caataagcac atgaaaaaga tgttcaacat cattactcat      660
cagcaaatg ccaatcaaaa ccacaatgaa ataccatttc at                                702

```

<210> 3316

<211> 761

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(761)

<223> n = A,T,C or G

```

<400> 3316
gnnnnttttn nnnnntttnt aaananacag gctacttggt ctttttgcag gatcccatcg      60
attcgaattc ggcacgaggc cacacgggcc gcatcatccc tgcaatctgg ttccgctacg      120
acctcagccc catcacggtc aagtacacag agagacggca gcccgcttgt acagattcat      180
caccacgac tgtgccatca ttgggcggga ccttcaccgt cgccggcatc ctggactcat      240
gcatcttcac agcctctgag gcctggaaga agatccagct gggcaagatg cattgacgcc      300
acaccagcc taatggccga ggaccctggg catcgccagc cttgectcca gtgccctgtc      360
tcctttggcc ctcaatctgg tcccaaactt ggctgtgtcc caaagggtgt gtgggaagtg      420
gggggaaagt agaggatggc tcgatgtttt gcagctacct cttttccccg tgtttctttt      480
tagacaaatt aactgcctg aagttgcagt tcccctttcc tggggagccc caagaacaga      540
gtcaggcaag ggggtggggag tncagggatc ttggggaccc ctntaggag agctgcagtc      600
tcttncctta ggggaacatn ccanaatgca tatngatcag ctntnagcca ggctttngac      660

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aat t t t t c c a g	c c c c c a a c t a	g g t g g g a c a c	a t t a a t g a a t	t t g g g t t t t t	c c c t t g g g c a	720
a g c c a a c c t g	n c c c a a a n g c	a c c a a a a c t g	g g g c t t t t a n	n		761

<210> 3317
 <211> 716
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(716)
 <223> n = A,T,C or G

<400> 3317						
t a c a g c t a c t	t g t t c t t t t t	g c a g a t c c c a	t c g a t t c g t t	c t c a g a t a c c	t g a t g g a t c c	60
a g a c a c a t t c	a c t t t c a a c t	t t a n t a a t g a	c c c t t n g g t c	c t t c g a c g g c	g c c a g a c c t a	120
c t t g t g c t a t	g a g g t g g a g c	g c c t g g a c a a	t g g c a c c t g g	g t c c t g a t g g	a c c a g c a c a t	180
g g g c t t t c t a	t g c a a c g a g g	c t a a g a a t c t	t c t c t g t g g c	t t t t a c g g c c	g c c a t g c g g a	240
g c t g c g c t t c	t t g g a c c t g g	t t c c t t c t t t	g c a g t t g g a c	c c g g c c c a g a	t c t a c a g g g t	300
c a c t t g g t t c	a t n t t c t g g a	g c c c c t g c t t	c t c c t g g g g c	t g t g c c c g g g	a a a g t g c g t g	360
c n t t c t t t c a	g g a g a a c a c a	c a c g t g a g a c	t g c g c a t c t t	c g c t g c c c g c	a t c t a t g a t t	420
a t g a c c c c c t	a t a t a a n g a g	g c g c t g c a a a	t g c t g n g g g a	t g c t g g g g c c	c a a g t t t c c a	480
t c a t g a c c t a	c g a t g a g t t t	g a g t a c t g c t	g g g a c a c c t t	t g t g t a c c g a	c a g g g a t g t c	540
c t t n c a c c n t	g g g a t g g a c t	a a a g g a g c a c	a g c c a a n c c c	t g a g t g g g a g	g c t g c n g g c c	600
a t t c t c c a g a	a t c a n g g a a a	c t g a a g g a t g	g c c t c a n t c t	c t a n g g a g g c	n g a g a c c t g g	660
g t t g g c a n c a	n a a t a a a a g a	t t t t t t t c a a	g a a a t g c a a a	c a g a c c g t c a	c c a c c n	716

<210> 3318
 <211> 726
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(726)
 <223> n = A,T,C or G

<400> 3318						
c a g g c t a c t t	g t t c t t t t t g	c a g g a t c c c a	t c g a t t c g a a	t t c g g c a c g a	g t g a a g a a t g	60
g c g t g g g t t g	g t t c c t t t c a	a a t g c a c t t g	a g c a g c g g t c	t c c a a c c a c a	g g g c c a c a g a	120
g c t g g a g g t g	a g c a g c a g g c	g a g t g a a g g g	a a a c t t c a t c	t g t a t t t t c t a	g c c c c t c c c a	180
t c g c t t g c a t	g a c c a c c t g a	g c t c c a t g t c	c t g t c a g a t c	a g c a g c a g c a	t t a g a t t c t c	240
a c a g g a g c a c	a a a c t c t g t t	g t g a a g t g t g	c a t g c g a g g g	a t c t a g g t t g	t g t a c t c c t t	300
a t g a g a a t c t	a a t g c c t g a t	a t t c t g t t a c	t g t c t c c c a t	c a c c c c a g a t	g g a c a g t c t a	360
g t t g c a g g a a	a a c a a g c t c a	g a g a t c c c a c	t g a g t c t a c g	t t a t a g t g a g	t t g t a g a a t c	420
a t t t c a t t a t	a t a t t a c t a t	g t a g t a a t a a	t a g a a a t a a a	g t g c a c a a t a	t a t g t a a t g c	480
a c t t g a a t c a	t c c t g a a a t t	a t t c c c t c a t	t c c c a g t c t g	t g g a a a a a t t	g t c t t c c a c a	540
c a t t c a c t c t	g t t t t t t g g t	a g a g g c a g g g	t c t t a a t a t a	t t g c c c a g t c	t g a t c t c a a a	600
c t c c t g g c c t	c a a g t a a t a t	a c c t c t c t t a	g c c t n c c a a a	a g t g c t g a g a	t t a c a g g c a t	660
a a g c c c c c c c	c t c a a c c a a g	a c t t t n t t n a	a c c a a a t a a a	a a t t a a g t g a	g a t t a c t t t g	720
g c c c a g						726

<210> 3319
 <211> 841
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(841)
 <223> n = A,T,C or G


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<400> 3319
tacangctac ttgttctttt tgcaggatcc catcgattcg aattcggcac gaggtccctt      60
gctcggggcc atggagacac tgcggccagt acggcggcgc ctctgtctga agaaggggaa      120
gtgacctccg gcctccaggc tctggccgtg gaggataccg gagccccctct gcctcggccg      180
gtaaggccga ggacgagggg gaaggaggcc gagaggagac cgagcgtgag ggggccgggg      240
gcgaggaggc gcagggagaa gtccccagcg ctggggggaga agagcctgcc gaggaggact      300
ccgaggactg gtgcgtgccc tgcagcgacg aggaggtgga gctgcctgcg gatgggcagc      360
cctggatgcc cccgccctcc gaaatccagc ggctctatga actgctggct tgcccacggt      420
actctggagc tgcaagcccc agatccttgc cccgcccgcc cttccacgcc ggaggccan      480
aaccgaaaag gaaaagatcc cgatgaagga gcccgaggcc ccaaaanaa aaggaaagag      540
ggaaaaaacc cacacattgc cccacnggaa tttggaattt ttgattgaat gagcccaant      600
ggaccacca aanggacttn cccttgattg gaacccggga gaaccccanc ccccaaggga      660
aagcntnaa ncccccgga agccccagaa aaaccnggn angggcccc ccccttgggn      720
acnaaagggt ggccttttcc cgggnccctt tgaaaggagg gacccccan nnaaagnct      780
tggganggga aacaaaaaaa tcccctttnn gtaancccc gggaangggg nancccttnt      840
t

```

<210> 3320

<211> 741

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(741)

<223> n = A,T,C or G

<400> 3320

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gnnnnnntnn nnnnnnttn tntananaca ggctacttgt tctttttgca ggatcccatc      60
gattcgacaga aattcaaata attcttttct gcttcaatgc cagcagaagg tccccagggt      120
agacatggag aagcactttg ttttaaatag gagggtttca tagttgcac tgaagccacc      180
tggttctgtt aaactgtatc gtgcaggttt tgggtttggc attattcatg tttctgatca      240
attctatgca actctcatag ttcctgttac tttttagcat tagctgcaa atgacttcaa      300
aaggctgggg tgggtgactt gactgtgaga ctggattata acatggacaa atcttatttt      360
gcttaatgtg tttgtgtgtg tgtgtgtgtg tgtgtgtgtg tgtgtgtgtg tgtgtatgta      420
tatatatata tataaatatc tttcccaata tgccccgttg acagtgttta aattccanac      480
taggactgct gatctgcaca atttaattat gtggnattc gagcacttaa tttcactcaa      540
ggntcattgg gctctgctct tctccctgcc attacnggag ctgtggacag agctncctcc      600
ttcaanantc tagtggtttt gcncacagg ntgnccaatg anaaaactga nttgcgtgnc      660
tgtaaatgtt gcncagggng cacatctnnn agggntcnat nctccggcct gtcctccaaa      720
agggtgggc cttgggccn n

```

<210> 3321

<211> 751

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(751)

<223> n = A,T,C or G

<400> 3321

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ggnnnnnttt nnnntactg anancctttn gctacttgtt ctttttgca gatcccatcg      60
attcgaattc ggcacgagag gcgatatccc tgagctgaga gcatnaccct gtccccgaat      120
ccttctttcc tctctgtttt gtttttcatt cccctccctc tctccctcc cctccagtc      180
cacgacgact gggctgttga ccctgttcag gcctcgggtg aggccttttg ttactccct      240
tcccacccca tcccttaatt ttattctttt gaagagtgc tttcaagctg ccaaggtgga      300
gagagggatt acagaaagga gaacacctta tttcagaaaa ggtgtaccat acctgagagc      360
accaggaagt cgcagagag atcacctgat acatgaacgt atgatgttcc atctgcgcac      420

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tgatgaatag	gcagcattta	caaattaact	gatgtgttgc	tgnatatcat	ctctttgatg	480
attgctcctc	ttctttgtat	cctgncttat	aatttcaaca	catttgcat	actcaatgctc	540
tattctaaat	taaccatggt	ttgtaccaca	aactcattgc	ccatggatct	gttgctgaaa	600
caaggaagtc	ttaaacaaga	agtggaaatct	ttctgttatc	agattggggtc	tgaatcaaat	660
gatcagaagg	gtgggaatat	tacaaantga	agaataacag	ntgcaacctt	cagtttctna	720
aaaataanaa	gngagctttt	cagggcaaat	t			751

<210> 3322
 <211> 705
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(705)
 <223> n = A,T,C or G

<400> 3322	
nctaagtctg	ggcncttggt cttttngcag gatcccatcg attcgaattc ggcaagaggt 60
ctagtataat	cttgatgctc aaaccagata aggacaatac aagaaaggaa gagtataggc 120
taattctacc	caataactaa atgaagtatt agcaaaccag attcatcaat aatcttttaa 180
aaatcaagaa	ttaattggat ttaggaatat aacactgtgt ataacaagtt taagagaaat 240
atatgagaat	gataagactg caattgaaag tagaggcttt ctctggaggg aaagggtgagg 300
aggatgtgat	ttggaagaac agcatgggga ggcatcagtt gtattgtaat gtttattttt 360
taagctgaat	gataggtagc tagatgttca ttgtgttctt ttgacctttt tgtatatctt 420
aaatatatgg	tagtgccatg attagcaggc ttaatagcct tgtgagttta aatgtcactt 480
tcaaatgctg	tatttttggt ggagttgctt aaacacattc cccttggaat ctatacaacc 540
agttaaaaaa	atcatgtata aaccaccatg aaatataatg aaatgtactg tatatgcatt 600
ttcatgaatg	ttgtgtcaaa gggctttagt gaaaaaaga tcgttaactc ttttgcattc 660
agtgaaaata	ggtggctttg gaaatagttt cagccttgct aacac 705

<210> 3323
 <211> 761
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(761)
 <223> n = A,T,C or G

<400> 3323	
gnnnnttttn	nnnnntttnt aaananacag gctacttggt ctttttgcag gatcccatcg 60
attcgaattc	ggcacgaggc cacacgggcc gcatcatccc tgcaatctgg ttccgctacg 120
acctcagccc	catcacgggc aagtacacag agagacggca gcccgcttgt acagattcat 180
caccacgac	tgtgccatca ttgggcggga ccttcaccgt cgccggcatc ctggactcat 240
gcatcttcac	agcctctgag gcctggaaga agatccagct gggcaagatg cattgacgcc 300
acaccagcc	taatggccga ggaccctggg catcgccagc cttgcctcca gtgcctgtc 360
tcctttggcc	ctcaatctgg tcccaaactc ggctgtgtcc caaagggtgt gtgggaagtg 420
gggggaaagt	agaggatggc tcgatgtttt gcagctacct cttttccccg tgtttctttt 480
tagacaaatt	acactgcctg aagttgcagt tcccccttcc tggggagccc caagaacaga 540
gtcaggcaag	gggtggggag tncagggatc ttggggaccc ctntagggag agctgcagtc 600
tcctncctta	gggggaacatn ccanaatgca tatngatcag ctntnagcca ggctttngac 660
aattttccag	cccccaacta ggtgggacac attaataaat ttgggttttt cccttgggca 720
agccaacctg	ncccaaangc accaaaactg gggcttttan n 761

<210> 3324
 <211> 712
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(712)
 <223> n = A,T,C or G

<400> 3324
 gtncctaattng ngngctcncg gcnngtccgc aacagcccng cggntcgaat tcggcacgag 60
 gcctttttgtg ggggtctcata cataactcag ttccacaaa gctgtgcccc agctcagccc 120
 tatggataga agcatggctt ggggttcctt tgctgaccag ggtgtgtgct ttgtccaagt 180
 tactgacctt cccaaacctc atcaatgcac ataaaaagag cacttgcaaa caatgaatct 240
 agacatggac cttcacaaag aaataactca aaatggatcc caggcctaaa tgaaaaatga 300
 aaaactataa aactcctaga agataacata aaagaagatc tagatgacct agggtttggc 360
 aatgactttt tagatccagc accaaaggca ggatccagga aagaaataat tgataagctg 420
 gacttcatta aaacgaaaac ttctgctctg tgaaagatgc tgccaaaaaa tgaaaagaca 480
 agccacagac tgggagaaaa tatttttgat ggaaatatct gagaagagag gcttgttatc 540
 caaaatatac aaagaatttc taaaactcaa taatttgaaa ataaacaacc caatttaaaa 600
 agtgggccaag agatctttaa tgacgcctca ccaaagaaga tacacagatg gcaataaagc 660
 atatgaaaag atgctcccgg ctgggcacgg tggctcacgc ccgtaatccc gc 712

<210> 3325
 <211> 1249
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1249)
 <223> n = A,T,C or G

<400> 3325
 angctacttt gttctttttg caggnnnttt ttnnnnatac agctcttggt ctttttgcag 60
 gatcccatcg attcgaattc ggcacgagaa aacacacaca cacacaacac aatgttttca 120
 cgctgtaaa cctagcacat tgggaagcca aggtggggag ggattgctt gaggccaggg 180
 aagtccaagg gctgcaagtg gagcttatga attggcncac ctggtacctc ttagccctgg 240
 gggaggaaca agaagtggag gaacacctgg tcttcttnaa aaaaaaaaaa aaaaaaaagg 300
 tttttttttg gaaacccctt ttaaaaaaat taaccttttt tggttttttg ggaaaatttt 360
 tcctttaaaa ttccaattcc aanttttcca aaaaaaaagg naaggcccaa ggtttaaaaa 420
 aaaaaaaat ngggggttt aaaccttttn gggtttttnc ttttngggtt aacccaaaag 480
 ggccctttan cttttaaaaa tttttaaggg aaaccttta ttttaagggtt aaggggggaa 540
 attaannttt tttttnaaaa aaaggnagg cccttgggna aaanttccaa cccttttttt 600
 ttngggggtt aanttttttt tngggggttn anttaaaaaa aattaatttt tttttnccaa 660
 tttttttggg ttttaaatng gttccccccc caaggntaaa ttaaattttc ccttttaaac 720
 ctgggggna aaaaaaaatt ttccnttttg ggtttttttt gggaaattcc ttgggcccc 780
 ttggnaaaaa naaaaaaa ttaanttcct tggggttttt tnccttaan ttanttaaaa 840
 aaaaaaaat aatttttttt tttttaaaaa aaaattaaaa atttnggtta aaaaagggtt 900
 ttaagggaat tttttaaaaa aaaatttttg ttaaaaaaaa attatttaaa aaaaattcca 960
 accaaaaagg gggaaaattg gttanccctt ttaatggga aaatgggttt gggtttggga 1020
 ccanttttt ttaattggaa aaaatttaat tggtngggga tttccaatta tttacctggg 1080
 tttanccaaa ggaataagga aaatttgga atgggcctaa aaaggacca aaaacctca 1140
 attaaaaatt tgagggaaaa cgtggttatt atgtaattga aataaaaaa ttttataatt 1200
 gtaaaaaaaa aaaaaaaa actcgagcct ttaactata ggggtcgtt 1249

<210> 3326
 <211> 760
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(760)
 <223> n = A,T,C or G

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<400> 3326
ttaaanannt ngctcttggt ctttttgcag gacctttcna aanacagctc ttgttntttt 60
gcggatccct cgattcggtt ctatacaatt tttccttctg atccagagac acggaaaaac 120
aaagggcaag atggaaataa gggatgagaa ggtctatgtg gaaaaacagt tacaactggg 180
agtgggtaac tgcaaaacca agcagcttca tgtgatcggt aggacagaag aaatttctcc 240
ttttagcctt agagcaatat tctcaaaatt taatgcgcat gttaatcatt tggggatcct 300
ttattcattt tttcatgtgg ggatctttta aaaatgcaaa ttctgatttg gtaagtctgg 360
agtaggtcct gagcttctgc atgcttcaaa agctgattat gttttgagaa catggatcta 420
gatgctggta ttgaggtggg agacaagtac tgccacctga aacaacagtc ttggtaaatt 480
tagcccgcag agggtaaaca catcctaaca gggaaggtaa actgtcgtcc atcagtacca 540
ctagagggca tcaactggtt atagttcaat acagtgaata tatcagaata atggccttta 600
gttttcctga aagattaaat taggcttgct aacttgttta atgagataat caaacatatg 660
atgtaatttt aaagggttta cattttttaa aattaatagg gtatcagtta ctaattttac 720
ttaaatggna ctctgtaagc ttaataggta tgcttaaata 760

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<210> 3327

<211> 760

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(760)

<223> n = A,T,C or G

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<400> 3327
ttaaanannt ngctcttggt ctttttgcag gacctttcna aanacagctc ttgttntttt 60
gcggatccct cgattcggtt ctatacaatt tttccttctg atccagagac acggaaaaac 120
aaagggcaag atggaaataa gggatgagaa ggtctatgtg gaaaaacagt tacaactggg 180
agtgggtaac tgcaaaacca agcagcttca tgtgatcggt aggacagaag aaatttctcc 240
ttttagcctt agagcaatat tctcaaaatt taatgcgcat gttaatcatt tggggatcct 300
ttattcattt tttcatgtgg ggatctttta aaaatgcaaa ttctgatttg gtaagtctgg 360
agtaggtcct gagcttctgc atgcttcaaa agctgattat gttttgagaa catggatcta 420
gatgctggta ttgaggtggg agacaagtac tgccacctga aacaacagtc ttggtaaatt 480
tagcccgcag agggtaaaca catcctaaca gggaaggtaa actgtcgtcc atcagtacca 540
ctagagggca tcaactggtt atagttcaat acagtgaata tatcagaata atggccttta 600
gttttcctga aagattaaat taggcttgct aacttgttta atgagataat caaacatatg 660
atgtaatttt aaagggttta cattttttaa aattaatagg gtatcagtta ctaattttac 720
ttaaatggna ctctgtaagc ttaataggta tgcttaaata 760

```

<210> 3328

<211> 752

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(752)

<223> n = A,T,C or G

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<400> 3328
agctcttggt ctttttgcag gatcctttca anatacagct cttgttcttt ttgcagggtc 60
ccatcgattc gtttctatac aatttttctt tctgatccag agacacggaa aaacaaaggg 120
caagatggaa ataagggatg agaaggctta tgtggaaaaa cagttacaac tggagtgggt 180
aactgcaaaa accaagcagc ttcatgtgat cgtaggaca gaagaaattt ctcttttgta 240
gcctagagca atattctcaa aatttaatgc gcatgttaat catttgggga tcttttattc 300
attttttcat gtggggatct tttaaaaatg caaattctga tttggtaagt ctggagtagg 360
tcctgagctt ctgcatgctt caaaagctga ttatgttttg agaacatgga tctagatgct 420
ggatttgagg tgggagacaa gtactgccac ctgaaacaac agtcttggtta aatttagccc 480
gacgagggta aacacatcct aacagggaag gtaaatctga cgtccatcag taccactaga 540

```

gggcatacact	ggtttatagt	tcaatacagt	gaatatatca	gaataatggc	ctttagtttt	600
cctgaaagat	taaattaggc	ttgctaactt	gtttaatgag	ataatcaaac	atatgatgta	660
attttaaagg	gtttacattt	ttaaaaattt	aatagggtat	cagttactaa	ttttacttan	720
atggactctg	taagcttata	ggttgcttaa	an			752

<210> 3329

<211> 752

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(752)

<223> n = A,T,C or G

<400> 3329

agctcttggt	ctttttgcag	gatacctttca	anatacagct	cttggttcttt	ttgcagggtc	60
ccatcgattc	gtttctatac	aatttttctt	tctgatccag	agacacggaa	aaacaaaggg	120
caagatggaa	ataagggatg	agaaggtcta	tgtggaaaaa	cagttacaac	tggagtgggt	180
aactgcaaaa	accaagcagc	ttcatgtgat	cgtaggaca	gaagaaattt	ctcctttgta	240
gcctagagca	atattctcaa	aatttaaatgc	gcatgttaat	catttgggga	tcttttattc	300
attttttcat	gtggggatct	tttaaaaatg	caaattctga	tttggttaagt	ctggagtagg	360
tcttgagctt	ctgcatgctt	caaaagctga	ttatgttttg	agaacatgga	tctagatgct	420
ggtattgagg	tgggagacaa	gtactgccac	ctgaaacaac	agtcttggtg	aatttagccc	480
gacgagggtg	aacacatcct	aacaggggaag	gtaaactgta	cgtccatcag	taccactaga	540
gggcatacact	ggtttatagt	tcaatacagt	gaatatatca	gaataatggc	ctttagtttt	600
cctgaaagat	taaattaggc	ttgctaactt	gtttaatgag	ataatcaaac	atatgatgta	660
attttaaagg	gtttacattt	ttaaaaattt	aatagggtat	cagttactaa	ttttacttan	720
atggactctg	taagcttata	ggttgcttaa	an			752

<210> 3330

<211> 757

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(757)

<223> n = A,T,C or G

<400> 3330

ttggnnnnnn	nnnnnnnttt	annntncagc	tnnnngnagc	tcttggttctt	tttgaggat	60
ccatcgatt	cgaattcggc	acgaggttgg	ccggagatgt	ctttttattt	ttgtgctgta	120
aaattctctt	acagcaaaaa	taggctttag	aaaggctctt	tactgtcttc	agcaaccatc	180
tcatcttcca	gcttcacctg	attgtccagt	tatcatacat	ttgactttca	aatgtatgaa	240
ccagcatgta	ccccatggat	ttaatcttat	ctaccccggtg	gattcaatct	tcttatcaga	300
aggttctttt	atgtcaaaaa	acctgctgtc	aaggcttgaa	gagccggcac	actcaatggc	360
aaacacagca	cccaggtctg	ctctgaatcc	tggaggatct	ggccctcctc	tcaaccccca	420
ctcacagtca	ccgtcttaca	actcagggcc	acctgggagc	agtcacatcag	caggggtgcgt	480
aagccttgaa	taccaggtag	cctcaggagt	gaaaagataa	atgtcctaga	tcattacctt	540
attcagtgtc	cccaccttgc	agcgcatctc	aaccacctgg	gagcatttaa	aactccagat	600
gccccaccca	cacctggggg	cccccatcag	accttntgga	agcaagacct	gggcctncat	660
ggncccnaaa	actcctaggg	gatccgatgt	gcagccnaat	cttgaaangg	cccatttaaa	720
aaanaaagaa	catgggtggg	acattgggga	gtnttta			757

<210> 3331

<211> 755

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(755)
 <223> n = A,T,C or G

<400> 3331
 gnnnnntnnnn nnnnnntttnt nnanatacag gctacttggt ctttttgcag gatcccatcg 60
 attcgtctcc ttgcctttct cctgaaaggt atgagactac ttgccttact gtcattattat 120
 tgagggggaat cagccgcaaa gcctgnggaa aatgaacagt agctgtgggg tcaaagccat 180
 gtctccaggt tcacgggctc actccccca ggacaagcct agttaggtag tgggctgcat 240
 ctgggtatcc ctgggacaga aatgcagggt agaaggggta tcaagaatgc ctcgagcctc 300
 tagaactata gtgagtcgta ttacgtagat ccagacatga taagatacat tgatgagttt 360
 ggacaaacca caactagaat gcagtgaata aaatgcttta tttgtgaaat ttgtgatgct 420
 attgctttat ttgtaaccat tataagctgc aataaacaag ttaacaaca caattgcatt 480
 cattttatgt ttcagggtca gggggagggt tgggagggtt tttaattcgc ggccgcggcg 540
 ccaatgcatt gggcccggta ccagctttt gtcccttta gtgagggtta attgcgccct 600
 tggcgtaatc atggtcatag ctgtttctcg tgtgaaattg ttatccgctc acaattccac 660
 acaacatacc agccgggagc ataaagtga aagcctggg tgccaatga gtgagctact 720
 cacattaatt gcgttgctc actgccctt ccaan 755

<210> 3332
 <211> 705
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(705)
 <223> n = A,T,C or G

<400> 3332
 caatgctggg tctngttctt tttgcaggat cccatcgatt cgaattcggc acgaggggatg 60
 acccatgcc aaaaactat gagctcttac tagtcaacc tatttggtg gtcccaccaa 120
 caaaggcact tgcagttaca ttcaccacat ttgtaacgga gccattgaag catattggaa 180
 aaggaactgg ggaatttatt aaagcactca tgaaggaaat tccagcgtg cttcatcttc 240
 cagtgtgat aattatggca ttagccatcc tgagtttctg ctatgggtgct ggaaaatcag 300
 ttcatgtgct gagacatata ggcggtcctg agagcgaacc tccccaggca cttcgccac 360
 gggatagaag acggcaggag gaaatcgatt atagacctga tgggtggagca ggtgatgccg 420
 atttccatta taggggccaa atgggcccc ctgagcaagg cccttatgcc aaaacgtatg 480
 agggtagaag agagattttg agagagagag atgttgactt gagatttcag actggcaaca 540
 agagccctga agtgctccgg gcatttgatg taccagacgc agaggcacac cgaaagaaag 600
 cagtactgaa agcagccagt cggccaagcc tgtctctggc caagacacat caggggaatac 660
 agaaggttca cccgcagcgg aaaaggccca gctcaagtct gaagc 705

<210> 3333
 <211> 703
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(703)
 <223> n = A,T,C or G

<400> 3333
 tgctgggcta aatgctggnn atcgnctctt ccgcantaga acnnncgatt cgaattcggc 60
 acgaggctac ctgggaggcg acgggctgga cgtggacgtg cccacgcgtc tggagggtg 120
 gttcttctgc acgcccgcgc gcaagctgct ctggctggtg ctgcagccct tcttctactc 180
 actacggccg ctctgcgtcc accccaaggc cgtgacccgc atggagggtg tcaacacgct 240
 ggtgcagctg gggccgacc tggccatctt tgccctttgg gggctcaagc ccgtgggtcta 300
 cctgctggcc agctccttcc tgggcctggg cctgcacccc atctcgggac acttcgtggc 360
 cgagcactac atgttctcctc agggccacga gacctactcc tactatgggc ctctcaactg 420

gatcaccttc	aatgtgggct	accacgtgga	gcaccacgac	ttccccagca	tccccgggcta	480
caacctgccg	ctgggtgcgga	agatcgcgcc	cgagtactac	gaccacctgc	cgcagcacca	540
ctcctgggtg	aaggtgctct	gggattttgt	gtttgaggac	tccttggggc	cctatgccag	600
ggtgaagcgg	gtgtacaggc	tggcaaaaga	tgggtctgtga	gccaggctg	cctcctgggtg	660
gtggccattg	ccccccatcg	gccctcacc	ttgcacccca	ncn		703

<210> 3334
 <211> 696
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(696)
 <223> n = A,T,C or G

<400> 3334	
tgctgggctc	tngttctttt
ngcaggancc	catcgattcg
aattcggcac	gagaaggacc
	60
tgcagcttca	gcatcacttg
agaagttgtt	aggaatgcat
actagtgggc	cccgccecca
	120
gacatagtga	atcagaaacc
aacaggagg	cgcctagcat
tggtttttta	acaagtgtctg
	180
ggttattctg	atgcacagtc
tagtttaaga	accactactt
tgggtaaaacg	ttttgactgt
	240
ttaaagttta	tggcggtgaa
gtgggcatct	tcaaagacta
gtacttacac	agtttagaag
	300
atltcaaggt	actgctgaca
gtagtttatt	atgtcagtat
acatacgtgt	agagatcata
	360
atltagttcc	cttcttaatg
ttacaatttc	ttagtttact
tttcttaaag	ggccatagca
	420
taattcttga	ttcctgggtg
aaatcttttc	tgaggtgtgg
gggtgggcaa	ggtgtggatt
	480
gctgttttacg	atagtgcctt
cattagtttt	agttctgtct
gttttcattc	attattgact
	540
caaaggtatt	agaacaggcc
cttatctttt	tcctattaga
tttatttttg	ttttttactt
	600
tatgtaagtt	cagaatcctt
ttttaagtga	tgactactga
tgaataatg	ttactagtag
	660
ctgaatttta	gacttgatgc
tatgttgatt	aatatn
	696

<210> 3335
 <211> 736
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(736)
 <223> n = A,T,C or G

<400> 3335	
gtncctaann	ngngtgnngg
cangctcnta	tctctnaana
gaattgggct	ttgtcgaatt
	60
ccgcnccggag	acantctgan
cgtgctngag	cagctgatta
tcaagcccgg	ggtgcgccag
	120
atccatctgt	ncnacggacn
ngcgcggntt	gaccgagcat
gaggctgcct	gaangangac
	180
caggggctnt	ttgtncacan
gngtccagg	cannaccgct
gnntnccttg	tggtgntgng
	240
ctatggngnc	cagntnttgc
acattgacan	acttnactgc
actgggtggg	agctcgcaca
	300
ttngcccatt	tgtggtagaa
tcaaggcatc	acccgataag
attgncgtgg	tggaaacgtc
	360
acagtccgac	canttngact
gtcaccatgc	canmtgacag
catnnatact	ttctngcttn
	420
tagatcacta	cggggaagat
actctctatn	gtcaanggga
nntatncttc	cgaaactgcc
	480
tcctnancnn	ccnctanncn
tntgacngat	accgtcanaa
nmatatctgn	ctgaaggncn
	540
natatatent	ngcatatncn
nganncgat	ggnancgntn
tancctnac	cntnatcccn
	600
agtgcganct	tactatncna
tnntnnaann	agtttgnttt
cncttctggn	anancacacc
	660
catggacnac	tgcatecnca
gatgccttna	ttcactgnta
nccttggcct	gcactnnngn
	720
gctttccctc	cttanc
	736

<210> 3336
 <211> 706
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(706)
 <223> n = A,T,C or G

<400> 3336
 nnmcaatgct ggctgctcgt tctttccgca gganccanc gattcgaatt cggcacgagg 60
 aaatgtgtat ttcagtgcac atttcgtggt ctttttagag gtatattcca aaatttcctt 120
 gtatttttag gttatgcaac taataaaaac taccttacat taattaatta cagttttcta 180
 cacatggtaa tacaggatat gctactgatt taggaagttt ttaagttcat ggtattctct 240
 tgattccaac aaagtttgat tttctcttgt attacatttt ttatttttca aattggatga 300
 taatttcttg gaaacatttt ttatgtttta gtaaacagta tttttttgtt gtttcaaact 360
 gaagtttact gagagatcca tcaaattgaa caatctgttg taatttaaaa ttttggccac 420
 ttttttcaga ttttacatca ttcttgctga acttcaactt gaaattgttt ttttttttct 480
 ttttggatgt gaaggtgaac attcctgatt tttgtctgat gtgaaaaagc cttgggtattt 540
 tacattttga aaattcaaag aagcttaata taaaagtttg cattctactc aggaaaaagc 600
 atcttcttgt atatgtctta aatgtatttt tgtcctcata tacagaaagt tcttaattga 660
 ttttacagtc tgtaatgctt gatgttttaa aataataaca ttttng 706

<210> 3337
 <211> 703
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(703)
 <223> n = A,T,C or G

<400> 3337
 caatggctgg tngctngttc tttttgcagg atcccatcga ttcgtgtgga gaaccttctt 60
 tttctatggg aaatcacttc tggagttggc aagaatggag aatgggtgtg tgggaaacgc 120
 cttggaaggt gtgcatgtgg aacatcattc tcaccaccag tctcttctct gtgcctttct 180
 tcctgacgtg gagtgtggtg aactcagtgc attgggccaa tgggttcgaca caggctctgc 240
 cagccacaac catcctgctg cttctgacgg tttggctgct ggtgggcttt cccctcactg 300
 tcattggagg catctttggg aagaacaacg ccagcccctt tgatgcaccc tgcgcacca 360
 agaacatcgc ccgggagatt ccaccccagc cctggtacaa gtctactgtc atccacatga 420
 ctgttgaggg ctccctgcct ttcagtgcc a tctctgtgga gctgtactac atctttgcca 480
 cagtatgggg tcgggagcag tacactttgt acggcatcct cttctttgtc ttcgccatcc 540
 tgctgagtgt gggggttgc atctccattg cactcaccta cttccagttg tctggggagg 600
 attaccgctg gtgtggcgga tctgtgctga gtgttggtc caccggcctc ttcactctcc 660
 tctactcagt tttctattat gcccggcgct ccaacatgtc tgg 703

<210> 3338
 <211> 761
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(761)
 <223> n = A,T,C or G

<400> 3338
 ctaatgctgg cngcttggtc tttttgcagg atcccatcga ttcggaatga gagctgctat 60
 ttgtgtttta aaagaccata cagggccagc cacagtggct cacacctgta atcccagcac 120
 tttgggaggt cnatgtgttt ncacnnctnt tnnnagnan nantntgtca tggaggctta 180
 ntttgtggng tntgatgnca tactgntagg ccaacatgtg tccnagnan agnggnangn 240
 tnanccatt agcntggtgn aaacttgccg gatgttgatg ctctantaag anccgnatgt 300
 gccattnttg aactnttttag tantgangga gtcntggtgn tcaanatgga tntacanatg 360
 cctanttacc cgnncntgnc taacnagant ntgcccaacc ttcatgtcat gaaggnntn 420
 nantctttta ttccanngt tncctnaaac gaacantttg cctgnacaca ttttctactg 480

gnaccttacn	aatnaggtta	tcccgnatnt	tcntgattac	ttttcttctg	cnnncngana	540
tngtgcctnt	caccctactc	ctntatccnt	ccattnacct	nttaggccat	ncncctaaac	600
gnnntgcann	tntnancntc	cctnntnang	aattttctaa	atangnntta	attctctnnc	660
ctnacnttnc	tcttcnnttc	cnngnatttn	nnttnnnntt	cnctnttngn	tntcncnct	720
anttcaancn	nctcttaant	ttngcnnttc	ctcnnttcnn	t		761

<210> 3339
 <211> 706
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(706)
 <223> n = A,T,C or G

<400> 3339	
nctaagtctg	ggctatcggt
gccccagac	ctgggcaggc
gcccagaaga	tgatgtttac
ctgtgcctta	gggcccttct
acctctttct	acacaagcac
gagtttcaact	cttgttgccc
tccaggccag	cctcagcctc
ctaattccttt	gtatttttag
tctcctgacc	tcgtgatcca
gccaccgcgc	cgggccggtt
aacacaaggt	gccgtaattg
gtgagtcgta	ttacgtagat
	ctttccgcag
	agcaggctca
	ttctctctcc
	catagctggt
	agttagttgg
	aggctggagt
	cctagtagct
	tagagatggg
	cccacctcgg
	gctggcatct
	aaaaaaaana
	ccagacatga
	nancccntcg
	gtgaagtctt
	gaagtggcgt
	gggactacag
	gtttgaccgt
	cctcccaaag
	taatgttctg
	aaaaaaaac
	taagatacat
	attcgagcctc
	tgatga
	ctgagtggag
	tgaaacaaaa
	gcaaaccatg
	atgactggaa
	cagggatgca
	gttttagacg
	cactgcaacc
	ccacgcctgg
	atggtctcga
	ataggtgtga
	atttccaata
	tagaactata
	60
	120
	180
	240
	300
	360
	420
	480
	540
	600
	660
	706

<210> 3340
 <211> 706
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(706)
 <223> n = A,T,C or G

<400> 3340	
ctaagtctgg	tngtctngttc
acatcagaag	atcattgagg
gctgggagaa	gctgcagtca
ggagtttatt	atggactcaa
agtggaacat	cctgttactg
aattgcagca	ggagagaaga
cttcgaagct	agaatatatg
attagtgcac	ctctctactc
gcaaggagac	gaagtttccg
agcagatcgc	caggcgcat
tggactgccc	accaacattg
tgggaacgtg	cacactgatt
	ttccgcagg
	atccccatcga
	ttcgaattcg
	gcacgaggcg
	aaatctgaag
	tatgttggag
	gagatgaata
	aggaactgac
	ttggtggagt
	ataactctgc
	ccaggaagaa
	tagcaataac
	cccttccacc
	aggaattgaaa
	tgcaataac
	ccccatgatt
	gaggtacagc
	caacctgtct
	acaccacaaa
	cagttg
	taagaaaaaa
	cagggactgt
	caaggctgca
	ggcagcttag
	agggccatgc
	tggcaggccc
	ctggagtacg
	tcgtgtgggc
	acaatattgt
	agtttgaagc
	60
	120
	180
	240
	300
	360
	420
	480
	540
	600
	660
	706

<210> 3341
 <211> 709
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1)...(709)
 <223> n = A,T,C or G

<400> 3341
 nnctaagtct gggctgctng nnccttntcg caggatccca tcgattcgaa ttcggcacga 60
 ggtacgagag tctgttgaac aacaggctga tagtttcaaa gcaacacgtt ttaaccttga 120
 aactgaatgg aagaataact atcctcgcct gcgggaactt gaccggaatg aactatttga 180
 aaaagctaaa aatgaaatcc ttgatgaagt tatcagctctg agccagggtta caccaaaaca 240
 ttgggaggaa atccttcaac aatctttgtg ggaaagagta tcaactcatg tgattgaaaa 300
 catctacctt ccagctgcgc agaccatgaa ttcaggaaact tttaacacca cagtggatat 360
 caagcttaaa cagtggactg ataaacaact tcctaataaa gcagtagagg ttgcttggga 420
 gaccctacaa gaagaatttt cccgctttat gacagaaccg aaagggaaaag agcatgatga 480
 catatttgat aaacttaaaagg aggcctgtaa ggaagaaagt attaaacgac acaagtggaa 540
 tgactttgcg gaggacagct tgaggggttat tcaacacaat gcttttggaa accgatccat 600
 atctgataaa cagcaatggg atgcagctat ttattttatg gaagagggtc tgcaggctcg 660
 tctcaaggat actgaaaatg caattgaaaa catggtgggt ccagactgc 709

<210> 3342
 <211> 715
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(715)
 <223> n = A,T,C or G

<400> 3342
 gtcctanagt gtggtctcgn cnnnccgnan gagntnggcg ggngcgaatt cggcacgagc 60
 agaacttcac agcagcctgt cctcatcagc aacccaacca ccttcatcag caacccaacc 120
 accttcacga gcaacccaac cacctcgtca gcaacccaac cacctcgtca gcaacccagc 180
 caccttcacg agcaacccaa ccacctcatc agcaacccag ccaccttcac cagcaaccca 240
 accacctcat cagcaaacca accactttca tctgcaaccc aaccactttc atcagcaact 300
 caacaccttc atctgcaacc caaccacctt catcagcaaa ccaaccacct tcttcagcaa 360
 cccaaccacc tcatcttgga gaaggagaag gaactgcaag ccaccaagtc ttcatttttc 420
 aggggtttgta atcttcccaa agttttcctt tgaaaatagg ataattgggtg gaattttcag 480
 agtgattaca tacctcaaca tttttattaa catacaacaa tgggaaagt catcatccat 540
 atactgcagt cacttaacaa acagccaatt attgcaagat tagaattgga gatcttgtcc 600
 tcaaaagtat aaatngtcct ttgagttata gaaaataatg gaattgggat ttctacatat 660
 cattattata cctatttttaa atttaattggg cagccaggca tggttccagc tacnt 715

<210> 3343
 <211> 708
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(708)
 <223> n = A,T,C or G

<400> 3343
 ctaatgctgg ctngctcggt ctntccgcag tanccctcga gtcgaattcg gcacgagact 60
 gcctccttcc acacgagtgc ccctttggcc aaagaagatt attatcagat attaggagtg 120
 cctcgaaatg ccagccagaa agagatcaag aaagcctatt atcagctgct ctgctcagtt 180
 agttttttatt cccggggtac caagcagctg cacagctcgt gcctgggagg cacgtagagg 240
 cccctggctc aggcagaggg agatgggttag actcttgcaag ggctaaaact ctaatttggga 300
 attgaatatt gtggatatct tagttaaagg ccatgcttac agcttagaaa tgaagcctta 360
 agctgcatca tcatatcgcc ctgtgtgggtc tgcaggggag caggacaagc caagcagaaa 420
 aagcgagtga tgatccctgt gcctgcagga gtcgaggatg gccagaccgt gaggatgcct 480
 gtgggaaaaa gggaaatttt cattacgttc aggtgtcaga aaagccctgt gttccggagg 540

gacggcgcag	acatccactc	cgacctcttt	atttctatag	ctcaggctct	tcttggggga	600
acagccagag	cccagggcct	gtacgagacg	atcaacgtga	cgatcccccc	tgggactcag	660
acagaccaga	agattcggat	gggtgggaaa	ggcatcccc	ggattaac		708

<210> 3344
 <211> 713
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(713)
 <223> n = A,T,C or G

<400> 3344						
gtnnctaata	ctgggctctc	gtncctttctc	gcagtanccc	ntcgattcga	attcggcacg	60
aggagacagc	agccccagc	gaatgaagct	gatgccagag	tcagaccgga	ggaggaagag	120
gagccactga	tggagatgcg	gctccgggat	gcgcctcagc	acttctatgc	agcactgctg	180
cagctggggc	tcaagtacct	ctttatcctt	ggtattcaga	ttctggcctg	tgcttggca	240
gcctccatcc	ttcgaggca	tctcatggtc	tggaaagtgt	ttgcccctaa	gttcatattt	300
gaggctgtgg	gcttcattgt	gagcagcgtg	ggacttctcc	tgggcatagc	tttgggtgatg	360
agagtggatg	gtgctgtgag	ctcctgggtc	aggcagctat	ttctggccca	gcagaggtag	420
cctagtctgt	gattactggc	acttggctac	agagagtgtc	ggagaacagt	gtagcctggc	480
ctgtacaggt	actggatgat	ctgcaagaca	ggctcagcca	tactcttact	atcatgcagc	540
caggggcccgc	tgacatctag	gacttcatta	ttctataatt	caggaccaca	gtggagtatg	600
atccctaact	cctgatttgg	atgcatctga	gggacaagg	gggcgggtctc	cgaagtggaa	660
taaaataggc	cgggcgtggt	gactttgcac	ctataatccc	agcacttttg	gan	713

<210> 3345
 <211> 710
 <212> DNA
 <213> Homo sapiens

<400> 3345						
ctaatagtcg	gctgcttggt	ctttttgcag	gatcccatcg	attcggaaaa	gttaaaaaag	60
acattgagtg	atgtaatacca	ccctgggggc	aatagccata	ttgccaatgg	tgcggccggg	120
tgtgtggcaa	cattacttca	tgatgcagcc	atgaaccctg	cggaagtgg	caagcagagg	180
atgcagatgt	acaactcacc	ataccaccgg	gtgacagact	gtgtacgggc	agtgtggcaa	240
aatgaagggg	ccggggcctt	ttaccgcagc	tacaccaccc	agctgaccat	gaacgttcct	300
ttccaagcca	ttcacttcat	gacctatgaa	ttcctgcagg	agcacttta	ccccagaga	360
cggtacaacc	caagctccca	cgtcctctct	ggagcttgcg	caggagctgt	agctgccgca	420
gccacaaccc	cactggacgt	ttgcaaaaca	ctgctcaaca	cccaggagtc	cttggctttg	480
aactcacaca	tacacagga	tatcacaggc	atggctagt	ccttcaggac	ggtatatcaa	540
gtaggtgggg	tgaccgccta	tttccgagg	gtgcaggcca	gagtaattta	ccagatcccc	600
tccacagcca	tcgcatggtc	tgtgtatgag	ttcttcaa	acctaatac	taaaaggcaa	660
gaagagtgg	gggctggcaa	gtgaagtagc	actgaacgaa	gccaggggtt		710

<210> 3346
 <211> 712
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(712)
 <223> n = A,T,C or G

<400> 3346						
gtnctaata	ngngctcncg	gcnngtccgc	aacagcccng	cggntcgaat	tcggcacgag	60
gccttttgtg	gggtctcata	cataactcag	tttccacaaa	gctgtgcccc	agctcagccc	120
tatggataga	agcatgggtc	ggggttcctt	tgctgaccag	ggtgtgtgct	ttgtccaagt	180

tactgacctt	cccaaacctc	atcaatgcac	ataaaaagag	cacttgcaaa	caatgaatct	240
agacatggac	cttcacaaag	aaataactca	aatggatcc	caggcctaaa	tgaaaaatga	300
aaaactataa	aactcctaga	agataacata	aaagaagatc	tagatgacct	agggtttggc	360
aatgactttt	tagatccagc	accaaaggca	ggatccagga	aagaaataat	tgataagctg	420
gacttcatta	aaacgaaaac	ttctgctctg	tgaaagatgc	tgccaaaaaa	tgaaaagaca	480
agccacagac	tgggagaaaa	tatttttgat	ggaaatatct	gagaagagag	gcttggtatc	540
caaaatatac	aaagaatttc	taaaactcaa	taatttgaaa	ataaacaacc	caatttaaaa	600
agtgggccaa	agatcttaaa	tgacgcctca	ccaaagaaga	tacacagatg	gcaaataagc	660
atatgaaaag	atgctcccgg	ctgggcacgg	tggtcacgc	ccgtaatccc	gc	712

<210> 3347

<211> 705

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(705)

<223> n = A,T,C or G

<400> 3347

nctaagtctg	ggcncttgtt	cttttngcag	gatcccatcg	attcgaattc	ggcacgaggt	60
ctagtataat	cttgatgctc	aaaccagata	aggacaatac	aagaaaggaa	gagtataggc	120
taattctacc	caataactaa	atgaagtatt	agcaaaccag	attcatcaat	aatcttttaa	180
aaatcaagaa	ttaattggat	ttaggaatat	aacactgtgt	ataacaagtt	taagagaaat	240
atatgagaat	gataagactg	caattgaaag	tagaggcttt	ctctggaggg	aaagggtgag	300
aggatgtgat	ttggaagaac	agcatgggga	ggcatcagtt	gtattgtaat	gtttattttt	360
taagctgaat	gataggtagc	tagatgttca	ttgtgttctt	tttgcttttt	tgtatatctt	420
aaatatatgg	tagtgccatg	attagcaggc	ttaatagcct	tgtgagttta	aatgtcactt	480
tcaaatgctg	tatttttggg	ggagttgctt	aaacacattc	cccttggaat	ctatacaacc	540
agttaaaaaa	atcatgtata	aaccaccatg	aaatataatg	aaatgtactg	tatatgcatt	600
ttcatgaatg	ttgtgtcaaa	gggctttag	gaaaaaaga	tcgttaactc	ttttgcattc	660
agtgaaaata	ggtggctttg	gaaatagttt	cagccttgct	aacac		705

<210> 3348

<211> 761

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(761)

<223> n = A,T,C or G

<400> 3348

ctaagtctgg	cngcttgttc	tttttgcagg	atcccatcga	ttcggaatga	gagctgctat	60
ttgtgtttta	aaagaccata	cagggccagc	cacagtggct	cacacctgta	atcccagcac	120
tttgggaggt	cnatgtgttt	ncacnctnt	tnntnagnan	nantntgtca	tggaggctta	180
ntttgtggng	tntgatgnca	tactgntagg	ccaacatgtg	tccnaggnan	agnngnangn	240
tnangccatt	agcntggtn	aaacttgccg	gatgttgatg	ctctantaag	ancegnatgt	300
gccatttntg	aactntttag	tantgangga	gtcntggtn	tcaanatgga	ntacanatg	360
ctantttacc	cgnncntgnc	taacnagant	ntgcccaacc	ttcatgtcat	gaaggnmntn	420
nantctttta	ttcccanngt	tnccnaaac	gaacantttg	cctgnacaca	ttttctactg	480
gnaccttacn	aatnaggtta	tcccgnatnt	tcntgattac	ttttcttctg	cnncnngana	540
tngtgcctnt	caccctactc	ctntatcent	ccattnacct	nttaggccat	ncncctaaac	600
gnntgcann	tntnancntc	cctnntnang	aattttctaa	atangnntta	attctctnnc	660
ctnacnttnc	tcttcnnttc	cnngnatttn	nnttnnnntt	cnctnttngn	tntcncnct	720
anttcaancn	nctcttaant	ttngcnnttc	ctcnnttcnn	t		761

<210> 3349

<211> 779

<212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(779)
 <223> n = A,T,C or G

<400> 3349
 atacagctct tgttcttttt gcaggatccc atcgattcga attcggcacg aggactgttc 60
 atcctaagtt ccactataaa caggctcatg actcgggcac agacacttct tgcgtgactt 120
 tttcctatga tggtaatgtc cttgcctctc gtggagggtga cgattcatta aaattatggg 180
 acatccgaca atttaataaa ccactttttt cagcctcggg tcttnccacc atgttcccaa 240
 tgactgactg ctgtttcagt ccagatgata agctcattca ctggtacatc tattcaaaga 300
 ggatgtggca gcggaact tgttttcttt gagcgtagga ctttccaaag ggtgtatgaa 360
 atagacatca cagatgagag tgttgntcgc tgctgtggc atccaaagct gaaccanac 420
 atgggttgaa ctggaaatgg attggctaaa gtctattacg accccacaag agtcagaggg 480
 gagcaaaatt atgtgtggtt aaaaccacgc ggaaggcaaa acaagctgag actctaactc 540
 aggactacat catcacccct catgccttgc ctatgttncg ngagccccgc caacggagta 600
 caaggnaaca gctggagaan gacagactgg atccccgaa gtcgcataaa cctgaacctn 660
 ctgtaccaag gccaggtcg tggtagccga ntttggaacc cacnggggca cttttttttt 720
 ctatattggg aanaacattg ttttgacaa aancgatgac agtaattctt cgggaagcn 779

<210> 3350
 <211> 704
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(704)
 <223> n = A,T,C or G

<400> 3350
 atgcggncaa tgctggctac tcgttctttt cgcaggancc cntcgattcg ctcacctgga 60
 ataatgagat cttacctaac tgggaaacaa tgtggtgctc tagaaaagtt cgagatttat 120
 ggtggcaggg aatccctcca agtgtgagag gcaaagctcg gagcttagcc attggcaacg 180
 agttaaatat caccacagag ctctttgaca tctgtcttgc ccgagccaag gagaggtggc 240
 ggtcccttag cacaggaggc tctgaagtgg agaacgaaga tgctggtttt tcagcagcag 300
 acagagaagc cagtctggag cttattaaac tggacatttc tagaacattt cctaattctt 360
 gcattttcca gcaagggtgt ccatatcatg acatgttgca cagtattttt ggcgcttata 420
 cttgttaccg gccagatgtg ggttatgtcc agggcatgtc cttcatagca gcagtgttga 480
 tcttgaactt agatactgca gatgccttta ttgccttttc taaccttctg aataaacctt 540
 gtcaaatggc gttttttaga gtggaccatg gccttatgtt gacttatttt gctgtcctc 600
 cagaggtctg cacactccac ttcacatgcc gttgactctc acagtctaag acttcagggc 660
 cgggaccttt gtccagcctg cacagtagag tgaggctgcc tctc 704

<210> 3351
 <211> 924
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(924)
 <223> n = A,T,C or G

<400> 3351
 annnnggnnn nnnnnnnnnn annagnnnnn nagnngttga ntttgaaacc tttagccctt 60
 ttgcagancc caccgnttcn gnagatgatg tggatanact tggatactcc cttgagtggg 120
 anatannngt gttcagactg nmcaagtnta nctccanaga ctttgaagtc tgctacccag 180

aggagcctct	cagggactgg	ccggagatct	ccctgctgac	cgagaacgac	cgccactacc	240
acattccagt	cntttaannc	cgctgggggc	cnaacagcag	ngctcaccag	tgacggtggt	300
cacagttgcn	ataaagtngt	ctctgaaacc	aaagctagca	tttcacnatg	gaaggaatta	360
ngacctattc	ttcaggatta	caggtacact	ggntgcaagc	catgcatgga	tggnttttct	420
taatnntnca	gtngatttgc	tctnaannca	nctgcanatg	aaaacanttg	gcgagtnggg	480
ngncnggact	ttgacccata	nagggggcgt	nggccacttc	acatgatggg	cggggngctat	540
tgggaccaca	aatnaaaggc	cngcntggac	ancaaacntg	ggaaaaaann	naagaangaa	600
aaaccacnnt	aaagngaaaa	nacangcntg	accttgggag	aggaaaaaaa	aaccaagttt	660
taaccggtnn	atggttcatt	cattnaaaaa	aacctnnanc	ntcggacttg	tattttggag	720
gggatttaan	taccnaaana	atngggncct	tattttttnan	aataaagcnn	anaacctttt	780
accnaaagaa	ancccnannt	ttgggaatan	tggcnatntc	taaangggan	cccatnnggg	840
attnaacntt	gtnaaaaaatt	aactaanact	ttcgggggaa	aagttgncna	aatngaaggt	900
ggntcānaaa	naaaanaaga	anng				924

<210> 3352

<211> 924

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(924)

<223> n = A,T,C or G

<400> 3352

ānnnnggnnn	nnnnnnnnnn	annagnnnnn	nagnngttga	ntttgaaacc	tttagccctt	60
ttgcagancc	caccgnttcn	gnagatgatg	tggatanact	tggatactcc	cttgagtgga	120
anatannngt	gttcagactg	nncaagtnta	ntccanaga	ctttgaagtc	tgctaccag	180
aggagcctct	cagggactgg	ccggagatct	ccctgctgac	cgagaacgac	cgccactacc	240
acattccagt	cntttaannc	cgctgggggc	cnaacagcag	ngctcaccag	tgacggtggt	300
cacagttgcn	ataaagtngt	ctctgaaacc	aaagctagca	tttcacnatg	gaaggaatta	360
ngacctattc	ttcaggatta	caggtacact	ggntgcaagc	catgcatgga	tggnttttct	420
taatnntnca	gtngatttgc	tctnaannca	nctgcanatg	aaaacanttg	gcgagtnggg	480
ngncnggact	ttgacccata	nagggggcgt	nggccacttc	acatgatggg	cggggngctat	540
tgggaccaca	aatnaaaggc	cngcntggac	ancaaacntg	ggaaaaaann	naagaangaa	600
aaaccacnnt	aaagngaaaa	nacangcntg	accttgggag	aggaaaaaaa	aaccaagttt	660
taaccggtnn	atggttcatt	cattnaaaaa	aacctnnanc	ntcggacttg	tattttggag	720
gggatttaan	taccnaaana	atngggncct	tattttttnan	aataaagcnn	anaacctttt	780
accnaaagaa	ancccnannt	ttgggaatan	tggcnatntc	taaangggan	cccatnnggg	840
attnaacntt	gtnaaaaaatt	aactaanact	ttcgggggaa	aagttgncna	aatngaaggt	900
ggntcānaaa	naaaanaaga	anng				924

<210> 3353

<211> 785

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(785)

<223> n = A,T,C or G

<400> 3353

ttacatcanc	tcttgttctt	tttgaggat	ccctcgattc	gggctagcga	tttctacctg	60
cgctactacg	tagggcacaa	gggcaagttt	gggcacgagt	ttctggagtt	cgaatttcgg	120
ccggacggaa	agcttagata	tgccaacaac	agcaattaca	aaaatgatgt	gatgatcaga	180
aaagaggctt	atgtgcacaa	gagtgtaatg	gaagaactga	agagaattat	tgatgacagt	240
gaaattacaa	agaagatga	tgctttgtgg	cctcccctga	tagggttggc	cgacaggagc	300
ttgaaattgt	aattggagat	gagcacatat	cttttaccac	atcaaaaaata	ggttctctta	360
ttgatgtaaa	tcagtcaaag	gatcctgaag	gccttcgagt	attttactat	ttggtacaag	420
acttgaaatg	tttagttttc	agtcttattg	gattacactt	caagattaaa	ccaatttaaa	480

ttgtatgttt	tcaggctggt	tgtatatatta	attaagggat	ggganggggt	atttgtcatt	540
tacagtattg	gggtttttat	gaatgtgaag	caaacaaaaa	aaatttgtat	gtaaactgga	600
aataagaaaa	tacatttagca	agccttaatg	ggatccctta	ctttgagtc	acatgggggt	660
ggacagtc	ccacacccat	taaattcttg	taaatgaaag	ccccctttt	gttaaaaaat	720
ttgctcta	aaaaacatac	caaatcctgg	nnnanaaaann	nnnnnnnnnn	nnnnnnnnnn	780
nnnct						785

<210> 3354
 <211> 785
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(785)
 <223> n = A,T,C or G

<400> 3354	
ttacatcanc	60
cgctactacg	120
ccggacggaa	180
aaagaggctt	240
gaaattacaa	300
ttgaaattgt	360
ttgatgtaaa	420
acttgaaatg	480
ttgtatgttt	540
tacagtattg	600
aataagaaaa	660
ggacagtc	720
ttgctcta	780
nnnct	785

<210> 3355
 <211> 686
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(686)
 <223> n = A,T,C or G

<400> 3355	
tgtgcncgga	60
acngtggtg	120
gagctagtgt	180
nancgagatt	240
atncaataaa	300
ttggaatgac	360
tacacatttc	420
nttcacncca	480
ggtcttttaa	540
ggnantcaca	600
aagaaccttt	660
ctaacatctc	686

<210> 3356
 <211> 790
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(790)
 <223> n = A,T,C or G

<400> 3356
 nnttnnnnttt taaagacttn canctctttt tctttntgca ggatcccatc gattcgaatt 60
 cggcacgggg ggagcaaata atangccctt gtgtgtgttt ttggcagana agccatgaag 120
 acaagcagat gctaataaaa gaatctgcat ctttgnttgt tattccatgt taaagggntg 180
 aaataaaggt aanagaatat ttgtactgtt gttatccaaa tccatctcct gttctactct 240
 ctattcaaaa taatcgtaca gtgactaaca gagctttcag accaacagta tttttatttt 300
 tcatttttaag ttcagggtac caacatttct ttccatggat gttgatggac gtgtcatcag 360
 agctgactct ttttcaaaaa tcatttcctc tgggttgaga ataggatttt taactgggtcc 420
 aaaaccctta atagagagag ttattttaca catacaagtt tcaacattgc accccagcac 480
 ttttaaccag ctcattgatat cacagcttct acacgaatgg ggagaanaag gtttcatggc 540
 tcatgtagac agggttattg atttctatag taaccagaa ggatgcaata ctggcagctg 600
 cagacaagtg gntaactggg ttggcagaat ggcattgtcct gctgctggaa tgtttttatg 660
 gattaaagtt aaaggcttaa tgatgtaaaa agaactgatt gaagaaaagg ccgttaaaat 720
 ggggttatta aagctcctgg aaatgtttct cgtcgatagc tcacttctan cccttacttg 780
 agagcttctt 790

<210> 3357
 <211> 686
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(686)
 <223> n = A,T,C or G

<400> 3357
 tgtgcnCGga aagatnagcc aaatgctttc aaagagctng ggacaggaaa tagaatngct 60
 acngtggctg atntatatga gtgatgtgtc tgcaggagga gccctgcttt tgctgaattg 120
 gagctagtgt ttggcccaaa aaaggaactg ctgntttggn ataantgtgn ngccannnga 180
 nancgagatt atagtacacg gcntgcagcc tgtncaggtg ctagttggca acaaattgggt 240
 atncaataaa tggctccatg aacgtggaca agaattnnca agaccttgtt cttntcagaa 300
 ttggaatgac aaacnggctt ccctttttct cctatngntg gtactcttat gtgtctgata 360
 tacacatttc ctngtcttaa cnttnaggga gttacaattg actaaacact tcatgattgg 420
 nttcacncca tganccctna tcccanggtt tcatttgtgg acaattgctt acttttgngg 480
 ggtcttttaa aaaggnacnc gaaatcttca ttattgccgt aaaaacctta aagatctgtt 540
 ggnantcaca agaagacaaa nggccgaaat tttaaagggg aggggaatttt tntattttta 600
 aagaaccttt ttnggttggg nnaaaaaacat aatttgagcn ttcnnctttt nagaattccc 660
 ctaacatctc aggttgggtg gggngg 686

<210> 3358
 <211> 705
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(705)
 <223> n = A,T,C or G

<400> 3358
 tatncatata gctcttggtc tttttgcagg atccctcgat tcgaattcgg cagcagaaga 60
 gaagctgaga cttctgcttc cacacccctt gcaagtgtt tcttgaaggc ctgggtgtat 120
 cggccaggag aggacacgga ggaggaggaa gatgaggatg tggatagtga ggataaggaa 180
 gatgattcag aagcagcctt gggagaagct gagtcaagc ccatccctc ccaccggac 240

cagagggccc	acttcagggg	ctggggatat	cgacctggaa	agagacagag	gaagaggaag	300
ctgctgagga	ctggggagaa	gctgagccct	gccccctccg	agtggccatc	tatgtacctg	360
gagagaagcc	accgcctccc	tgggctcctc	ctagctgccc	tccgactgca	aaggcggctc	420
aagcgcccag	aaacccctac	tcatgatccg	gaccctgaga	ctcccctaaa	ggccagaaag	480
gtgcgcttct	ccgagaaggt	cactgtccat	ttcctggctg	tctgggcagg	gccggccang	540
ccgcccang	gccctgggag	cagcttgctg	gatcgagcc	gttccacgcg	ataccaagc	600
ccagagactg	accctgctac	ctntgcccgc	aagctgcccc	tagaccactt	accctctgct	660
accaactgct	ctcttgctnn	ccagcaacac	cttngcantg	gcnac		705

<210> 3359

<211> 835

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(835)

<223> n = A,T,C or G

<400> 3359

tnnnnnnttt	atnttttnata	caanctcttg	ttctttttgc	aggatcccat	cgattcgttt	60
ggattgattc	agggagaaat	ttgcaactgat	ggctcagaag	cttacgtcat	ggagagtatg	120
acctacctca	cagcagggat	gctggaccaa	cctggctttc	ccgactgctc	catcgaggca	180
gccatggtga	aggtgttcag	ctccgagccg	cctggcagtg	tgtgagttag	gcgctgcaga	240
tcctcggggg	cttgggctac	acaagggact	atccgtacga	gcgcatactg	cgtacacccg	300
catcctcctc	atcttcgagg	gaaccaatga	gattctccgg	atgtacatcg	ccctgacggg	360
tctgcagcat	gccggccgca	tcctgactac	caggatccat	gagcttaaac	aggccaaagt	420
gagcacagtc	atggataccg	ttggccggag	gcttcgggac	tccttggggc	gaactgtgga	480
cctggggctg	acaggcaacc	atggagtgtg	gcaccccatg	cttgccggaca	gtgccaaaca	540
gtttgaggag	aacacctact	gcttcggccg	gacccgtgga	gacacttntt	gttccgcttt	600
ggcaagaaca	tcatgganga	acaacttggg	acttgaaagc	gggtgggcaa	cattcctnat	660
tnaaccttgt	attggcatga	cnggcctgtc	ttgtcccgng	ggccaanccg	cttccattec	720
gcatttgggc	ttncgnaaan	ccaccgaacc	acganggntt	ttntttgggn	ccaacaacnn	780
ttntggggtn	gggaaacctt	aactttgcaa	gaaaattttt	ttnaancctt	ntttt	835

<210> 3360

<211> 780

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(780)

<223> n = A,T,C or G

<400> 3360

tnnnnnnttt	aaatccatta	gctacttggt	ctttttgcag	gatcccatcg	attcgtgcgg	60
gagcacccga	gcctgcggct	ccagacggac	gcccgcagg	tgaggtgcat	cctgacaggt	120
cacgagctgc	cctgccgcct	gccggagctc	caggtctaca	cccgcggcaa	aaagtaccag	180
cggttggtcc	gcgcctcccc	ggccttcgac	tatgcagagt	tcgagccgca	catcgtgccc	240
agcaccaana	acccgtangt	ggtccncggc	ggcgcgggga	ggcccagggc	aatnngacag	300
nccctccgnt	tgactccgct	agtgtgcag	nccctactct	ttcanagttg	ggagccctgg	360
gaccaggga	ccaattgttc	ttgcaaactc	accctgcggc	acatcaacaa	gtgcccanaa	420
cacgtgctga	ngcacacca	aggccggcgg	taccagcgag	ctttttgtgta	aatatgaaga	480
atgtctnaag	caaggggttg	agtacatgcc	tgctgcctgg	tgcacccgan	gangaagang	540
gaaggacaaa	tggacngtga	acggccttcg	cccgcgggaa	agcttctggg	agcccacatt	600
caatgatgaa	gggggagctg	caagtgatga	cagcatgaca	gacctgtnc	cctgactttt	660
caccagaagg	accttgaaca	cngaggatgg	ggatggactg	atgatttttg	acaacaaaaga	720
ggttgaaagg	caaancccca	aaaaaaaggc	cttgtgaagg	cagganaaan	acaacctntc	780

<210> 3361

<211> 780
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(780)
 <223> n = A,T,C or G

```
<400> 3361
tnnnnnnttt aaatccatta gctacttggt ctttttgcag gatcccatcg attcgtgcgg      60
gagcacccga gcctgcggct ccagacggac gcccgcaagg tgaggtgcat cctgacaggt      120
cacgagctgc cctgccgcct gccggagctc caggtctaca cccgcggcaa aaagtaccag      180
cggctggtcc gcgcctcccc ggccttcgac tatgcagagt tcgagccgca catcgtgccc      240
agcaccaana acccgtangt ggtecnccggc ggcgcgggga ggcccagggc aatnngacag      300
nccctccgnt tgactccgcc agtgctgcag nccctactct ttcanagttg ggagccctgg      360
gaccagggca ccaattgttc ttgcaaactc accctgcggc acatcaacaa gtgcccanaa      420
cacgtgctga ngcacaccca aggcggcgcg taccagcgag cttttgtgta aatatgaaga      480
atgtctnaag caaggggtgg agtacatgcc tgctgcctgg tgcacccgan gangaagang      540
gaaggacaaa tggacngtga acggccttcg cccgcgggaa agcttctggg agcccacatt      600
caatgatgaa gggggagctg caagtgatga cagcatgaca gacctgtnc cctgactttt      660
caccagaagg accttgaaca cngaggatgg ggatggactg atgatttttg acaacaaaga      720
ggttgaaagg caaancccca aaaaaaaggc cttgtgaagg cagganaaan acaacctntc      780
```

<210> 3362
 <211> 780
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(780)
 <223> n = A,T,C or G

```
<400> 3362
tnnnnnnttt aaatccatta gctacttggt ctttttgcag gatcccatcg attcgtgcgg      60
gagcacccga gcctgcggct ccagacggac gcccgcaagg tgaggtgcat cctgacaggt      120
cacgagctgc cctgccgcct gccggagctc caggtctaca cccgcggcaa aaagtaccag      180
cggctggtcc gcgcctcccc ggccttcgac tatgcagagt tcgagccgca catcgtgccc      240
agcaccaana acccgtangt ggtecnccggc ggcgcgggga ggcccagggc aatnngacag      300
nccctccgnt tgactccgcc agtgctgcag nccctactct ttcanagttg ggagccctgg      360
gaccagggca ccaattgttc ttgcaaactc accctgcggc acatcaacaa gtgcccanaa      420
cacgtgctga ngcacaccca aggcggcgcg taccagcgag cttttgtgta aatatgaaga      480
atgtctnaag caaggggtgg agtacatgcc tgctgcctgg tgcacccgan gangaagang      540
gaaggacaaa tggacngtga acggccttcg cccgcgggaa agcttctggg agcccacatt      600
caatgatgaa gggggagctg caagtgatga cagcatgaca gacctgtnc cctgactttt      660
caccagaagg accttgaaca cngaggatgg ggatggactg atgatttttg acaacaaaga      720
ggttgaaagg caaancccca aaaaaaaggc cttgtgaagg cagganaaan acaacctntc      780
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<210> 3363
 <211> 917
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(917)
 <223> n = A,T,C or G

```
<400> 3363
ttatttcata aactattggt ctttttgcag gatccatcga ttcgaattcg gcacgagggc      60
```

tgcgaggttt	tcggttttgg	ctcctgatat	gcagcgacag	aattttcggc	ccccaactcc	120
tccttacct	gggtccgggtg	gaggaggttg	gggtagcggg	agcagcttcc	ggggaacccc	180
gggcgggggc	ggaccacggc	cgccctcccc	tcgagacggg	tacgggagtc	cgcaccacac	240
gccgcgtac	gggccccggt	ctaggccgta	cgggagcagt	cactctccgc	gacacggcgg	300
cagcttcccg	gggggcccgt	tcgggtctcc	gtccccctggc	ggctaccctg	gctcctactc	360
caggtccccc	gcgggggtccc	agcagcaatt	cggctactcc	ccaaggcagg	annanaanca	420
ncncanggt	tntncaagga	catntacacc	atttggatca	nggcgtntta	naaaaaaaaa	480
aatgttaatg	anttgaaaa	ntatttnaaa	gcctttnaat	gnttnnnnna	atccttnggg	540
nttggcctta	naaanccaan	attntngtng	gnnggntntt	aannccnnnc	aantncnnnn	600
nnattncntt	naaaacnttt	nnnccanggn	cnnaaaaaaa	nggggnaann	aaaaaacttt	660
tttnttnnaa	nnantttttt	tggaaaattt	naaaancntng	gaaaancntt	tnnnntngtn	720
ntnangggaa	annantnttt	tgggnncnaa	aaaacntttt	naannntnn	nggttnnnan	780
nnnttaaaaa	ntttnncccc	ccaannnnnt	nnanngnanc	ttttnnantt	ngggantaaa	840
nttnnnnnna	nggggnnttt	tttnngnnna	attnnnnnnn	annnnnnnan	nnanggggnt	900
ttngnnngna	annntnn					917

<210> 3364

<211> 778

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(778)

<223> n = A,T,C or G

<400> 3364

ttaatatata	tacanctact	tgttcttttt	gcaggatccc	atcgattcga	attcgggtacg	60
agatcagagg	aggcttcttc	atccttcaac	tccatgatga	actcctatat	gaagtggcag	120
aagaagatgt	tgttcaggtg	gtcagattg	tcaagaatga	aatggaaagt	gctgtaaaac	180
tgtctgtgaa	attgaaagt	aaagtgaaaa	taggcgccag	ctggggagag	ctaaaggact	240
ttgatgtgta	actgtgctgt	tgatgaagtc	ctcccaggga	agcctgtgca	gatgcagtca	300
cctggaaaga	acagagatta	ccctttcacc	tacctcagca	aaacaaactt	tcaagtcttg	360
atagacttag	cctagtaatt	ttatagttag	agtttcaaac	tatatatcag	tgtctatagc	420
atcaaaaaat	tctgggggcg	tgggggaagt	agaataccaa	gtataatagt	tacattcact	480
ttcaaagagc	atctatgaat	ttgccttttg	tacttactgt	ggctttaaac	atattcagaa	540
cagatgcttg	aaatatgcac	ttagcacttt	ggttnccat	ctgtctgggt	aaaccatgaa	600
gaaaatgaac	tgctgcctca	atcgaccag	acagcaccat	aggcagataa	agaattggnt	660
tcaccctggt	ggtggtaggc	atcgcggtgtg	actttttttn	ctctatatca	attttcagta	720
cgggaatagt	attttaaaat	agattggctn	ataaattatg	aatctttaag	tagtagan	778

<210> 3365

<211> 765

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(765)

<223> n = A,T,C or G

<400> 3365

gtnnnnngtt	tgannnccat	cnttttatat	ncatttttct	actngttctt	tttgaggga	60
tccctcgatt	cgaattcggc	acgaggggcg	aaaaagatga	ccgaaattca	aactcctgaa	120
aatactcttc	gtttatttga	tttagtaaaa	gtnaaagatg	agaaaattcg	ccaagctttt	180
tattttgctt	tacgagatac	cttagtagct	gacaacttgg	atcaagccac	aagagtagca	240
tatcaaaaag	atagaagatg	gagagtggta	actttacagg	gacaaatcat	agaacagtca	300
ggacaatgac	tgggtggtgga	agcaaagtaa	tgaaagggaag	aatgggttcc	tcacttggtta	360
ttgaaatctc	tgaagaagag	gtaaacaaaa	tggaatcaca	gttgcaaaac	gactctaaaa	420
aagcaatgca	aatccaagaa	cagaaagtac	aacttgaaga	aagagtagtt	aagttacggc	480
atagtgaacg	agaaatgagg	aacacactta	gaaaaattta	ctgcaagcat	ccagcgttta	540

atanagcang	aagaatattt	gaatgtccaa	gttaaggaac	ttgaagctaa	tgtacttgct	600
acagcccctg	acaaaaaaag	cagaaattgc	tagaagaaac	gttgtgcttc	aaacaaatat	660
gatgctgtgg	ctgagaagct	gtaaagtaaa	actgagttaa	ccttcccata	catcgtgaat	720
atatctactc	aggcacagca	cttgtaataa	tacataatat	gnttg		765

<210> 3366
 <211> 807
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(807)
 <223> n = A,T,C or G

<400> 3366	
ncttnaagcc	cttttaaanc
naatctgnac	gaaggaaccc
ggtggactgg	gnnnnangng
cagcanctca	atnaactgcg
attggccttn	nnatcngaag
gaaaggctgn	tttagntgtg
gccccagctg	gggtgacggc
tgcagnggaa	agtgttagc
nanagacgtg	gcngcntgtg
tctggtagnn	tnaaaaaaga
gggggtggcc	aaaaacatgg
nntntntnt	nnaaacacga
acngnactgg	ataaaccttt
taccaatc	atgccctnng
	ggntccn
	60
	120
	180
	240
	300
	360
	420
	480
	540
	600
	660
	720
	780
	807

<210> 3367
 <211> 785
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(785)
 <223> n = A,T,C or G

<400> 3367	
gnnnnttttn	nnmntntaaa
cgaattcggc	acgaggctgc
tcctgtttct	gcctctttaa
aaagaaaacc	tgagtggaca
tttttagaat	attctcaact
aatctcttga	atccaaaact
tgtcatgtgg	tgagtcaa
tagccacag	ttctggccta
gttgctaacc	ttaatttcta
gctgcaccgt	gttttctgta
acagattttt	tggttacctt
aatgtagaat	cagatgggac
taggaagctt	ttaaaaagacc
	aaggn
	60
	120
	180
	240
	300
	360
	420
	480
	540
	600
	660
	720
	780
	785

<210> 3368
 <211> 785
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(785)
 <223> n = A,T,C or G

<400> 3368
 gnnnnnttttn nnnntntaaa cccttnagct actcgttctt tttgcaggat cccatcgatt 60
 cgaattcggc acgaggctgc cacagggggg caatctttat ttgtcttact tcctaccct 120
 tcctgttctt gcctctttaa ctcagttaag ttgttctgtt tgggacctgg aaaagaaccc 180
 aaagaaaacc tgagtggaca ggttcatttc tggaatgcag aaaacatttt aaaggctaga 240
 tttttagaat attctcaact agcattcttt ccattgattt gaaggggaat taactattat 300
 aatctcttga atccaaaact ggatattaag aactttcccc ctactaagt ttaagacttt 360
 tgtcatgtgg tgagtcaaat aagaccattt tgattgtaaa ccataaaata gttcagcaag 420
 tagccacag ttctggccta acagcagact tgctgttttc acttggtatc ctggagtgg 480
 gttgctaacc ttaatttcta tgatgttttc taaaatgaaa cttgataaag tagaccacca 540
 gctgcaccgt gttttctgta aaagtattgt tagtaagtgg ccaagagact tgaggaaaat 600
 acagattttt tggttacctt ggtcttgggt taagtcttaa aaaattaaag ataacattat 660
 aatgtagaat cagatgggac atagtccttg taagcttncc ttggaaatgt tttaaatatt 720
 taggaagctt ttaaaagacc taaattgtac tctaaaagac actnaattgt ctaatgtaca 780
 aaggn 785

<210> 3369
 <211> 1000
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1000)
 <223> n = A,T,C or G

<400> 3369
 aatttttttn nmccnaattt ttccnaagg gcccttaac cttttgggtt tttccctttt 60
 ttttttttgg gcccaanggg gaaattcccc ccccaattc ccgnaattt ttcccggnaa 120
 aaatttttcc cggggccca cccgnaagg gggaaggggg gaaaaatttt taaccagg 180
 gggtttaagg gcccaaaaa aaatttttaa ttggggggaa gggnttttgg ggggaaggg 240
 gnaaccagg gtttanttgg aaaaccccc cnatTTTTt tgggacctt ttttggccac 300
 ccgggggaaa aaagggaatg gaaagcccc aannaatggg cttttttcca aaaaagaaag 360
 cttggggggg ggaccaaggg gaaaaataag aaattggctt accatgggct tggttttata 420
 tgaatgatgt gtctgcagga ggacctgtt tttctgaagt tggactagt tgcccaaaa 480
 aaagaactgt gtttggtata atctgttgca gtggagaagg agatatagtc acggcatcac 540
 ctgtcagtg tagtggcaac aaatgggtat caataaatgg ctcatgaacg tggacaagaa 600
 tttcgaagac cttgtcgttg gncagaattg gaatgacaaa caggcttccc tttttctcct 660
 attggtgna ctcttatgtg ctgatataca catttcctag tcttaacttt caggagtta 720
 caattgacta aactccatg attgattcag tcatgaacct catcccatgt ttcattctgt 780
 ggacaattgc ttacttttgt ggtttctttt aaaaagtaac acgaaatcat catattgcat 840
 aaaaccttaa aagttctgtt ggtattcaca agaaagacaa aggcagaagt ttaaaagtgg 900
 anggaatttt atatttttaa gaactttttg ggttgataa aaacataatt tgagccatcc 960
 nagttttaag tantttcact acatctcaat tgggtgggtg 1000

<210> 3370
 <211> 1000
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1000)
 <223> n = A,T,C or G

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<400> 3370
aatttttttn nncnaattn tccccnaagg gccccctaac cttttgggtt tttccctttt    60
tttttttttg gcccaanggg gaaattcccc cccccaattc ccgnaattn tttcccgnaa    120
aaatttttcc cggggcccn cccggnaagg gggaggggg gaaaaattn taaccaggg    180
gggtttaagg gcccacaaaa aaatttttaa ttggggggaa gggnttttg ggggaaggg    240
gnaaccagg gtttanttg aaaaaccccc ccnattn tgggaccnt tttgcccac    300
ccgggggaaa aaagggaatg gaaaaccccc aannaatgg cttttttcca aaaaagaaag    360
ccttgggggg ggaccaagg gaaaaataag aaattggctt accatgggct tggttttata    420
tgaatgatgt gtctgcagga ggaccctgtt tttctgaagt tggactagt ttgccccaaa    480
aaagaactgt gtttggtata atctgttgca gtggagaagg agatatagt acggcatcac    540
ctgtcagtc tagtggaac aaatgggtat caataaatg ctcatgaac tggacaagaa    600
tttcgaagac cttgtcgtt gncagaattg gaatgacaaa caggcttccc tttttctct    660
attggtgna ctcttatgt ctgatataca catttcctag tcttaacttt caggagtta    720
caattgacta acactccatg attgatcag tcatgaacct catcccatgt ttcattctgt    780
ggacaattgc ttactttgtt gggttctttt aaaaagtaac acgaaatcat catattgcat    840
aaaaccttaa agttctgtt ggtattcaca agaaagacaa aggcagaagt taaaagtgg    900
anggaattn atatttttaa gaactttttg ggttggataa aaacataatt tgagccatcc    960
nagttttaag tantttcact acatctcaat tgggtgggtg    1000

```

```

<210> 3371
<211> 924
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(924)
<223> n = A,T,C or G

```

```

<400> 3371
annnnngnnn nnnnnnnnnn annagnnnn nagngttga ntttgaaacc tttagccctt    60
ttgcagancc caccgnttcn gnagatgatg tggatanact tggatactcc cttgagtga    120
anatanngt gttcagactg nncaagtnta nctccanaga ctttgaagtc tgctaccag    180
aggagcctct cagggacttg ccggagatct cctgtctgac cgagaacgac cgccactacc    240
acattccagt cntttaannc cgctgggggc cnaacagcag ngctcaccag tgacggtggt    300
cacagtgcn ataaagtngt ctctgaaacc aaagctagca tttcacnatg gaaggaatta    360
ngacctatc ttcaggatta caggtacact ggntgcaagc catgcatgga tggnttttct    420
taatnntnca gtngatttgc tctnaannca nctgcanatg aaaacanttg gcgagtnggg    480
ngncnggact ttgaccata nagggggcgt ngggcacttc acatgatggg cgggggntat    540
tgggaccaca aatnaaaggc cngcntggac ancaaacntg ggaaaaaann naagaangaa    600
aaaccacnnt aaangaaaa nacangcntg accttgggag aggaaaaaaa aaccaagttt    660
taaccggtnn atggttcatt cattnaaaa aacctnnanc ntcggacttg tattttggag    720
gggattttaa taccnaaana atnggncct tatttttnan aataaagcnn anaacctttt    780
accnaagaa ancccnantt ttgggaatan tggcnatntc taaangggan cccatnnggg    840
attnaacntt gtnaaaaatt aactaanact ttcgggggaa aagttgncna aatngaaggt    900
ggntcanaaa naaanaaga annng    924

```

```

<210> 3372
<211> 789
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(789)
<223> n = A,T,C or G

```

```

<400> 3372
ttccatcagc tcttgttctt tntgcaggat cctctgattc gaattcggca cgagattcca    60
aaggtncaa anaacttggg cataantatg atnatgagaa gacancgtct tctntttaa    120
acagnttant ngccttcact tttgtgaaaa tagntttcan cacanaaact gactnttta    180

```

gacaaagttn	taaccaatga	tngngtnngc	ttctaggata	tacactctaa	ancaactcac	240
tgteccacgt	ggtgggtcatt	gctggccnta	ntnanttggg	cctgcntaan	natattgata	300
tctaatttcn	tttaaccacc	ntnantngnc	cttanttacc	ancnggggnn	nactncacgn	360
ggcaactgng	gcntngcntn	cttnnccagc	tcatggtgng	tgaatgttat	acaaattgcc	420
actcagatat	atthtttgnc	gtaatggggg	gtacaaatga	tcatgtgatg	tgtncaactca	480
tntggtgcaa	agtggcccn	gcaccaacng	ngncnnggtn	ctcanccaca	accntgctnc	540
ctctgagatn	cacnnccnt	cancctccga	gtaangagtt	gcgntacaac	tcatcaangg	600
nanactggnt	aatattaaaa	atcatccnat	atgnccatac	ttncctntt	ttgtancctg	660
cccaannatc	ccgtcaaagg	gnggtgtttn	tctngcta	ttcccaccag	ntggmntann	720
nttaattccn	ctcaggganc	aaanngttca	caatgccttt	ctttttttcc	cgnggggntt	780
ttggaagcn						789

<210> 3373

<211> 869

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(869)

<223> n = A,T,C or G

<400> 3373

atttcaaaaa	ctcttgccctt	nttaaanacc	tnncgntact	cgatcntnca	cgaggaanga	60
ggacctaggc	acacacatat	ggtggccaca	cccaggagg	tagtgngag	ttagatttna	120
gagtcaggc	cctaggttg	gacccactcc	aaataatctc	ctcgggtgtg	gtggtggttn	180
tatanangga	taaatgaata	ataaacattn	ntaaaatata	cgctattcct	tgntggaaat	240
gcctgctgca	cccccggttc	cantgacntn	ccgaangngg	ntatnnggtg	gtcantggaa	300
tnacagtcaa	tccanangtn	ancngcngg	gntgcatcaa	gctgncctcg	cacctgggnt	360
nnncaccctc	tgccccacac	tggtnatgat	gccacacctt	nccatgttca	cnctgttttg	420
aaaaanncct	ttntttttcc	tctttttaaag	agaaaacatt	ganaaagatt	ttttttttta	480
atgggcccgc	ccnaaaagg	agatctnccc	ncccttgtat	atnatantnn	tgaccctncc	540
tacnaagang	gcgttttttg	caaaatnatt	ntttntttt	tcncgnggtg	gtgggggaaa	600
aatttttcct	ggggggggcc	ttngnngccn	aactntta	tttccccatt	aaggcaannt	660
ttctttgggg	gnctttcccc	nggggcttaa	ncnttaaaact	ttggaatttt	tntnggggtt	720
ggttnngccn	taaattttta	nnaaaatggt	ngtcnaaccc	aaaaaaaaat	ntnaccctcg	780
ggggccnaan	anttttttnc	cccccttgga	ngccttttan	tttccccac	aaactttttt	840
ttttccctt	ccaaccnctt	ttattcttt				869

<210> 3374

<211> 1128

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1128)

<223> n = A,T,C or G

<400> 3374

gngggggnnn	nnnnnnnggg	gngggggnnn	ggcgnnnggn	ncgncggnnn	ancnnnnnnn	60
nnnnnnnggg	ggnnnccccc	cggtttttt	ggccaaaatn	ttgggccnaa	naaaccagg	120
gcccttacct	nggggncccc	ctttntttt	tgggcccang	gggnnagccc	nccncgncc	180
cggnnanggg	ggcnggggg	gnagggcccc	gcngcnaang	ccgnaggggg	ggggggcncg	240
cgccccccnc	ccannngncc	aagaganaaa	nnnaggcgcc	nnagnngaang	nggaannccc	300
ntggggcngg	gggnnanana	nccaangngg	aggggggggg	ggggccggcc	gggntcgggg	360
gagnnacggn	cantnggnccn	ggggggnggg	aggggcacag	ggggaggagg	ncttnngngg	420
ggnggagcga	gcgcggggcn	cnancagnng	gggancncnn	gcaangggca	nnagangccg	480
nggnccacct	acnnngggga	ngcaaggcnn	tngnagtnat	ngggggnagg	agcaaaaang	540
ggngncccn	ngctaggncg	ancntggggg	agggagcngg	ccngaacagc	nggggggnnc	600
tggnngagaa	cnggagcgng	ncngnacggc	ccnggagaca	aggagcgtct	gggggagggc	660

gatggcaagg	ggtatgggng	gctgggacan	gngggggacc	cnagnnaaa	nncgtgnggc	720
aagngggacg	tnngggngn	nngctggata	agggncgcaa	ggtaccnagn	cgggnncagg	780
gngncactgg	nangcaggga	gagccgagga	cggnnagngc	gnggntgagg	gnacgncng	840
gangacgtgc	caggnaaccc	nggggncng	ggcgggnaaa	cnngncgagc	ncgccggggc	900
ngcgtcgcag	agcngggnnn	aggcgannng	gtnaaggngg	nggngngggg	angnnngggg	960
cgaggggncn	aaggatnnng	aggggggnac	acntgggcn	ganggcatgg	ncngcncgg	1020
ggccgaaaca	cgggaacgcg	gggggagggc	angngngggg	nctgggggnc	cgncgggnag	1080
gggnacnngg	ggcgggggcg	cagtggncag	tgtgnnngcg	gcgagccg		1128

<210> 3375

<211> 1128

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1128)

<223> n = A,T,C or G

<400> 3375

gngggggnnn	nnnnnnnggg	gngggggnnn	ggcgnnnggn	ncgncggnnn	ancnnnnnnn	60
nnnnnnnggg	ggnncccccc	cgggtttttt	ggccaaaatn	ttggggccnaa	naaaccacagg	120
gcccttacct	nggggncccc	ctttnttttt	tggggccang	gggnnagccc	nccncgnncc	180
cgggnanngg	ggcngggggg	gnagggcccc	gcngcnaang	ccgnaggggg	ggggggcncg	240
cggccccccn	ccannngncc	aagaganaaa	nnnaggcggc	nnagnaang	nggaannccc	300
ntggggcnng	gggnnanana	nccaagnngg	aggggggggg	ggggccggcc	gggntcgggg	360
gagnnacggn	cantnggncn	ggggggnggg	aggggcacag	ggggaggagg	ncttnnggng	420
ggngagcgga	gcgcggggcn	cnancagngn	gggancncnn	gcaangggca	nnagangccg	480
nggnccacct	acnnggggga	ngcaaggcnn	tnagnatnat	nggggggnagg	agcaaaaang	540
ggngncccn	ngctaggncc	ancntggggg	agggagcnng	ccngaacagc	ngggggggnnc	600
tggngagaaa	cnggagcgng	ncngnacggc	ccnggagaca	aggagcgtct	gggggagggc	660
gatggcaagg	ggtatgggng	gctgggacan	gngggggacc	cnagnnaaa	nncgtgnggc	720
aagngggacg	tnngggngn	nngctggata	agggncgcaa	ggtaccnagn	cgggnncagg	780
gngncactgg	nangcaggga	gagccgagga	cggnnagngc	gnggntgagg	gnacgncng	840
gangacgtgc	caggnaaccc	nggggncng	ggcgggnaaa	cnngncgagc	ncgccggggc	900
ngcgtcgcag	agcngggnnn	aggcgannng	gtnaaggngg	nggngngggg	angnnngggg	960
cgaggggncn	aaggatnnng	aggggggnac	acntgggcn	ganggcatgg	ncngcncgg	1020
ggccgaaaca	cgggaacgcg	gggggagggc	angngngggg	nctgggggnc	cgncgggnag	1080
gggnacnngg	ggcgggggcg	cagtggncag	tgtgnnngcg	gcgagccg		1128

<210> 3376

<211> 793

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(793)

<223> n = A,T,C or G

<400> 3376

aantacatca	gctntnttct	ttttgcagga	tcccatcgat	tcgagaaagt	gctagcacag	60
tttgtgttgt	ggatttgcta	cttccatagt	ttacttgaca	tggttcagac	tgaccaatgc	120
atttttttca	gtgacagtct	gtagcagttg	aagctgtgaa	tgtgctaggg	gcaagcattt	180
gtctttgtat	gtggtgaatt	ttttcagtg	aacaacatta	tctgaccaat	agtacacaca	240
cagacacaaa	gtttaactgg	tacttgaaac	atacagatat	gttaacgaaa	taaccaagac	300
tcgaaatgag	attatttttg	tacacctttc	tttttagtgt	cttatcagtg	ggctgattca	360
ttttctacat	taatcagtg	tttctgacca	agaatattgc	ttggattttt	ttgaaagtac	420
aaaaagccac	atagtttttc	cagaaagggt	tcaaaactcc	caaagattaa	cttccaactt	480
ataagtttgt	ttttattttc	aatctatgac	ttgactggta	ttaaagctgc	tatttgatag	540
taattaaata	tgttgtcatt	gatataaacc	tgtttgggtc	agcaaacaaa	ctaaaatgat	600

tgtcataaga cagggggtttt atttttcctg gtggngtng ctgatttgng gagcatgcct	660
ttaagaatga aaaaagcctg gaatggataa ccttcctta aaaaaggngc cggcattcca	720
attcaaaata ttttcgtcct ggatttnaaa gctggttggg gtaatgctaa ttaaaaattc	780
cttcagttaa ttt	793

<210> 3377
 <211> 828
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(828)
 <223> n = A,T,C or G

<400> 3377	
tcccttttng aaagctttta acctttttta aaccnttcag ctcggnccc attgcngann	60
cnatctantc nnngccggcn ccgcnengnn gtntnncatt nataaanngc ttgaanatna	120
tgatgtngcc ntctagnnac nnagatttga ntccgnttan ngaatgtgga aatntgcnc	180
ggaagaaatg ttncnttna tgatagctcg tgnatggaaa aaagngcact gnatttatta	240
cacaaactta cnaatgcttn acttctttac acaacatnng tnaantnata tttgggntat	300
tgcatnctat naacaatttg tgnatgnntt aanatgggtg tnatnactnt gntnnncgnc	360
annntgtttt taacnnatan tggccctaaa atatgggtgt gcttatataa tcgcttactt	420
ctggcnactgn aacngnnnta cngaggacag ntgggntttt aacctcttn ttgnacgttt	480
gccngaccta cntggmctan tatggattct aaaagtactt caatgnnctt annaagaaac	540
atatecttgn ggngtattta gatgcttttt gattataccc acacaatncc tgaggggaca	600
ttttggggcn tngaataata aacanttnna tntccactta ncatctgcc cccngnggta	660
agttactatt ngttnnngcng gtacaactaa atnnttttc ccantntttt aattgggaaa	720
taggggagaa tnnctangnc tttantggnt ggtntctggc ctcaatggac natnnaacaa	780
ttgnnaaana caaatntgta aatcccggaa ttcctnataa aaaaaant	828

<210> 3378
 <211> 793
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(793)
 <223> n = A,T,C or G

<400> 3378	
nnnnnnnntt nnttttnata tacatncagc tcttggtctt tttgcaggat cccatcgatt	60
cgctgacaac ttgattgggt tctccttcag gtttgaagcg ccctcgagaa gtgtctaaag	120
gagacagttg atagccaaac aacagttttg gattcactga ctgattatga aagaagcagt	180
agactggtat caagaatcag tcagcaagga ggccctcacc agacgccagt gccatgttct	240
tggacttctc agcctccata ttcatgaact aagttttttg aatccttagg ctccngtgt	300
ggaaagcctg agctaacctc ctggaggatg agccatcacc tggagcagat tcaggccatc	360
ctagtgaag cctccctagg ccaagcaacc gtccaactac cagacattga ccattcagcc	420
ttgaacattc agcacaaga caaaacagac cagaccagaa gagtcccaca gaatagggga	480
aactattcag agaaaactta agccactaag ttttatgggt tttgttctg tagcagaagc	540
ataggcatac tgacaataca aaccgaaatc cttctaactg agtggacctt ttcaggccac	600
attttttntc tgaaaacctg gagcatgtat catcttatag cagagatcac tttcacaatg	660
tttgggctct tgatttgaat tgatgatgta atgagccctc tatncagatg nnactaatta	720
ctctgcgaat tgactgggat tcacaccctt ctaatatattt acttttcctc ttttatcaac	780
tctcattctc gct	793

<210> 3379
 <211> 686
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(686)
 <223> n = A,T,C or G

<400> 3379
 tgtgcncgga aagatnagcc aaatgctttc aaagagctng ggacaggaaa tagaatngct 60
 acngtggtctg atntatatga gtgatgtgtc tgcaggagga gccctgcttt tgctgaattg 120
 gagctagtgt ttggcccaaa aaaggaactg ctgnnttggg ataantctgn ngccanngga 180
 nancgagatt atagtacacg gcntgcagcc tgtncagggt ctagttggca acaaattgggt 240
 atncaataaa tggctccatg aacgtggaca agaatnnmca agaccttggt cttntcagaa 300
 ttggaatgac aaacnngcctt ccctttttct cctatngntg gtactcttat gtgtctgata 360
 tacacatttc ctngtcttaa cnttnagggg gttacaattg actaaacact tcatgattgg 420
 nttcacncca tgancctna tcccanggtt tcatttgggg acaattgctt acttttgnng 480
 ggtcttttaa aaaggnacnc gaaatcttca ttattgccgt aaaaacctta aagatctgtt 540
 ggnantcaca agaagacaaa nggccgaaat tttaaagggg aggggaatttt tntattttna 600
 aagaaccttt ttnggttggg nnaaaaacat aatttgagcn ttcnnctttt nagaattccc 660
 ctaacatctc aggttgggtg gggngg 686

<210> 3380
 <211> 789
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(789)
 <223> n = A,T,C or G

<400> 3380
 ttccatcagc tcttgttctt tntgcaggat ccctcgattc gaattcggca cgagattcca 60
 aaggttncaa anaacttggg cataantatg atnatgagaa gacancgtct ttctnttaaa 120
 acagnttant ngccttcact tttgtgaaa tagnmttcan cacanaaaact gacttnttta 180
 gacaaagttn taaccaatga tngngtnngc ttctaggata tacactctaa ancaactcac 240
 tgtccacagt ggtggctcatt gctggccta ntnanttggg cctgcntaan natattgata 300
 tctaatttcn tttaaccacc ntnantngnc cttanttacc ancnggggnn nactncacgn 360
 ggcaactgng gcntngcntn cttmccagc tcatgggtng tgaatgttat acaaattgcc 420
 actcagatat atttttggnc gtaatggggg gtacaaatga tcatgtgatg tgtncactca 480
 tntgggtgcaa agtgccccng gcaccaacng ngncnnggtg ctcanccaca accntgctnc 540
 ctctgagatn cacnccccnt canctccga gtaangagtt gcgntacaac tcatcaangg 600
 nanactggnt aatattaaaa atcatccnat atgnccatac tttncctntt ttgtancctg 660
 cccaannatc ccgtcaaagg gnngtgtttn tctngctaatt tccccaccag ntggmntann 720
 nttaattccn ctcaaggganc aaanngttca caatgccttt ctttttttcc cgnngggntt 780
 ttggaagcn 789

<210> 3381
 <211> 784
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(784)
 <223> n = A,T,C or G

<400> 3381
 naacacttng ctacnngttc tttttgcagg atcccatcga ttcgaattcg gcacgaggag 60
 atctctggga tgtcagttag gctggttgaa gaccagaggt aaactgcaga ggtcaccacc 120
 cccaccatgt cccaggtgat gtccagccca ctgctggcag gaggccatgc tgtcagcttg 180
 gcgccttggt atgagcccag gaggaccctg caccagcac ccagccccag cctgccaccc 240

cagtgttctt	actacaccac	ggaaggctgg	ggagcccagg	cctgatggc	ccccgtgcc	300
tgcattgggc	cccctggccg	actccagcaa	gccccacagg	tggaggccaa	agccacctgc	360
ttcctgccc	ccctggtga	gaaggccttg	gggaccccag	aggaccttga	ctcctacatt	420
gactttctac	tggagagcct	caatcagatg	atcctggaac	tggaccccac	cttccagctg	480
cttccccccag	ggactggggg	ctcccaggct	gagctggccc	agagcaccat	gtcaatgaga	540
aagaaggagg	aatctgaagc	cttgggtaag	gatttggggc	acagtaccag	gaggggggct	600
tggtgccaga	cctcatgagg	aagaaggatt	ttcctatgta	cagagaaggg	gaccctgtgc	660
ctgttgggan	gtgctgtgca	aacctaacca	aagttactaa	cccctctggt	ttctgngggt	720
acacaaangg	ggataaatac	aaagctttnc	ctnaactagc	caattctatt	tgggtttcct	780
gagt						784

<210> 3382
 <211> 775
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(775)
 <223> n = A,T,C or G

<400> 3382						
aaccaccagc	tacttgttct	ttttgcagga	tcccatcgat	tcgaattcgg	cacgagtga	60
agttcaaaca	gaaattgcat	tgttattaca	gagaaagcaa	gaactagttg	cagaactgga	120
ccaggatgaa	aaggaccagc	aaaatacatc	tcgcctggta	caggaacata	aaaagctttt	180
agatgaaaac	aaaagccttt	ctacttacta	ccagcaatgc	aaaaaacaac	tagaggtcac	240
cagaagtcag	cagcagaaac	gacaaggcac	ttcatgattc	tctgggaccg	ttacattttg	300
aaatatgcaa	agaaagactt	tttttaagga	aaggaaaacc	ttataatgac	gattcatgag	360
tgtttagctt	ttggcgtgtt	ctgaatgcc	actgcctata	tttgctgcat	ttttttcatt	420
gtttattttc	cttttctcat	ggtggacata	caattttact	gtttcattgc	ataacatggt	480
agcatctgtg	acttgaatga	gcagcacttt	gcaacttcaa	aacagatgca	gtgaactgtg	540
gctgtatatg	catgctcatt	gtgtgaaggc	tagcctaaca	gaacaggagg	tatcaaacta	600
gctgctatgt	gcaaacagcg	tccatttttt	catatttagag	gtggaacctc	aagaatgact	660
ttattcttgn	atctcatctc	aaaatattaa	taattttttt	nccaaaaaga	tggtatatac	720
caagttaaag	acagggtatt	ataaatttag	agtgattgnt	ggatattacc	ggaaa	775

<210> 3383
 <211> 1044
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1044)
 <223> n = A,T,C or G

<400> 3383						
naacgcnnngc	tacttgttct	ttttgcagga	tcccatcgat	tcgaattcgg	cacgagcccc	60
ggtcgtgtag	cggtggtata	ctacggtcaa	tgccttgaaa	tctgtggagc	aaaccacagt	120
ttcatgcccc	tcgtcctaga	attaattccc	ctaaaaatct	ttgaaatagg	gcccgtattt	180
accctatagc	acccctctca	gagccaatan	annaantnat	nntnnnaanc	ncnnnancnt	240
ananaancctc	nancctttan	actntnnng	agtcntnntn	annnnnatnc	anacatgntc	300
ncatacatcn	cttatttttg	ncnnccnnn	cctnnannng	ncnnnnanan	angcnntntt	360
ntcaaattnn	nnnnccnnng	nnnnnnntc	nnccatnnc	nnnncnnttc	tacnnatnnc	420
nnntnctac	nnntccnntn	cnttnnaann	ntccnccnc	ntnncngnnn	nctnncnnnt	480
tnnntnnnnn	nnnnnnncnn	ntctnnccnc	cnnnnctcc	nnnnnnnncc	nnntcnnnc	540
tncnnnnnnn	ncnctnntn	tnnccnnnnn	nnttnntnnn	nnntnccnnc	nnntnnnnnt	600
nnnnnnnnnn	ncntnccnnn	nnntnnnnnn	nnnnnnnnnn	tnnnnnnnnn	nnntnnnnnn	660
nnnccnnnnn	nnnnnnnnnn	nnntnnnnnn	nnntnccnnc	tnnnnnnnnn	nnntnnnnnn	720
nactnannnc	nnnnnnctnt	nnnnnnnnnn	nnnnctnnnn	cnntcnctct	cnncccnntn	780
tatcnnnna	nnnnnttnnn	nnnnnnnnnn	nnnnctnnnn	ntcnnnnnnn	cnnnnnnnnn	840

nntnnnnnnn	cnntncncnn	tnnnnnnnnn	nnnnnnnnnn	nntctnnnnn	nnnnnnnnnn	900
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	tctcnnnnnn	cnntnnnnnn	cnntcnnnnn	960
nnnnnnnnnn	cnntcnnnnn	tnntcnnnnn	nnntcnnnnn	tacctttacn	nccnncnnnn	1020
cttncnna	acncaatncc	ncct				1044

<210> 3384
 <211> 783
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(783)
 <223> n = A,T,C or G

<400> 3384	
tcaacagctg gctactcggt ctntntgcag gatcccatcg attcgaattc ggcacgagca	60
gccttggtga cagagcgaga ccctgtctct aaaaaataaa taaataaaat attgtgagtc	120
tctgatggg agcagtattg catggtggtt gagaactgag gctctgatgt tagaactgga	180
ttctgactta acccactggt tgcccacatc ttgagccttg gtttcctat ctgtaaaatg	240
gcagtattct cgggctggct gaggaagga aatgaggcca ggcgcggttg ctcaggcctg	300
taatcccagc actttggcag gctgaggcag gtggatgatt tgaggccagg agtttgagat	360
cagcctgacc aacatggcaa acccccgcgt ccactaaaaa tagaaaaaaa tagctgggca	420
tggtggtgca ccctgtagt ctgagctact tgggagacag aagcaggaga attggttgaa	480
cttgggaagg ggaggttgca gtgagctgag atcgcaccac tgcactccat cctgggagac	540
agagcaagac tgtctcaaaa taaataaaata aataaaataa taaagttaaa aaanaaaaaa	600
aaaaactcga gcctctagaa ctatagttag tcgtattacg tagatccaga catgataaga	660
tacattgatg agttcggaca aaccacaaac tagaatgcan tgaaaaaaa tgctntatatt	720
gtgaaatttg tgatgctatn gcttttattt gtaaccatta taagctgcaa ttaaccagtt	780
aaa	783

<210> 3385
 <211> 783
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(783)
 <223> n = A,T,C or G

<400> 3385	
tcaacagctg gctactcggt ctntntgcag gatcccatcg attcgaattc ggcacgagca	60
gccttggtga cagagcgaga ccctgtctct aaaaaataaa taaataaaat attgtgagtc	120
tctgatggg agcagtattg catggtggtt gagaactgag gctctgatgt tagaactgga	180
ttctgactta acccactggt tgcccacatc ttgagccttg gtttcctat ctgtaaaatg	240
gcagtattct cgggctggct gaggaagga aatgaggcca ggcgcggttg ctcaggcctg	300
taatcccagc actttggcag gctgaggcag gtggatgatt tgaggccagg agtttgagat	360
cagcctgacc aacatggcaa acccccgcgt ccactaaaaa tagaaaaaaa tagctgggca	420
tggtggtgca ccctgtagt ctgagctact tgggagacag aagcaggaga attggttgaa	480
cttgggaagg ggaggttgca gtgagctgag atcgcaccac tgcactccat cctgggagac	540
agagcaagac tgtctcaaaa taaataaaata aataaaataa taaagttaaa aaanaaaaaa	600
aaaaactcga gcctctagaa ctatagttag tcgtattacg tagatccaga catgataaga	660
tacattgatg agttcggaca aaccacaaac tagaatgcan tgaaaaaaa tgctntatatt	720
gtgaaatttg tgatgctatn gcttttattt gtaaccatta taagctgcaa ttaaccagtt	780
aaa	783

<210> 3386
 <211> 778
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(778)
 <223> n = A,T,C or G

<400> 3386
 caacgctngc tacnngttct ttttgcagga tcccatcgat tcgaattcgg cacgagcaaa 60
 gaggtacaga gtgaagacag tgtcctcctg tttgttattg catggacgat cacggaaatc 120
 atccgttact cctttttatac attcagtcta ttaaaccatc tgccttacct catcaaatgg 180
 gccaggtaca cactttttcat tgtgtgttac ccaatgggag tgtcaggaga actgtcaca 240
 atatatgcag ctctgccctt tgtcagacaa gctggcctat attccatcag tttaccaaac 300
 aaatacaatt tctcttttga ctactatgca ttcctgattc taataatgat ctctacatt 360
 ccaatttttc cccagttata cttccacatg atacaccaga gaagaaagat cctttctcat 420
 actgaagaac acaagaaatt tgaatagttc ctgctttctg cacctccac caaaacaaac 480
 ttttcaatga tcaaaaaatg ctgcagattt tttgagttcc caatacgttt catagaaaat 540
 aagtaagaac tattttttaa atattcaaac aaaactaaaa caaaaatcca gtgtcacatg 600
 ggcctgagat tttatttttag aaaaagggtg ttacataaaa caccctggcc agttcatttc 660
 agcatgctct ttcaaccaga agttcttaat atttatgatg gcactagaaa gggatttggc 720
 attttatgtc cttctgtgtc cttcatgtat ctgatcaatg aagacctgta ccactaan 778

<210> 3387
 <211> 776
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(776)
 <223> n = A,T,C or G

<400> 3387
 catanagntc ttgccttttt gnaggacnct cgattcgaat tcggcacgag ccccatctt 60
 cactggttat tccacttatt taaaatgtcc agaataagca aatctccata tagaggaagt 120
 agattagtgg ttgcttcggg atgggaggaa tgggaagatt gaggtctttc ttttgcagtg 180
 ataaaaatgt cctaaaattg actgtagcga tggtcacaca actctgaata tgcttaagac 240
 cattgaatta cacactttac gttggtgaat tgtatggatg taaattatag ttcaataaca 300
 tagttacaaa agataatcaa aagcatgaaa gcactgttga tgtggnttgg atctgtgtcc 360
 tcaccgagtc tnatgttgaa atgtaagccc cctgggtggga ggcgatggga ttatggggca 420
 gantcctcac aaacgggtta gccacccgc tcaggctgtt ctctgatat tgagtcctca 480
 tcacatctgg ttgcttcaaa gtgtgtggng ccttcctct atctcctact gctctggcca 540
 tataagangt gcctgcttct ccttcgcctt ntacatgatt gtaaagtttc ctgagcctcc 600
 tagaacnaaa gctgctgngc tttctgtcca tctacangan cgtgagccca attaaacctc 660
 tttttttttt ttngagggnn nttntntnc nntccnnca ntttnanann cctngnannng 720
 gtttnnaaaa anaananngn naannnnnnn nccccngc ccttttataa taaaaa 776

<210> 3388
 <211> 780
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(780)
 <223> n = A,T,C or G

<400> 3388
 tatacataca gctacttggt ctttttgcag gatcccatcg attcgaattc ggcacgaggt 60
 gccatcttgc tatgtttccc aggttggtt tgaactccca gcctcaagca atcctccctt 120
 tccgcctcag cctcccaagt ggctggggtt atgggcctga gccactacac agctaagagt 180
 gtcttgtatg tgctaattgag atggctggtg tctgagagcc cctagagagc ttcaagatgg 240

gggctagtct	ttagaaagtc	caagcaatgg	ctaggtatgg	tggccactgc	ctgtaatccc	300
aggagtttgg	gaggccaagg	tggacagatc	acctaggagt	ttgagaccag	cctggccaac	360
atggcgaaac	actgtctcta	ctaaaaagac	aaaaattagc	aagacaaaaa	ttagctgggc	420
ttggtggtga	gttcctgtag	tcccagctac	ttgggaggct	gaggcaggag	aatcacttga	480
acctgggagg	cagaggtttc	agttagctga	gatcatgcc	ctgcacacca	gccgcctggg	540
tgacagagca	agactccatc	taaaaaaca	aaaaagtc	gattagagg	ttggaacttt	600
cagcctttcg	gcctctgctt	cttgtcccca	cctntgggca	naagggaagg	gctagagatt	660
gaattatncc	aatggccaat	gatttattta	atcaatatga	aaccttcata	aaatccccta	720
agtgataaag	ttcanagagc	tttcaagttg	gtaaagcttt	tctangtgct	tgggaagggn	780

<210> 3389

<211> 815

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(815)

<223> n = A,T,C or G

<400> 3389

gnncnnttnt	atacatcagc	tcttgtcttt	gcggctccctc	gttcgattcg	gcacgagtaa	60
gaatccccac	ccccatcaat	tttcaggaat	gggatgggtct	agtaaggata	accttttgta	120
ggaaaaacaa	gacactctct	gctgcattta	aatcaagtgc	agtgaacaa	ctcttgga	180
aaaactacag	aattcactgt	tcagtcata	atattataat	accagaagat	ttcagcatag	240
cagataaaat	acagcaaata	ctaaccagca	cagggttttag	tgacaacggg	cccggtccat	300
ggacatagat	gacttcatca	gattgctaca	tggattcaac	gcagaaggta	ttcatttttc	360
ctaggtat	ggaaaacaga	aattttcaag	gtcaagaaaa	gaaatgaatt	ttgtattttt	420
tgtatttgag	aagataatgc	ttttgcttta	ctgagacatt	atttacttga	ctatttttgg	480
ttcaatacta	ctactggtgt	caccatttat	gattctgaat	ttaaagttgg	gaaaggtcta	540
agtatcaaag	tttttaatat	ataatgctgg	tccaatctat	tcataataat	cttcaaggct	600
agggagcccg	cagagacc	ccaacttttn	cacttatcat	ttctaacagg	ttattggata	660
aagaangtan	ctcttctatt	taccgggnat	atacctggna	aggccttntt	tnnggncctt	720
tagctctggg	tcctccnggt	aattaaaaaa	ggttaaaaat	atggaaaaaa	aaaaaaaaaa	780
aaaaaactcc	gnnggcctnt	agaacttttt	ggggg			815

<210> 3390

<211> 857

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(857)

<223> n = A,T,C or G

<400> 3390

tcaacngctt	ggctancgtt	ctctttgcag	gatcccatcg	attcggtct	canacaannn	60
aagtatncta	cccatccaca	ggcagcagac	aaggaggtac	cttctgtgac	tgntcggcaa	120
ggtcagaggc	atnagggag	gtaaantact	gnaactatat	tnntaaaaat	aaaagtattc	180
cctttatgag	tgtgaattac	gaatcaatgc	cccttctcac	tactttttgt	gaaaaaaatt	240
accactnctg	cancaagtct	atgcctgggt	aaccaccaac	ccnccaaanc	cnagaagaag	300
nccccctttt	ccggcntntg	gaaggctgga	gnanccattng	natntnggcc	aacnggnccn	360
taaantggng	aantnacc	ctttcctttt	acaancgggt	ggcntcntna	naccancaca	420
aattntntgg	caccgggtn	ctctnnacag	gnaaccctgn	naancaaana	aacctnggng	480
tctgcaactn	ngnggccan	ntnctncggc	ttgntntaaa	atgactntgn	cntncccttt	540
ttaaaattca	caaatntttt	anccnctaca	tanacatatg	aagtgagnaa	ccncanann	600
gaanattnan	aaaacntccc	agccnctttt	taactactan	tngagnnctn	tttaatnntc	660
tnatccccnn	aannttggtg	atggangccc	attcggtttn	cacctttttg	ganganaatc	720
cnccccacct	tcctnaataa	tctnntcnga	ataaaaaaaa	cncacctcat	attattcnnn	780
caanaaantn	tttnnnanna	cnccanggn	gggtccntt	tttngcccn	cnccttttna	840

<210> 3391

<211> 857

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(857)

<223> n = A,T,C or G

<400> 3391

tcaacngctt	ggctancgtt	ctctttgcag	gatcccatcg	attcgcgtct	canacaannn	60
aagtatncta	cccatccaca	ggcagcagac	aaggaagtac	cttctgtgac	tgntctggcaa	120
ggtcagaggc	atnagggaag	gtaaantact	gnaactatat	tnntaaaaat	aaaagtattc	180
ccctttatgag	tgtgaattac	gaatcaatgc	cccttctcac	tactttttgt	gaaaaaaatt	240
accactnctg	cancaagtct	atgcctgggt	aaccaccaac	ccnccaaanc	cnagaagaag	300
nccccctttt	ccggcntntg	gaaggctgga	gnancattng	natntnggcc	aacnggnccn	360
taaantggng	aantnaccca	ctttcctttt	acaancggtt	ggcntcntna	naccancaça	420
aattntntgg	cacccgggtn	ctctnnacag	gnaaccctgn	naancaaana	aacntggng	480
tctgcactcn	ngnggcccan	ntnctnccgc	ttgntntaaa	atgactntgn	cntncccttt	540
ttaaaattca	caaanttttt	anccnctaca	tanacatatg	aagtgagnaa	ccnccanann	600
gaanattnan	aaaacntccc	agccnctttt	taactactan	tngagnnctn	tttaatnntc	660
tnatccccnn	aannttggtg	atggangccc	attcgttttn	cacctttttg	ganganaatc	720
ccnccacact	tcctnaataa	tctnntcnga	ataaaaaaaa	cnccectcat	attattcnnn	780
caanaaantn	tttnnnanna	cnccanggn	gggctccttt	tttngcccn	cncttttnna	840
nncacntcn	ntanaaa					857

<210> 3392

<211> 956

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(956)

<223> n = A,T,C or G

<400> 3392

ccctcancgn	ncnnaacann	ntcnannnc	tcnnatctta	nccttcnnna	tcnantantc	60
ncganannnn	tnccctcccn	atnntaccna	nttancttac	cncctcnna	acnnctannt	120
tnaantnntt	ngnnccccng	tnntantntt	ttctaacnct	ggggaatcgc	ntctnngnag	180
ganccntcga	ntcgaaaatg	ccttcattnn	cctttttact	ttatcatgag	acataagatt	240
tattggcttc	atatcaaccc	ttaagtattg	ttaactttat	gtaatagcat	ttgggttggg	300
gattggtgtg	ttttcggttg	tacatagcat	agttgaatta	tgtaggcat	aattatgacc	360
ttattattgt	ctttatttga	aaattatata	tgatctcagg	aatgtgtat	gagttcaagt	420
tgacaaggag	tggatnnggg	atggttgata	ctgagtgtca	acttgattgg	attgaagcat	480
gcagagtaat	aatcctgggt	tgtgtcctgn	gagcnatgtn	tcccaaanga	gaataacatt	540
tgagtcangn	gggctgggga	aaggcanacc	cacccttaa	ctgggtgaac	accctntaat	600
caaactgtct	gctntggcca	gnatataaaa	gcangccnga	aaacntgaaa	aggctagaca	660
ggccttttagc	cctctcagcc	ctacatcttt	ctcccgctgt	tggatgnntc	ctgnccctcaa	720
acnccanact	tcaagtntct	cancttttgg	gacttgaacc	tggctctcct	tgntcntnaa	780
ntttgnatca	cnggcttatc	tgngnggnac	cttancngtt	nagttcnaat	acctccnnaa	840
ttaaacncnc	ttttctntac	ananactccc	nctnaattcg	naccctnta	naantnatag	900
tgancccnca	aacctnnatc	cnnnncttga	tanngancca	ttgnacnnnt	tnnnnc	956

<210> 3393

<211> 703

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(703)
 <223> n = A,T,C or G

<400> 3393
 caatgctggn ctaatgctgg ctctngttct ttcgcaggat ccctcgattc gaattcggca 60
 cgaggagcaa aataggatta tattaaagaa gcaaaagaat gtcctaaaaa ttctccctgg 120
 gattaagtaa cacagtgatt gatattagtg gagtagaggg aaagatccat gttagagata 180
 gcttaagata gggattagat gaattgaggg caatgactaa agatactgct tgcaagaaaa 240
 ctggctgaga atgagaggaa aatcttagtt gcttggcggg aggggggttg tggttgtgaa 300
 agatagtttt gtttaatctt agtcttaaat ttaaaaccaa gcagcaagga tctagctgag 360
 agaataattg aatacattaa tataggagga cagacaaaga tcctgaaaag gctgggagaa 420
 gagcatccaa agcacagggt gagagacaaa aagggttaggg ctgctggcag ctgtggagag 480
 aactgtacgt ggttaagggg agatataaga tgcctgcat aagtattttc cctgtagatt 540
 gcaaagtcac ctatggagag gaaagggtcca aaatagtcac tggggagagc aggtgaatta 600
 gatggccaag cagggtggat ggatcatttg aggtttgggg tgacagatca actgagatcc 660
 acttacactt ctgaaaacca agacacttta gaaattaaca ccg 703

<210> 3394
 <211> 706
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(706)
 <223> n = A,T,C or G

<400> 3394
 atgntggnet aatgcttggc tactngttct tttngcagga tcccatcgat tcgcagcgga 60
 tggccgaaaa tctaggcttc gttgggcctt tgaaaagcca ggctgcagat caaattacga 120
 agctgtataa tctcttcctg aaaattgatg ctactcaggt ggaagtgaat ccctttggtg 180
 aaactccaga aggacaagtt gtctgttttg atgccaaagt aaactttgat gacaacgcag 240
 aattccgaca aaaagacata tttgctatgg acgacaaatc agagaatgag cccattgaaa 300
 atgaagctgc caaatatgat ctaaaataca taggactaga tgggaacatt gcctgctttg 360
 tgaatggtgc tgggctcgcc atggctactt gtgatatcat ttctcttaat ggtgggaagc 420
 cagccaactt cttggatctt ggaggtggtg taaaggaagc tcaagtatat caagcattca 480
 aattgctcac agctgacct aaggttgaag ccatccttgt caatatattt ggtggtatcg 540
 tcaactgtgc catcattgcc aatgggatca ccaaagcctg ccgggagcta gaactcaagg 600
 tgccctggt ggtccggctt gaaggaaaca acgtccaaga ggcccagaag atactcaaca 660
 acagcggact cccattact tcagccattg acctggagga tgcacg 706

<210> 3395
 <211> 699
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(699)
 <223> n = A,T,C or G

<400> 3395
 gnnnctaatt ctggctattg ttctttttgc aggatcccat cgattcgaat tcggcacgag 60
 gccagctac gatctatatg ctgtcatcaa ccactatgga ggcattgatt gtggccacta 120
 cactgcctgt gcacgcctgc ccaatgatcg tagcagtcag cgcagtgcag tgggctggcg 180
 cttgtttgat gacagcacag tgacaacggg agacgagagc caggttgtga cgcgttatgc 240
 ctatgtactc ttctaccgcc ggcggaactc tcctgtggag agggccccca gggcaggtca 300
 ctctgagcac caccagacc taggccctgc agctgaggct gctgccagcc agggactagg 360

ccttgccag	gcccccgagg	tggcccccac	gcggacagcc	cctgaacgct	tcgccccccc	420
tgtggatcgg	ccagcccca	cctacagcaa	catggaggag	gtggattagc	aggtccctgg	480
ctgatggggg	ggactgggtt	tgggacaccc	acacagaggg	ccagctcctt	gccgcttctc	540
cttctctaac	ccagaggaca	ctggctctgt	cagtgggaag	ctgaggggta	tgatttgggt	600
gtggagacct	ctcaggttgg	gactcttgtt	cagcttggac	ccctgaccag	tgggctttgg	660
cttctccagc	cgccttcagt	gctgcgtgat	ttgattctg			699

```
<220>
<221> misc_feature
<222> (1)...(1104)
<223> n = A,T,C or G
```

```
<210> 3397
<211> 811
<212> DNA
<213> Homo sapiens
```

<400>	3397						
tttntnnntn	tnaatccctt	ngctaccncc	ntttgatnga	catacancta	cttgttcttt		60
ttgcagggat	cccatcgatt	cgaattcggc	acgaggaatc	accctcggct	gggaagtcag		120
ttcgnnctct	cctctcctct	cttnttgntn	gaacatggtg	cggactaaag	cagacagtgt		180
tcagggcact	tacagaaaag	tggtggctgc	tcnagcccc	agaaaggtgc	ttggttcttc		240
cacctctgcc	actaattcna	catcagtttc	atcgaggaaa	gctgaaaata	aatatgcnnng		300
aggaaccccc	tttgcgtagc	cccaactccc	aagtggcaaa	aaggaattgg	agaattcttt		360
aggttgctcc	ctaaagattc	tgaaaaagag	aatcatattc	ctgaanaggc	acgangcagn		420
ggcttaagaa	aancaaagag	aaaagcatgt	cctttgcaac	ctgatcacac	aaatgatgaa		480
aaagaataca	actttctcat	tcatntntgn	ataacgnctc	ctgttttacc	ctggtattct		540
agaaatgtaaa	tttacataaa	tgtgtttggt	ccaattagct	ttgttgaaac	agcatttaat		600
tnaaaaantt	acgtttaaat	ttagatgttc	aaaaggagnt	gngaattttg	agaatnngta		660
agactaatta	tggnaaactta	gcttagtatt	caatataatg	cattgggtggg	gtttctttta		720

```

cccaaattaa ggggtctagt tctttgttaa aatcaagnca tttgcatttg tggttctaaa 780
tacaagtatt gttgcntttg agaattgctt a 811

```

```

<210> 3398
<211> 749
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(749)
<223> n = A,T,C or G

```

```

<400> 3398
nntnnnnntn tgaaancctt nggctacttg ttctttttgc aggatcccat cgattcgaat 60
tcggcacgag attctctcaa taatggccag ccgaaaagta cgcgctgcca ggcattctgcc 120
tccgcggagt cattaaactc ccacagtggc caccacctg ctgatgtaca gactttccag 180
gcaaagcgcc atattcatca acaccgtcag tcttactgta attataacac tggagggtcag 240
ttagagggca atgcagccac ttcctatcag aagcagactg acaaaccag ccactgtagc 300
cagtttgtga cacctccgcg gatgaggaga cagttctcag cacccaatct caaagctggt 360
cgagaaaccc agtataaatc agttctggac aaacttgaaa tcatgggtgga agaaacagac 420
agtgttagct catgatttga tttggttcta cctttggcct tgagttctta ttatttacat 480
tataaatatt aactggtttt atattgntaa gacaaaacac tggtaaaagt ttcaaacact 540
cccttttgct tgtataccat aaatgggcag nttctgaaat tttggataaa gcatcaagaa 600
ctcctttttc tgaaacgttc ctnccttttt agtgcctaataaataactt acttaccnng 660
gannnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn aaaaactcgg cctttaaaat 720
ataggggggn gnnttacnna aatccaann 749

```

```

<210> 3399
<211> 810
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(810)
<223> n = A,T,C or G

```

```

<400> 3399
canctcttgt ctttttgccg accctcgctt gaattcggcc gagtaagaat cccccccca 60
tcaattttca ggaatgggat ggtctagtaa ggataacctt tgttaggaaa aacaagacac 120
tctctgctgc atttaaatca agtgcagtgc aacaactctt ggaaaaaac tacagaattc 180
actgttcagt ccataatatt ataataccag aagatttcag catagcagat aaaatacagc 240
aaatcctaac cagcacaggt tttagtgaca acgggcccg tccatggaca tagatgactt 300
catcagattg ctacatggat tcaacgcaga aggtattcat ttttcctagg tatttggaag 360
acagaaattt tcaaggtcaa gaaaagaaat gaattttgta ttttttgat ttgagaagat 420
aatgcttttg ctttactgag acattattta cttgactatt tttggtcaat actactactg 480
ntgncaccat ttatgattct gaatttaaag gtggaaagg ctaagtatca aagggtttta 540
tatataatgc tggnccaatc tattcataat aatcttcaag gtcaggagcc cgcagagacn 600
cncaactttc cacttatcat ttctaacagt ttattgnata aaggatggta cctctttcta 660
ttttaccnng naatatacct ggaaagggcc ttcttttang gnccttttaa cctctggggt 720
cctcccgggt naattaaaaa aaggtttaaa attnttgaaa aaaaaaaaaa aaaaaaaaaa 780
cctcgggggg ccttttaaaa actttttggg 810

```

```

<210> 3400
<211> 780
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature

```

<222> (1)...(780)
 <223> n = A,T,C or G

```
<400> 3400
gnnttnannc cnttttnatn cncntncagc tcttggttctt tntgcaggat ccctcgattc      60
ganttcggca cgaggtgagg ctctcttaan aaatttataa atactgnnga acaaagggag      120
gagtttgtct taatctggag tggaggaaac ttctgngtca ccnaacacag aaaccatcaa      180
agaaaatctt tcactttcna aattagtcta tacaaaaaaa aangaaaatc ttaccccaaa      240
tnanagactg aggcatgagc ttcaatcaat cgangtttac tggccnnagt tngagcntgc      300
ccagnaaagc aacacaagtc aaagaaacgt ctgtggcctg tgctctccca aaaagttttc      360
aggaggctca anatttgtac atttctttaa anggganaag acagtgaggc anatgggtat      420
gtttttgtga gactcttant tagtgtcccn tgaatctaaa ctntntggaa natagggatga      480
acactgnaag ancagggagt gacataanaa ccaattatgc nacacgtctc atgttacgtg      540
gaggaatgan gntctcatct tatccttggt ctgcccctgn gcagataaac ttgttattga      600
cattgtcagt ntgaaattta acagactttt gttttangag ttaagtttan ggtgcacacc      660
taanatgcac ttggcatgtn ctttgtttnt tggaggatat ncatnctgaa ggtttagggg      720
ctgccaaana atttactgct gaccanttgg gattgcagtc cctggagatt catgaggctt      780
```

<210> 3401
 <211> 780
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(780)
 <223> n = A,T,C or G

```
<400> 3401
gnnttnannc cnttttnatn cncntncagc tcttggttctt tntgcaggat ccctcgattc      60
ganttcggca cgaggtgagg ctctcttaan aaatttataa atactgnnga acaaagggag      120
gagtttgtct taatctggag tggaggaaac ttctgngtca ccnaacacag aaaccatcaa      180
agaaaatctt tcactttcna aattagtcta tacaaaaaaa aangaaaatc ttaccccaaa      240
tnanagactg aggcatgagc ttcaatcaat cgangtttac tggccnnagt tngagcntgc      300
ccagnaaagc aacacaagtc aaagaaacgt ctgtggcctg tgctctccca aaaagttttc      360
aggaggctca anatttgtac atttctttaa anggganaag acagtgaggc anatgggtat      420
gtttttgtga gactcttant tagtgtcccn tgaatctaaa ctntntggaa natagggatga      480
acactgnaag ancagggagt gacataanaa ccaattatgc nacacgtctc atgttacgtg      540
gaggaatgan gntctcatct tatccttggt ctgcccctgn gcagataaac ttgttattga      600
cattgtcagt ntgaaattta acagactttt gttttangag ttaagtttan ggtgcacacc      660
taanatgcac ttggcatgtn ctttgtttnt tggaggatat ncatnctgaa ggtttagggg      720
ctgccaaana atttactgct gaccanttgg gattgcagtc cctggagatt catgaggctt      780
```

<210> 3402
 <211> 789
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(789)
 <223> n = A,T,C or G

```
<400> 3402
gnnttnnnnc nnttttaatn tacatacanc tacttggtctt ttttgcaggg atcccatcga      60
ttcgaattcg gcacgaggga acccccacca ttaagctaaa gtaaaaccct tttgagggaa      120
gagggagact ggggagaagg gaaaagagag aaggcaggga gagtagggag agaaaacctt      180
ccagcagccc agtaaaactgc gggcgaagag atctacccgt ctccctccct cccacagtta      240
ccattggcct tgcatcgca agcatttgac aaagacttgc ttgtttgggc ctgtcacctc      300
ctgaaaggct gcttttagctg tggatgcctt tgattaaggg agagagcgcc taggagctgc      360
ctgccccanc tggggtgacg gctgtagggc tgggtctatg ttgcaagccc tatatcctan      420
```

catgcagtgg	aaagtgccta	gctctctccc	tcctgacctc	tgggcagcca	gtcatcaaag	480
cagagagacg	tggcgcatg	tgggcagcat	gcccgagttc	cttgctgact	cagcacttat	540
ttctgtagt	ttaaaaaaga	atttaaatgt	tttggttgta	tttttttggg	ggggtgaggg	600
tgggcaaaaa	catgggggta	gttctgagtt	gttagaaatg	tttctgaatc	aagtttgttt	660
gaaaacacgt	tgtgcctttg	tacccattat	aagatgggtc	taanacccaa	gaactgataa	720
gctttgggtt	ttttttgggt	tggtttggtt	ttttgcttca	ttttacccat	tcatgcctag	780
ggtttccat						789

<210> 3403
 <211> 778
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(778)
 <223> n = A,T,C or G

<400> 3403						
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cgaattcggc	acgaggggaa	ccccaccatt	aagctaaagt	aaaacccttt	tgagggaaga	120
gggagactgg	ggagaaggga	aaagagagaa	ggcagggaga	gtagggagag	aaaaccttcc	180
agcagcccag	taaactgcgg	gcgaagagat	ctacccgtct	ccctccctcc	cacagttacc	240
attggccttg	tcatecgcaag	catttgacaa	agacttgctt	gcttgggcct	gtcacctcct	300
gaaaggctgc	tttagctgtg	gatgcccttg	attaaggag	agagcgcccta	ggagctgcct	360
gccccagctg	gggtgacggc	tgtagggctg	ggctatgtt	gcaagcccta	tatcctagca	420
tgcagtggaa	agtgccttagc	tctctccctc	ctgacctctg	ggcagccagt	catcaaagca	480
gagagacgtg	gcggcatgtg	ggcagcatgc	ccagggtcct	tgctgactca	gcacttattt	540
ctgtagtttt	aaaaaagaat	ttaatgtttt	tggttgtatt	tttttggggg	ggtgaggggtg	600
ggcaaaaaca	tgggggtagt	tctgagtttg	ttagaaatgt	ttctgaatca	agtttgtttg	660
aaacacgtgt	gcctttgtac	ccattataag	atggtcataa	gacccaagac	tgataagctt	720
tggttttttt	tgtttggttt	ggttttgctt	catttaccca	ttcatgccta	gggttccn	778

<210> 3404
 <211> 779
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(779)
 <223> n = A,T,C or G

<400> 3404						
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agcgagtgtc	tcaagcgcat	cggggacgaa	ctggacagta	acatggagct	gcagaggatg	120
attgccgccg	tggacacaga	ctccccccga	gaggtctttt	tccgagtggc	agctgacatg	180
ttttctgacg	gcaacttcaa	ctggggcccg	gttgctgccc	ttttctactt	tgccagcaaa	240
ctggtgctca	aggccctgtg	caccaagggtg	ccggaactga	tcagaaccat	catgggctgg	300
acattggact	tcctccggga	gcggctgttg	ggctggatcc	aagaccaggg	tggttgggac	360
ggcctcctct	cctacttttg	gacgcccacg	tggcagaccg	tgaccatctt	tgtggcggga	420
gtgctcaccg	cctcactcac	catctggaag	aagatgggct	gaggccccca	gctgccttgg	480
actgtgtttt	tcctccataa	attatggcat	ttttctggga	ggggtgggga	ttgggggaca	540
tgggcatttt	ttttactttt	gtaattattg	gggggtgtgg	ggaagagtgg	tcttgagggg	600
gtaataaacc	ttcttcggga	cacaaaanaa	aaaaaaaaaa	aactcgagcc	tntagaacta	660
tagtgagtcc	gtattacgta	gatccagaca	ttgataaaga	tacattgatg	agtttgagca	720
aaccacaact	tgaatgcant	ngaaaaaat	gctttaattt	gggaaatttg	gngaagcnn	779

<210> 3405
 <211> 803
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(803)

<223> n = A,T,C or G

<400> 3405

nnnnnnnnntt	taaatnccat	tnntttctnn	nnnttttnat	ntanatacan	ctacttggtc	60
tttttgcagg	atcccatcga	ttcgaattcg	gcagaagatt	aaaccgggtt	ctgtgggcac	120
ctctgtcctt	gctgctggtg	gggaaggga	gccagatcca	gcacccctg	gggggccatc	180
gggagtgtgg	ctgggggtga	agggggctct	gtggcaatat	ggggttgggt	agtgtgggtg	240
gcaggccatc	ccctctaata	ttggaacctc	tgaatatggg	acctcccaca	gcaaagggtg	300
actttgtcat	taanaaagac	tgggggtgggt	gtgggtggctc	acgcctgtaa	ccccagcact	360
ttgggaggcc	aaggtgggca	gatcacgagg	tcaagagatc	ganaccatcc	tgncgaacat	420
ggtgaaaccc	catctctact	aaaaatacaa	aaaatttagcc	gggtgtgggt	gtgggcacct	480
gtcgtncac	tctaaggagg	ctgangcacg	anaatggtgt	gaacccatga	ggcacañctt	540
gcantgagcg	aanatcgac	cactgnacgc	actncaacct	gggtgacaga	gcgagactcc	600
gtctcaaaaa	aaaaaaaaatt	tcaagactgg	agaggtnatc	ctgaattgtc	cagctacncc	660
ccatgtnatc	acagggcctt	catgacaggg	ncagagccac	canccttgaa	ganncngtcc	720
tnccccnaa	cangcagnct	gganaaactt	ggncangaca	agtaggacat	tcctggagcc	780
tccanaangg	actgggcttt	tnc				803

<210> 3406

<211> 773

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(773)

<223> n = A,T,C or G

<400> 3406

caangctggc	tatcgttctc	tttgcaggat	cccatcgatt	cgaattcggc	acgagcctga	60
ggtcacatgt	ggatttggcc	agagccttca	ggagggtggag	gccggtgagg	tcaggagccc	120
agctctccag	ggggcttctg	ccctgactgg	gaagggtgcc	tggctcccta	aaacaatgtc	180
aaagccagtc	ctgctgttct	ctgttgccag	ggggcaggtc	tgggcctggg	ccaaccacgt	240
ttgttatcat	ggctgctgcc	ttctggacag	ctgccagctc	tgcttgaga	ggttggtgga	300
cctctggatc	cagctgacct	gacaggatcat	ctactcaggg	aggagccctg	tgctcccagc	360
tcagaggaca	gtctgggcca	gaactggaag	gagacatctg	tcccgctctt	gagtgacaag	420
cccgggacaa	cagccagtgg	gcatacggc	tctccagcac	tccttagccg	gaggatacag	480
agtgatgggt	gcatcctgac	caatgcgaca	accaacacgt	gctctcacia	accctgact	540
cccgcacttt	ccagtgccaa	agtcaaacgc	tgcttgagata	aggagagcaa	agcttctgga	600
actttattta	ctctntcttt	ttaattntct	tttaagagac	tgggtcttgc	tatgttgccc	660
aggctggtct	tgaactcctg	gcctcaagtg	atcctccagt	ttccatctcc	ctaagactgg	720
gattacaggt	gtgagcccgc	tgtacccgaa	ctttttttgg	tttttgcttc	ncg	773

<210> 3407

<211> 808

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(808)

<223> n = A,T,C or G

<400> 3407

gnnnnnnnnt	ttatttacat	tcagntatng	nnnttttgnt	ntaaatacan	ctcttggtct	60
ttttgcaggg	acccatcgat	tcgaattcgg	cacgagggct	ctccctgagt	gtcgaggagg	120

acatgagtga	aatgaccagc	gaactcattt	tttataggac	tcggtgaagc	cggattctgc	180
atttccttac	ttgtagactc	attttgtgga	atagagttga	tcgctgtctc	ctccgcaaag	240
cattttaact	cgaataagca	aatgccgcct	ctgtttgaac	gttttggat	ttacaagaga	300
gaatcatttt	acctaagaga	actaattgaa	ttggcagcat	ccttgaaata	cctccggaca	360
aggatctggg	ggtgggggtg	gaaaagcaac	tgcgaaatag	cagacggaga	aattcctttg	420
gaagttattc	cgtagcataa	gagctgaaac	ttcagagcaa	gttttcattg	ggcaaaatgg	480
gggaacaacc	tatcttcagc	actcgagctc	atgtcttcca	aattgaccca	aacacaaaga	540
agaaactggg	acccaccagc	aagcatgcag	ttactgtgtc	ttatttctat	gacagcaca	600
gaaatgtgta	taggataatc	agtttagatg	gctcaaaggc	aataataaat	agtaccatca	660
ccccaaacat	gacattttact	aaaacatctc	anaagttttg	gccagtgggc	tgatagcccg	720
ggcnaacacc	cgtttatgga	ttgggattct	tctctgagca	tcattctttc	aaanttgcag	780
aaaagtttca	gggaatttaa	agaagctg				808

<210> 3408

<211> 803

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(803)

<223> n = A,T,C or G

<400> 3408

tnnnnttta	tttcttctgt	tctngntttt	attacatcag	ctcttttctt	tttgcggtcc	60
ctcgttcgca	attcagagac	acacataaga	aactggaaga	agagaaaggc	aaaaaggaaa	120
aagaaagaca	ggaaattgag	aaagaacgga	gagaaagaga	gagggagcgt	gaaagggaac	180
gagaaaggcg	agaacgggaa	cgagaaaggg	aaagagaacg	tgaacgagaa	aaggagaaag	240
aacgggagcg	ggaacgagaa	cgggataggg	accgtgaccg	gacaaaagaa	gagaccgaga	300
tcgggatcga	gagagagatc	gtgaccggga	tagagaaagg	agctcagatc	gtaataagga	360
tcgcagtcga	tcaagagaaa	aaagcagaga	tcgtgaaagg	gaacgagagc	gggaaagaga	420
gagagagaga	gaaccgagag	cgagaacgag	aacgggagcc	gagagagaga	gcgagagagg	480
gaaccgggag	cgagaaagag	aaaaagacaa	aaaacgggac	ccgagaagaa	gatgaagaag	540
atgcatacga	accgaaaaaa	aaaaaaaaaa	aactcgagcc	tnttaactat	agtgagtcgt	600
attacgtaga	tccagacatg	ataagataca	ttgntgagtt	tggacaaccc	ccacttgaat	660
gcagtgaaaa	aaatgctttn	tttgtgaaat	tttngnatgc	tnttgctttt	tttgtaacca	720
tttttagctt	gcaataaaca	agtttnccac	caaccanttg	cnttcatttt	nttntttcan	780
gttcaagggg	aagtttttgg	aag				803

<210> 3409

<211> 823

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(823)

<223> n = A,T,C or G

<400> 3409

tttatataca	tcagttcttg	ccnttttgnt	ngactanagc	tcttgntctt	atgcaggacc	60
ctcgattcga	nttctgnncg	agtcctctctn	tctctctctg	tgtctctcgg	aactggttcc	120
ctgggctgac	cggagccggg	agaacaacct	ggcctcaggg	agagagacgc	taccgggctt	180
acgccacccc	ctctnctcaa	cacaagccca	aactgctacc	cgcgaggtgc	aagtaagcgg	240
cacctcagaa	gtgtctgcgg	gccctgaccg	ggcgcaggtg	gtggtgcagt	gagcagcacc	300
aaggaggcgg	cagccgagcc	aaaaagagcg	tttgtcggcg	tctagattac	atcacgcaga	360
gcctccagca	ncagggcggtg	cangcagaaa	atataactgt	gacaaaggat	tttaggagag	420
tggaaaaatgc	ttatcacatg	gaagcagagg	tctgcattac	atttacttga	atttggaaaa	480
atgcaaaata	tttgtaactt	tntttgttga	aaagctaaga	tagctnttgt	tgtcatcagc	540
ccaccccgat	tcttatcata	ctccagggtt	ctggttgana	atcttcgacg	gcaagcctgt	600
cttggtgctg	ttgagaatgc	gttggcgcaa	actcaaagaa	gtcttgtnaa	ccttggtggg	660

ccaaacctta	ngaaaacctt	ttacttaatt	cnaaggaaga	agnaaacaca	aggaattggg	720
gaagggccaa	atagatgatt	naccnagttc	nttccagact	tcttcaagtt	,caattaactt	780
gtncnaccaa	aaaaatcaaa	agtggcaacn	aatncattgc	ttn		823

<210> 3410
 <211> 795
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(795)
 <223> n = A,T,C or G

<400> 3410	
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tcgattcgat	ttgactaaat
atgaaatcct	aagctcttga
tcttttctca	tcagtagaat
taggagagaa	tgtttcttag
atcaatcaca	atgtccatct
accgtgctgg	gcgcggtggc
cagatcacct	gagatcgagg
ctactaagaa	tacaaaatta
gagggccgag	caggagaatt
gcgccattgc	actccaacct
aaaaaaaaac	tcgagcctnt
ataagataca	ttgatgaagt
tttatttgtg	naaat
	60
tcgattcgat	ttgactaaat
atgaaatcct	aagctcttga
tcttttctca	tcagtagaat
taggagagaa	tgtttcttag
atcaatcaca	atgtccatct
accgtgctgg	gcgcggtggc
cagatcacct	gagatcgagg
ctactaagaa	tacaaaatta
gagggccgag	caggagaatt
gcgccattgc	actccaacct
aaaaaaaaac	tcgagcctnt
ataagataca	ttgatgaagt
tttatttgtg	naaat
	120
catncngttt	cnagccnttt
tcgattcgat	ttgactaaat
atgaaatcct	aagctcttga
tcttttctca	tcagtagaat
taggagagaa	tgtttcttag
atcaatcaca	atgtccatct
accgtgctgg	gcgcggtggc
cagatcacct	gagatcgagg
ctactaagaa	tacaaaatta
gagggccgag	caggagaatt
gcgccattgc	actccaacct
aaaaaaaaac	tcgagcctnt
ataagataca	ttgatgaagt
tttatttgtg	naaat
	240
catncngttt	cnagccnttt
tcgattcgat	ttgactaaat
atgaaatcct	aagctcttga
tcttttctca	tcagtagaat
taggagagaa	tgtttcttag
atcaatcaca	atgtccatct
accgtgctgg	gcgcggtggc
cagatcacct	gagatcgagg
ctactaagaa	tacaaaatta
gagggccgag	caggagaatt
gcgccattgc	actccaacct
aaaaaaaaac	tcgagcctnt
ataagataca	ttgatgaagt
tttatttgtg	naaat
	360
catncngttt	cnagccnttt
tcgattcgat	ttgactaaat
atgaaatcct	aagctcttga
tcttttctca	tcagtagaat
taggagagaa	tgtttcttag
atcaatcaca	atgtccatct
accgtgctgg	gcgcggtggc
cagatcacct	gagatcgagg
ctactaagaa	tacaaaatta
gagggccgag	caggagaatt
gcgccattgc	actccaacct
aaaaaaaaac	tcgagcctnt
ataagataca	ttgatgaagt
tttatttgtg	naaat
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tcgattcgat	ttgactaaat
atgaaatcct	aagctcttga
tcttttctca	tcagtagaat
taggagagaa	tgtttcttag
atcaatcaca	atgtccatct
accgtgctgg	gcgcggtggc
cagatcacct	gagatcgagg
ctactaagaa	tacaaaatta
gagggccgag	caggagaatt
gcgccattgc	actccaacct
aaaaaaaaac	tcgagcctnt
ataagataca	ttgatgaagt
tttatttgtg	naaat
	600
catncngttt	cnagccnttt
tcgattcgat	ttgactaaat
atgaaatcct	aagctcttga
tcttttctca	tcagtagaat
taggagagaa	tgtttcttag
atcaatcaca	atgtccatct
accgtgctgg	gcgcggtggc
cagatcacct	gagatcgagg
ctactaagaa	tacaaaatta
gagggccgag	caggagaatt
gcgccattgc	actccaacct
aaaaaaaaac	tcgagcctnt
ataagataca	ttgatgaagt
tttatttgtg	naaat
	720
catncngttt	cnagccnttt
tcgattcgat	ttgactaaat
atgaaatcct	aagctcttga
tcttttctca	tcagtagaat
taggagagaa	tgtttcttag
atcaatcaca	atgtccatct
accgtgctgg	gcgcggtggc
cagatcacct	gagatcgagg
ctactaagaa	tacaaaatta
gagggccgag	caggagaatt
gcgccattgc	actccaacct
aaaaaaaaac	tcgagcctnt
ataagataca	ttgatgaagt
tttatttgtg	naaat
	840
catncngttt	cnagccnttt
tcgattcgat	ttgactaaat
atgaaatcct	aagctcttga
tcttttctca	tcagtagaat
taggagagaa	tgtttcttag
atcaatcaca	atgtccatct
accgtgctgg	gcgcggtggc
cagatcacct	gagatcgagg
ctactaagaa	tacaaaatta
gagggccgag	caggagaatt
gcgccattgc	actccaacct
aaaaaaaaac	tcgagcctnt
ataagataca	ttgatgaagt
tttatttgtg	naaat
	960
catncngttt	cnagccnttt
tcgattcgat	ttgactaaat
atgaaatcct	aagctcttga
tcttttctca	tcagtagaat
taggagagaa	tgtttcttag
atcaatcaca	atgtccatct
accgtgctgg	gcgcggtggc
cagatcacct	gagatcgagg
ctactaagaa	tacaaaatta
gagggccgag	caggagaatt
gcgccattgc	actccaacct
aaaaaaaaac	tcgagcctnt
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tttatttgtg	naaat
	1080

<210> 3411
 <211> 778
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(778)
 <223> n = A,T,C or G

<400> 3411	
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ccctgggtgt	gctgcctgtc
tgccgggtct	gccttgggtg
tggctatggg	gtgggtcactg
caggctggcc	gcgcaccggg
accttgccat	gtccacgctg
aagagaaaga	tttttttttt
atagtctgac	cttctancat
aanctgtcct	gggggctggg
ctncctgact	ggatgttgtg
ccggggccag	gtntgcgcgc
	60
gnnnnnnntt	taaantccat
tcttttttga	ggatcccata
aaaacaaacc	ctaactaact
ccctgggtgt	gctgcctgtc
tgccgggtct	gccttgggtg
tggctatggg	gtgggtcactg
caggctggcc	gcgcaccggg
accttgccat	gtccacgctg
aagagaaaga	tttttttttt
atagtctgac	cttctancat
aanctgtcct	gggggctggg
ctncctgact	ggatgttgtg
ccggggccag	gtntgcgcgc
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gnnnnnnntt	taaantccat
tcttttttga	ggatcccata
aaaacaaacc	ctaactaact
ccctgggtgt	gctgcctgtc
tgccgggtct	gccttgggtg
tggctatggg	gtgggtcactg
caggctggcc	gcgcaccggg
accttgccat	gtccacgctg
aagagaaaga	tttttttttt
atagtctgac	cttctancat
aanctgtcct	gggggctggg
ctncctgact	ggatgttgtg
ccggggccag	gtntgcgcgc
	240
gnnnnnnntt	taaantccat
tcttttttga	ggatcccata
aaaacaaacc	ctaactaact
ccctgggtgt	gctgcctgtc
tgccgggtct	gccttgggtg
tggctatggg	gtgggtcactg
caggctggcc	gcgcaccggg
accttgccat	gtccacgctg
aagagaaaga	tttttttttt
atagtctgac	cttctancat
aanctgtcct	gggggctggg
ctncctgact	ggatgttgtg
ccggggccag	gtntgcgcgc
	360
gnnnnnnntt	taaantccat
tcttttttga	ggatcccata
aaaacaaacc	ctaactaact
ccctgggtgt	gctgcctgtc
tgccgggtct	gccttgggtg
tggctatggg	gtgggtcactg
caggctggcc	gcgcaccggg
accttgccat	gtccacgctg
aagagaaaga	tttttttttt
atagtctgac	cttctancat
aanctgtcct	gggggctggg
ctncctgact	ggatgttgtg
ccggggccag	gtntgcgcgc
	480
gnnnnnnntt	taaantccat
tcttttttga	ggatcccata
aaaacaaacc	ctaactaact
ccctgggtgt	gctgcctgtc
tgccgggtct	gccttgggtg
tggctatggg	gtgggtcactg
caggctggcc	gcgcaccggg
accttgccat	gtccacgctg
aagagaaaga	tttttttttt
atagtctgac	cttctancat
aanctgtcct	gggggctggg
ctncctgact	ggatgttgtg
ccggggccag	gtntgcgcgc
	600
gnnnnnnntt	taaantccat
tcttttttga	ggatcccata
aaaacaaacc	ctaactaact
ccctgggtgt	gctgcctgtc
tgccgggtct	gccttgggtg
tggctatggg	gtgggtcactg
caggctggcc	gcgcaccggg
accttgccat	gtccacgctg
aagagaaaga	tttttttttt
atagtctgac	cttctancat
aanctgtcct	gggggctggg
ctncctgact	ggatgttgtg
ccggggccag	gtntgcgcgc
	720
gnnnnnnntt	taaantccat
tcttttttga	ggatcccata
aaaacaaacc	ctaactaact
ccctgggtgt	gctgcctgtc
tgccgggtct	gccttgggtg
tggctatggg	gtgggtcactg
caggctggcc	gcgcaccggg
accttgccat	gtccacgctg
aagagaaaga	tttttttttt
atagtctgac	cttctancat
aanctgtcct	gggggctggg
ctncctgact	ggatgttgtg
ccggggccag	gtntgcgcgc
	840
gnnnnnnntt	taaantccat
tcttttttga	ggatcccata
aaaacaaacc	ctaactaact
ccctgggtgt	gctgcctgtc
tgccgggtct	gccttgggtg
tggctatggg	gtgggtcactg
caggctggcc	gcgcaccggg
accttgccat	gtccacgctg
aagagaaaga	tttttttttt
atagtctgac	cttctancat
aanctgtcct	gggggctggg
ctncctgact	ggatgttgtg
ccggggccag	gtntgcgcgc
	960

<210> 3412
 <211> 869
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(869)
 <223> n = A,T,C or G

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<400> 3412
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ggacctaggc acacacatat ggtggccaca cccaggaggg tagtgngag ttagatttna      120
gagtcaggc cctaggttg gacccactcc aaataatctc ctcggtgtgg gtggtggttn      180
tatanangga taaatgaata ataaacattn ntaaaatata cgctattcct tgnaggaaat      240
gcctgctgca ccccgcttc cantgaactn ccgaangngg ntatnnggtg gtcantggaa      300
tnacagtcaa tccanangtn anccngcngg gntgcatcaa gctgncctcg cacctgggnt      360
nnncaccctc tggccacac tggtnatgat gccacacctt nccatgttca cncgtgttg      420
aaaaanncct tttnttttcc tcttttaaag agaaaacatt ganaaagatt ttttttttta      480
atgggccgac ccnaaaaggg agatctnccc nccctgtgat atnatantnn tgaccctncc      540
tacnaagang gcgttttttg caaaatnatt nttttntttt tcncgnggtg gtgggggaaa      600
aatttttctt gggggggggc ttngnngccn aactnttaat tttcccat aaggcaannt      660
ttctttgggg gncctttccc nggggcttaa ncnttaaact ttggaatttt tntnggggt      720
ggttngnccn taaattttta nnaaaatggt ngtcnaaccc aaaaaaaat ntnacccccg      780
ggggccnaan antttttncc ccccttgga ngccttttan tttccccac aaactttttt      840
ttttccctt ccaaccnctt ttattcttt      869
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<210> 3413
 <211> 807
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(807)
 <223> n = A,T,C or G

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<400> 3413
nttttattta catanagntc ttgccttttt nnanganata canctacttg ttctttntgc      60
aggancccat cgattcgaat tcggcacgag gccacnanca ggtggggggc aggacgccnn      120
ggnnctgacc gcctccacta gagggnggtg gccgcgggcc gacctggacc ttnannccnt      180
gtccngacct nccggtgggt ggggtgcgcn gggagccngc nacattcctt nttcttganc      240
agccaaanat tggagtnca ttcnncnang nacntttnt tttttnngat cangagtgtg      300
tncaacgtac nccctgcct mngnaagccc tgantcctn atggagcctc nnagagtggg      360
gagcatattg ggtggggta atgcactnca nccaagnnga atgnacacaa nggntcgtc      420
naangnnntg nggncnccct nacccttac caccatgtgn ngntngnctc tgtggttgaa      480
catcnnactn gtncgcaaan gganactnac tntaaaaccc tttgnacnan ggtgcnaaac      540
cacagntgtg nctgncnca nctancctc naaagaatna caaaaccnch tnaggggcn      600
ngggcnancn ntcnccctt tcncgncctg tnttgantg gcctttcggc ttaaacagt      660
aggctcanaa nggncnaac ctggggtgnt aataaaaaga acnaattaag anactnttc      720
ctccnacccc cctttccttg tngccagggg gcancaaact ngattnttga agcccaanat      780
aaaaaaaagg ctnnatatcn nggaaaa      807
```

<210> 3414
 <211> 716
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(716)
 <223> n = A,T,C or G

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<400> 3414
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agagatgtgg gatttgaatg cccatgaaag acattttatt ttacttgaat atattcttgc      120
ttcactttac cctccataat atgttgtaca ttagtgctga tcaagtttac agagttacat      180
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tttgctttcc	taaccattca	gtcaggaatt	aaaatatggc	attgtataac	aactgggaag	240
aagctcatag	tggatataaa	ttagagtaga	taatgggtca	ccttgatagc	ctctgtttac	300
attacttgta	tatgggcaaa	ataattatta	cctatacgtg	tatttaagct	taattttcat	360
ataaacagta	tttttaaatct	atgttaaaat	agataatatc	taaaagtgtg	atctctaggt	420
agtccttagt	ttattagtag	tgtacttcaa	aaagattttt	aaatagggtcc	ggcacggngg	480
ctcatgcctg	taatcccagc	actttgggag	gctgaggcgg	gctgaatcac	ctgaggctcag	540
gagttcgaga	tcagcctgnc	caacatggtg	aaaccctgtc	tcaactaana	atataaaaat	600
tagcccgggc	cgtggtggca	ggcgctgtga	atcccagcta	ctcgggaggc	tgangcagga	660
gaatcacttg	aacccaaggg	gcagaanctg	canttaagcc	aagatcgcat	cattgn	716

<210> 3415

<211> 774

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(774)

<223> n = A,T,C or G

<400> 3415

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tgcaggatcc	catcgattcg	aattcggcac	gagattctct	caataatggc	cagccgaaaa	120
gtacgcgtg	ccaggcatct	gcctccgcgg	agtcattaaa	ctcccacagt	ggtcacccca	180
ctgctgatgt	acagactttc	caggcaaagc	gccatattca	tcaacaccgt	cagtcttact	240
gtaattataa	cactggagggt	cagttagagg	gcaatgcagc	cacttcctat	cagaagcaga	300
ctgacaaacc	cagccactgt	agccagtttg	tgacacctcc	gcggatgagg	agacagttct	360
cagcacccaa	tctcaaagct	ggtcgagaaa	ccacagtnta	aatcagttac	tggacaaact	420
tgaaatcatg	gtggaagaaa	cagacagtgt	tagctcatga	tttgatttgg	ttctaccttt	480
ggccttgagt	tcttattatt	tacattataa	atattaactg	gttttatatt	gttaagacaa	540
aacactggta	aaagtttcaa	cacctccctt	ttgcttgat	accataaatg	ggcagtttct	600
gaaatttttg	ataaagcatc	agaactcct	ttttctgaaa	cgttcctcct	tttttagtgc	660
ctaattaata	tacttactta	cacggaannn	annnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	720
nnnnnaaac	tcgnnccttt	aaaactatag	gngtgcgttt	acctaaatcc	aann	774

<210> 3416

<211> 717

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(717)

<223> n = A,T,C or G

<400> 3416

tntcattcaa	gtncctaangc	tggtcttttt	gcaggatccc	tcgattcgaa	ttcggcacga	60
gactgctcct	tcattcccaa	gaagaaaaga	caagtactgc	tacttccaaa	actcagacac	120
gacttgaagg	tgaagtgact	cctaattcct	tgtcaaccag	ctacaagaca	gtgtcattgc	180
cattaagctc	tccaaacata	aagctgaatc	tcactagccc	taaaaggggt	cagaaaagag	240
aagaanggtg	gaaagaagtt	gtacgaaggt	caaagaaatt	gtctgttcca	gcctcagtgg	300
tgctgaggat	aatgggaaga	ggaggatgca	acatcactgc	aatacaggat	gttactggtg	360
cccatattga	tgtggataaa	canaaaagata	agaatggcga	gagaatgatc	acaataaggg	420
gtggcacaga	atcaacanga	tatgcagctc	aactaatcaa	tgactcatt	caagatcctg	480
ctaaggaact	ggaagacttg	attcctaaaa	atcatatcan	aacacctgcc	ancnccaaat	540
caattcatgc	taacttctca	tctggagtag	gtaccacagc	agcttccagt	aaaaatgcat	600
ttcctttggg	tgtcccaact	cttgnactt	cacangcaac	aaccgttatc	tacgttccca	660
ccccgcta	aaacttaata	agaatgttct	tagaaaaaaa	atntnaaaan	ctcgact	717

<210> 3417

<211> 704

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(704)
<223> n = A,T,C or G

<400> 3417
tgtncttttc anttgntagc ncttggtac ttgntctttt tgcaggatcc catcgattcg 60
aattcggcac gagcctgttt ccaggagata tgtgtgncca tcagcagtga taaaantctt 120
gggcaggagt tattgcactg tttgtatgat cnanaccac ctncctctgct ggaacaagc 180
agcgtgantt gntcacttgc ctttcnnagn cncatttggc cagntgcttg nangngaacg 240
gatccacaga acctcacagc tatttatgat ancatctgct nnattatntc aagttcancn 300
tgtntnnach tgctgntnna ggtaannngn gttntnntca agntntttgc aangngatga 360
caaactaatg tttgaatnng tcatgataan ggggcntctn atactctgga ncatcnccaa 420
nctgantnng aagagctgcc ngmntatctg ntatgncct gctncttgaa attnccaaac 480
anntgcctng ntggaaattc atnatggctg gatgtttang ngnacatttt ncaantnctt 540
antnnncang atgatggaat tcnnncnacc naacatnctn tncgctngnt anacttnnna 600
ttactnann gntctntnng cnatnatnng ncncctctgct atcatccatc atnatctang 660
cntcaagttn ctaacctngn ttngaagttg tngcaccann ttnt 704

<210> 3418
<211> 708
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(708)
<223> n = A,T,C or G

<400> 3418
tntncttnaa atcatngctc ttgttctttt gcaggatccc tcgattcgaa ttcggcacga 60
gagagggtgg ggtctggcca cataggtacc tctgtggctc tggctctggg ttagacactg 120
ttagggacta gcatattattg gacttgtaaa gacagcacct cagaattagt aactacttgc 180
attttagggc ctgttttatg aagccaacaa gtgaatgtaa aataggctct gcatcttttc 240
tgagagccct gtcactgggc agtgagcatt tccaaaattg cagctctgtc anaatgaacc 300
atgaatactt aagaaaaggga aagtaggaac agggagcaga gcaaagcata acttgctgtg 360
ttccagggat ttaaaaataa attactgtca agagcaatat aagggtcatg gggttgatca 420
ggaacttttt gtaaatgaaa aagttcacaa tttggaaaaa acagtgtctg atgtgttatg 480
gaaattgtta tcacaaatta ttccactgaa actcaagtat ataagacaac aatatattgc 540
tgtgaaatct taattttgac atatggaagg gtacccaaaa taagaacctt cctttttgct 600
tgaantgcac ggtggtacca atttctaaaa tangaaacat tangcaaaaa aaanattnnc 660
ttttnnngctt naaantanaa aaanctngnn ccttttaaac tttngngg 708

<210> 3419
<211> 708
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(708)
<223> n = A,T,C or G

<400> 3419
tntncttnaa atcatngctc ttgttctttt gcaggatccc tcgattcgaa ttcggcacga 60
gagagggtgg ggtctggcca cataggtacc tctgtggctc tggctctggg ttagacactg 120
ttagggacta gcatattattg gacttgtaaa gacagcacct cagaattagt aactacttgc 180
attttagggc ctgttttatg aagccaacaa gtgaatgtaa aataggctct gcatcttttc 240

tgagagccct	gtcactgggc	agtgagcatt	tccaaaattg	cagctctgtc	anaatgaacc	300
atgaatactt	aagaaagga	aagtaggaac	agggagcaga	gcaaagcata	acttgctgtg	360
ttccagggat	ttaaaaataa	attactgtca	agagcaatat	aagggtcatg	ggtttgatca	420
ggaacttttt	gtaaatgaaa	aagttcacaa	tttggaaaaa	acagtgtctg	atgtgttatg	480
gaaattgtta	tcacaaatta	ttccactgaa	actcaagtat	ataagacaac	aatataattgc	540
tgtgaaatct	taattttgac	atatggaagg	gtaccaaaaa	taagaaccat	cctttttgct	600
tgaantgcac	ggtggtacca	atttctaaaa	tangaaacat	tangcaaaaa	aanatttnc	660
ttttngctt	naaantanaa	aaanctngnn	ccttttaaac	tttngngg		708

<210> 3420
 <211> 717
 <212> DNA
 <213> Homo sapiens

901 - 1676

<220>
 <221> misc_feature
 <222> (1)...(717)
 <223> n = A,T,C or G

<400> 3420	
tntcattcaa	gtncatgnc
gactgtcct	tcattcccaa
gacttgaagg	tgaagtgact
cattaagctc	tccaaacata
aagaanggtg	gaaagaagtt
tgtcgaggat	aatgggaaga
cccatattga	tgtggataaa
gtggcacaga	atcaacanga
ctaaggaact	ggaagacttg
caattcatgc	taactttctc
ttcctttggg	tgctccaact
ncccgcta	aaacttaata
tggtcttttt	gcaggatccc
caagtactgc	tacttccaaa
tgtcaaccag	ctacaagaca
tcactagccc	taaaaggggt
caaagaaatt	gtctgttcca
acatcactgc	aatacaggat
agaatggcga	gagaatgac
aactaatcaa	tgactcatt
atcatatcan	aacacctgcc
gtaccacagc	agcttccagt
cacangcaac	aaccgttatc
tagaaaaaaa	atntnaaaan
ctcgact	
	60
	120
	180
	240
	300
	360
	420
	480
	540
	600
	660
	717

<210> 3421
 <211> 743
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(743)
 <223> n = A,T,C or G

<400> 3421	
tcttccattt	naagcccttt
ggcacgagag	aggggtgggt
gacactgtta	gggactagca
tacttgcatt	ttanggtctg
tcttttctga	gagccctgtc
atgaaccatg	aatacttaag
tgctgtgttc	canggattha
ttgatcagga	actttttgta
tgttatggaa	attgttatca
atatcgctgt	gaaatnttaa
tacctntttg	gcttnaaatt
tnnnnccaaa	aatnacttna
gnncnccttt	ttnaaacttt
gctacttggt	ctttttgcag
aggtacctnt	gtggctctgg
ttgtaaagac	agcacctcag
ccaacaagtg	aatgtaaaaa
gagcatttcc	aaaattgcng
taggaacang	gagcatagcn
actgtcnaga	gcaatataag
ttcacaaact	ggaaaaaaca
cactgaaact	caagtatnta
tggaaangtn	accnaaaaaa
taccnatttt	nttaaaaaatn
aattttccnc	gnccatggt
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	60
	120
	180
	240
	300
	360
	420
	480
	540
	600
	660
	720
	743

<210> 3422
 <211> 738
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(738)

<223> n = A,T,C or G

<400> 3422

tcntcgtttn natncttgga aatttgnana tngctaggct actngntctt tttgcaggna	60
tcccatcgat tcgaattcgg caccagcctt ccacggttat ttcacagata tggagagctg	120
gaagcagggga gtgagtctct gagtgttgga attgtaaggg atcagaagca gggatcagaa	180
gcagtgggtga agttcatcca ccataaaaca cacagggtgac tttgccttga atctgcagga	240
ctgaagccaa ctcttgggca cagaccctta gtcccttctt tggccactct aagtcagata	300
gtccagagcc aggccttttg ggatgtgaca ccgagataaa tcatagaaaa gctgtgaagc	360
ttggggaaca gagggacttt tgggtgaagta ggtggtctgc agtttctatc ttcttgggaa	420
aagcaagctg gaaaagtga cagtggttgg taggccatag tgctcccagc tgggtgacat	480
aatgaccaca cagcacagtg atgttattag caactgtgtg gnggantant tgtgggctgg	540
acaaatcaat cgtgtggaaa ttgttaggag tnttattaca ttaaacttgt taacctaaaa	600
taccatnnaa aaatanaatc ngnnntaaaa cnancntata nggatgtnan aanaactcga	660
gcttctaaaa ctntagnnga gcctttgtta cgtanatccn ngacatgnnt aagatacatt	720
ggtnagtttt ggacaant	738

<210> 3423

<211> 774

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(774)

<223> n = A,T,C or G

<400> 3423

ctnntttntt ttngaancct tngctcttgt tctttttgcy gatcccatcg attcgtgaag	60
aggagacggt gacctgggct ccttatgtgc ctgaaagagt ttgagtttcc tgttaactcc	120
aaatcaacag tattttcaac aagaaatgtg caattgaaat caagtgtgt ttaagtgcag	180
ctaggatttc cacaggaaga cacttgcagt gaacagagtt atggagcagc aaaaacacag	240
atctatttgg aaaaagagaa aacatatgcy ttgtattttg cttcaattat aaaataccat	300
cctctcaaag gtggttctaa attacaaagg actttgattt ctaggtagat tctgggtaga	360
gacttccttt catattgagg cattaatgac accttttaac ctgggaagca atatgactgg	420
agttgtactt tgagaagatt aatcaggttt ggttgcagaa tgaaagagaa gatgaagtca	480
agagattggt tttagaggctc tagcagaagc ttagtcatat ttcaaatga tcaaatatca	540
agaaaaatc tgagctgcat aacttgtata aagtaatttt cagtgtattt ttcattgtta	600
tgatnaaaga actggattta nccagaaacc tttacctgga ttcaagattt aatttttctt	660
ttgagcctca tccttaaagg attttcggga aaacattaag gggagccaaa nccnattggn	720
tggttgggcn tgccctnnaa ttgcctttgg acttttttaa ccgggctttt gnnn	774

<210> 3424

<211> 796

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(796)

<223> n = A,T,C or G

<400> 3424

gcnccccnn ttngntctc aacttgtacc ctttttgcnn nancncgnnc tncctgcagg	60
ntcccatcga ttcgaattcg ccacgangtt atattaaatt attctttgtt tttctttttc	120
ttttaataaa gcctgcaagt tactaaattg tagtttcata aattctgtag taaagtatca	180

tcttggcagt	gtgccaaagg	tgaaaatgat	gcttttctcta	acagagaaat	tcttagtgac	240
tccagtcgta	gaaaaacgtc	tttacaacct	gaataagatt	gaagaattgt	gaacatacca	300
tggcctattg	gatgaatcat	ttgccgtagg	ctaaatcaga	ctgtagggtt	tgtgatggat	360
ttatggagta	tgtgggtata	gaaatcatga	atctagcatt	tgttttcaga	gattcaagca	420
tagtcttaag	ggtanatcag	aaatgacaaa	tgaattcaaa	acctagcagg	tgcatgtgna	480
atgtgtgccc	agttntgttt	tggaaatggc	agttccttgg	ggtcattgtt	ctactggcaa	540
aatttgcaat	antgtntctat	tgtntgtaat	ttcaaaattt	ataagattat	cccccgttcg	600
cccaagtaaa	acctgtntctg	cccaatanaa	tcctggantc	gnngagaaat	cgntccatt	660
cgngntcaa	ctcgggatnc	ntcgncttaa	naaaatnttn	tccnggancc	ccntcatnan	720
gaanaacacc	anactattnn	gggnacctgn	aangctcaat	ngcccnngcc	ncnnangncn	780
nttttccngg	naannn					796

<210> 3425

<211> 736

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(736)

<223> n = A,T,C or G

<400> 3425

ctacttgttc	tnntnctcagg	atccccatcga	ttcgaattcg	gcacgangtc	actctgtcac	60
ccaggctgga	gtgcagtggg	gtgatcatag	ctcactgcag	cctctacctc	ctgacacaag	120
ctgtcatccc	gctttggctt	ctcaaagtgc	taggattata	ggcgtgagcc	accatgcccg	180
accagtttct	gcttttatta	aaattgttca	cagttttata	cattcatgtt	cattaaaaat	240
gctattttaga	aaagagtttg	ataaaataaa	tattatacaa	aattcgaaga	aaaaagaaaa	300
gagtttctgt	ttcagtcaca	aattaggggt	attgtgatgt	gtatttatga	tgaccattga	360
acaaatgtga	agaatactgn	gaattctatg	actttatcaa	aatcagccac	atcncaggag	420
cttgacgttg	ttgaccaa	gaatgatgac	atagagtagn	tcagatctat	catgtgctct	480
tctatcta	at	cagtcaca	tttccttgg	cctcaagcca	acattcattt	540
acccttcttc	atgattntna	aatnttgata	gggtaaactg	ctaagaggtt	tcacaaatgt	600
agcactttta	aaaggaaaaa	tnnnatggan	agtgaaaaca	acttgccctac	ctataattgt	660
gggtctctaa	tctttctggt	tttaaaaaann	aaaantggca	ttgctaggtt	tcnnaancan	720
aaaaannaaa	aacnct					736

<210> 3426

<211> 736

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(736)

<223> n = A,T,C or G

<400> 3426

ctacttgttc	tnntnctcagg	atccccatcga	ttcgaattcg	gcacgangtc	actctgtcac	60
ccaggctgga	gtgcagtggg	gtgatcatag	ctcactgcag	cctctacctc	ctgacacaag	120
ctgtcatccc	gctttggctt	ctcaaagtgc	taggattata	ggcgtgagcc	accatgcccg	180
accagtttct	gcttttatta	aaattgttca	cagttttata	cattcatgtt	cattaaaaat	240
gctattttaga	aaagagtttg	ataaaataaa	tattatacaa	aattcgaaga	aaaaagaaaa	300
gagtttctgt	ttcagtcaca	aattaggggt	attgtgatgt	gtatttatga	tgaccattga	360
acaaatgtga	agaatactgn	gaattctatg	actttatcaa	aatcagccac	atcncaggag	420
cttgacgttg	ttgaccaa	gaatgatgac	atagagtagn	tcagatctat	catgtgctct	480
tctatcta	at	cagtcaca	tttccttgg	cctcaagcca	acattcattt	540
acccttcttc	atgattntna	aatnttgata	gggtaaactg	ctaagaggtt	tcacaaatgt	600
agcactttta	aaaggaaaaa	tnnnatggan	agtgaaaaca	acttgccctac	ctataattgt	660
gggtctctaa	tctttctggt	tttaaaaaann	aaaantggca	ttgctaggtt	tcnnaancan	720
aaaaannaaa	aacnct					736

<210> 3427
 <211> 774
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(774)
 <223> n = A,T,C or G

<400> 3427
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 tcggcacgag cacaaggaga agaagttaat taacattgaa ngatgagaag acatcttgga 120
 agaacttgaa ttgggccttg gaagaagaac agccattcaa atagatagaa ttgtggtagc 180
 aaaggcatag aggtaggaaa gtatagatct ccaggacag tagtcatggg gttggggcac 240
 tgttggaatt taaggttgga aggatatatt ggagcccctt gaatacggta acaaggcaca 300
 ccttgggcag tggagagtta tcagagtgtt tgaaaaggag ggttattgag taaataaata 360
 gactggtact ttaggaattt taaaatgtgg atcattgtac tactaataac tattttatttt 420
 atatttacta tctactaagt aattttacatg tattttcttg tactgactgt aaaccttctg 480
 ggtgtgggtg ttttaagtgc cattttactg atnaagaaac tgaggcctaa atagttgaaa 540
 taagtcaccc tgtttagtgag tggccagaat gacaagtcag atctanggtt tgtctaactn 600
 ccaaagatna tataaaaaata atggatctct ccttttccct tatgcataaa atatggggag 660
 cntttttaa tcatcaccac tncgattgnc caaaaaaata cctttnggga aaactgatta 720
 ttantattcc anaataaatt tcaacggcct gcntngnctn ctttacaact ttnt 774

<210> 3428
 <211> 740
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(740)
 <223> n = A,T,C or G

<400> 3428
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 tgctcaccag atccctgata aattcccctg aagccacctg aaagggtgta aaagcaagg 180
 aaaacgtggg gaaagcaagg taaagaagg agatttcaca attttgtttt ttaaaaagg 240
 gaatcttccc tgaattcttt gaggtactaa gtacgtggtt taatgcatat ttctattctt 300
 gttagcagtt taaaaataat gtttcagaga ctgtattcac gattgctaaa aagcattttt 360
 tctactaatc attgttcatg ggacttaaca atggaagata actgggaaag cagtaaatat 420
 aggaaaccac taatagtgtc tccttcttcc taccctgacc ctctctttgg cttcagaaa 480
 tgacgaggaa aatgtatctt tcacaaagaa aagttatacc acagaangta ctaaaaagca 540
 acaactgcct ttggggacag gaaacttaca gaggggatta ttatagaggg ataacatacc 600
 gagtttctat ttcaataaga gggaaattgg tttatattct gttcacactt gtttcaaac 660
 cctctcctct aaaagcatgt gttttttgga attcaaggaa tgtaccgttc tttccccaac 720
 ccttaaactg gggggtcann 740

<210> 3429
 <211> 743
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(743)
 <223> n = A,T,C or G

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<400> 3429
tcttccattt naagcccttt gctacttggt ctttttgag gatcccatcg attcgaattc      60
ggcacgagag aggggtgggt ctggccacat aggtacctnt gtggctctgg tctggggtta      120
gacactgtta gggactagca tttattggac ttgtaaagac agcacctcag aattagtaac      180
tacttgcatt ttanggtctg ttttatgaan ccaacaagtg aatgtaaaat aggctctgca      240
tcttttctga gagccctgtc actgggcagt gagcatttcc aaaattgcng ctctgtcaca      300
atgaaccatg aatacttaag aaagggaaag taggaacang gagcatagcn aagcataact      360
tgctgtgttc canggattta aaaataaatt actgtcnaga gcaatataag ggtcatgggt      420
ttgatcagga actttttgta aatgaaaaag ttcacaactt ggaaaaaaca gtgctagatg      480
tgttatggaa attgttatca caaattattc cactgaaact caagtatnta anacaacaat      540
atatcgctgt gaaatnttaa ttttgacata tggaaangtn accnaaaaat tttgaaccca      600
taccttnttg gcttnaaatt gcanggtggg tacccnattt nttaaaaatn annanacctt      660
tnnnnccaaa aatnacttna tntacaaaaa aattttcncn ggnccatggt taanaacctt      720
gnncnccttt ttnaaacctt tac                                          743

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<210> 3430

<211> 776

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(776)

<223> n = A,T,C or G

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<400> 3430
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anaaccagg ngtttcaaag aagcgctagt aangtntctg agatcctngc nctagctnca      180
tnctnagggt agganganaa tggctnncnn aancatgcgn gtgctcctat tgctganctn      240
nctgnccaaa ncatgagtc tgggtgatat catcatgaga cccacatgtg ctectgnatg      300
ganttaccac tacttcaaat gctatgagta ctntcagaaa ctntngaact ggtctgatgc      360
cctngtann naactntn nctgnttggc ctnnctntc tagatcaang gancngcnnt      420
aatcccnnaan ttcantgan tnaagatcan nngttcctgc tnggcacctt tcnagnataa      480
tccccttttn gcttgnnaa acggaantnn anaaggngtg tntnnttca atcttattan      540
aattcttgtn attncatttg ctataatccc tggagcctgg atttcctgga anccgtaaaa      600
cngggcttct aagcacctta cncnnttcca tcttgaaag nancccccgt nnncatncan      660
tnagnctnct antntaant cntattggag accctnaana ttcntttac atcaaanggn      720
nggtataana atntttcngg nattttncag ganctgngta aaattnttat tntacc          776

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<210> 3431

<211> 731

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(731)

<223> n = A,T,C or G

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<400> 3431
tnagtttgaa tgcttngant tgctaatagc ttggctactc gttctttntg caggnatccc      60
atcgattcga attcggcacg agcagtggct ggataaaagg atgtgtggga aagaactgag      120
ttgaaattag gagttagaat tttattcttt ggtactaagg aatcattgaa gattttaaaa      180
ttagggctga cataatcaga tttgagtttg ggaacctata gtttgggact ggaggaagac      240
aggtgccaga caccagttaa aaagctgtta ttttctaagc agtagacaaa ggtttacact      300
gacaatagct gtggagatag agaaaagctg cgagatttca gagttttcca aggtgtaaac      360
aactaaattt tgtgatcaaa atgataaggg ccatctaata agctggggaa tgtgggatct      420
gtcttggttg agttggtgga ttaactgaga ttaacanagc tggaggaaat gtaaaaagaa      480
aggcaggatt gttcattttg tcttttgttt gttttgggga acagggtcaa aattttcatt      540
ctgcataagg taggtttagt ctttttcaaa acattctagt aggcaagtct gtagctgaat      600

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<222> (1)...(712)
 <223> n = A,T,C or G

<400> 3434
 tctccttgaa attgcttatn gctaggctac ttgttctttt tgcaggatcc catcgattcg 60
 aattcggcac gagagtggct ggataaaagg atgtgtggga aagaactgag ttgaaattag 120
 gagttagaat tttattcttt ggtactaagg aatcattgaa gattttaaaa ttagggctga 180
 cataatcaga tttgagtttg ggaacctata gtttgggact ggaggaagac aggtgccaga 240
 caccagttaa aaagctgtta ttttctaagc agtanacaaa ggtttact gacaatagct 300
 gtggagatag agaaaagctg cgagatttca gagttttcca aggtgtaaac aactaaattt 360
 tgtgatcaaa atgataaggg ccatctaata agctggggaa tgtgggatct gtcttggttg 420
 anttgggtgga ttaactgaga ttaacagagc tggaggaaat gtaaaaagaa aggcaggatt 480
 gttcattttg tcttttggtt gttntgggga acagggtcaa aattttcatt ctgcataagg 540
 taggtttagt ctttttcaaa acattctagt aggcaagtct gtagctgaat cttggaagaa 600
 aggtccata gtnatatatt tgagtttcta ctgnttattt ttcaataaaa actcangttc 660
 tcangttagc anatcatggt cttaggaagg tagctgnana accaaaatat at 712

<210> 3435
 <211> 712
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(712)
 <223> n = A,T,C or G

<400> 3435
 tctccttgaa attgcttatn gctaggctac ttgttctttt tgcaggatcc catcgattcg 60
 aattcggcac gagagtggct ggataaaagg atgtgtggga aagaactgag ttgaaattag 120
 gagttagaat tttattcttt ggtactaagg aatcattgaa gattttaaaa ttagggctga 180
 cataatcaga tttgagtttg ggaacctata gtttgggact ggaggaagac aggtgccaga 240
 caccagttaa aaagctgtta ttttctaagc agtanacaaa ggtttact gacaatagct 300
 gtggagatag agaaaagctg cgagatttca gagttttcca aggtgtaaac aactaaattt 360
 tgtgatcaaa atgataaggg ccatctaata agctggggaa tgtgggatct gtcttggttg 420
 anttgggtgga ttaactgaga ttaacagagc tggaggaaat gtaaaaagaa aggcaggatt 480
 gttcattttg tcttttggtt gttntgggga acagggtcaa aattttcatt ctgcataagg 540
 taggtttagt ctttttcaaa acattctagt aggcaagtct gtagctgaat cttggaagaa 600
 aggtccata gtnatatatt tgagtttcta ctgnttattt ttcaataaaa actcangttc 660
 tcangttagc anatcatggt cttaggaagg tagctgnana accaaaatat at 712

<210> 3436
 <211> 717
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(717)
 <223> n = A,T,C or G

<400> 3436
 tntcattcaa gtntaangc tgggtctttt gcaggatccc tgcattcgaa ttcggcacga 60
 gactgctcct tcattcccaa gaagaaaaga caagtactgc tacttccaaa actcagacac 120
 gacttgaagg tgaagtgact cctaattcct tgtcaaccag ctacaagaca gtgtcattgc 180
 cattaagctc tccaaacata aagctgaatc tcactagccc taaaaggggt cagaaaagag 240
 aagaanggtg gaaagaagtt gtacgaaggt caaagaaatt gtctgttcca gcctcagtgg 300
 tgtcgaggat aatgggaaga ggaggatgca acatcactgc aatacaggat gttactggtg 360
 cccatattga tgtggataaa canaaaagata agaattggcg gagaatgatc acaataaggg 420
 gtggcacaga atcaacanga tatgcagctc aactaatcaa tgcactcatt caagatcctg 480
 ctaaggaact ggaagacttg attcctaaaa atcatatcan aacacctgcc ancncaaat 540

caattcatgc	taactttctca	tctggagtag	gtaccacagc	agcttccagt	aaaaatgcat	600
ttcctttggg	tgctccaact	cttgnactt	cacangcaac	aaccgttatc	tacgttccca	660
ncccgcta	aaacttaata	agaatgttct	tagaaaaaaa	atntnaaaan	ctcgact	717

<210> 3437

<211> 722

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(722)

<223> n = A,T,C or G

<400> 3437

gngtcatnct	ttnaantttc	taatngctng	gctacttggt	ctttttgcag	gatcccatcg	60
attcgctggt	tttgattggt	cagattcttt	tttactagc	ggcgggtttt	cttttatgtc	120
ttgttataaa	gaagtatctc	attggacctt	attatcggaa	gctgcacatg	gaaagcaagg	180
ggaacaaaga	aatcctgata	ttgggaatat	ctgcctttat	cttcttaatg	ttaacgggtca	240
cggagctgct	ggacgtctcc	atggagctgg	gctgtttcct	ggctggagcg	ctcgtctcct	300
ctcagggccc	cgtggtcacc	gaggagatcg	ccacctccat	cgaacccatc	cgcgacttcc	360
tggccatcgt	tttcttcgcc	tccatagttt	ctcctggcgg	cgtcggtcct	gtctctcatt	420
ctgccgagga	gcagccagta	catcaagtgg	atcgtctctg	cggggccttg	ccagggtcagc	480
gagttttcct	ttgtctgggg	gagccggggc	cgaagagcgg	gcgtcatctc	tcgggaggtg	540
tacctcctta	tactgagtgt	gaccacgctc	agcctcttgc	tcgccccggg	gctgtggaga	600
gctgcaatca	cgaagtgtgt	gcccagaccg	gaanagacgg	tccagcctct	gatggctcgg	660
agatgatgga	ccgtggaaaag	ggaacnctct	gtggggagtg	aaccgcttaa	natggccagc	720
at						722

<210> 3438

<211> 789

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(789)

<223> n = A,T,C or G

<400> 3438

tnntnttcca	cttggaaacc	cttttnngaa	ancccgagc	natcccatcg	attcgctctg	60
ggagtagctg	ggattacagg	catgcaccac	catgcctggc	taattttnta	tactctagta	120
ntagacaggg	tttcgccc	gttggtcagg	ctgggtctca	actctngacc	tcaggtgatt	180
caccacacn	agcttcccaa	agtgcctgga	ttataggcgc	gagccaccat	ggctcancct	240
catgttcggt	tttaaaactt	aggatggtgg	ctcttntaca	ttgattggca	ggaactcttc	300
atattacgag	gcacttagct	agntgnctgt	gaaatanaat	actaatgatt	gaactttcta	360
ggaagtgcct	attctgctaa	tagtgnaaat	atacacttat	ccagggtcag	naatactnna	420
gntatccac	ttaaangata	tagacataca	tgaacttggg	cttacttgcc	cgttanaatt	480
gcatatctta	naatagtcca	tcaccttact	taangnagat	atgcntngat	tatccngatt	540
actcnntaac	atagcctctc	nccttanctg	tctcacctga	atgtantacc	tggacctctn	600
caagtcnanc	agaggccnat	aataaaaagt	canaagttta	nncnnnacac	ccctctcccc	660
cnccccanta	ncccaanccc	ctcccannac	cccctctccc	nccccacnct	cacctcnna	720
tccnccccacc	ccactcnncn	nncannccct	ccccccacc	ccccnncnct	acnctcctnt	780
cccctcnctg						789

<210> 3439

<211> 713

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(713)
 <223> n = A,T,C or G

<400> 3439
 anccttttnaa attccntngc cntaggctac ttgttctttt tgcaggatcc catcgattcg 60
 gctgcacagt gggaaggga ctgggctgga agccctaccc atgtcaggga atgtctgggc 120
 ctcagatttt tattttctag aatgaagata cttacccccc aattgctgag atatttgaat 180
 aaaagtatat gtgaaggatt ttgtaattat agaatgtcct acaaatatga gtagttcggt 240
 tgctactttt ttggcgaaga aaaatattgg gatgcatgaa taatatctac ctaagggtacc 300
 taaggttgta ttcacccat ttattgaatg ccaaggatat accagctact gctccagatg 360
 ttgtattcag ggaacagaag aagagtcctt gtgcccattg agctaacagc attctagggg 420
 aggaaagatg ggtagctga ctttcacgat ctcagggtact gatgaagatt gtgaagatta 480
 ttacatcang tgaatgtang ggtgatttag agaaagctgg tagctaggct gttcaaggaa 540
 gggcctctgt ganaaagggg atggnctggc ggntgtgggt gttcacgcct atnatcccag 600
 cactttggga ggttgggagt ttgagaccag cctgaccagc atgganaaac cccgtctcta 660
 ctaaaaatac aaaattagcc cggcatgggt gcacatgcct gtaatccagc tcc 713

<210> 3440
 <211> 713
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(713)
 <223> n = A,T,C or G

<400> 3440
 anccttttnaa attccntngc cntaggctac ttgttctttt tgcaggatcc catcgattcg 60
 gctgcacagt gggaaggga ctgggctgga agccctaccc atgtcaggga atgtctgggc 120
 ctcagatttt tattttctag aatgaagata cttacccccc aattgctgag atatttgaat 180
 aaaagtatat gtgaaggatt ttgtaattat agaatgtcct acaaatatga gtagttcggt 240
 tgctactttt ttggcgaaga aaaatattgg gatgcatgaa taatatctac ctaagggtacc 300
 taaggttgta ttcacccat ttattgaatg ccaaggatat accagctact gctccagatg 360
 ttgtattcag ggaacagaag aagagtcctt gtgcccattg agctaacagc attctagggg 420
 aggaaagatg ggtagctga ctttcacgat ctcagggtact gatgaagatt gtgaagatta 480
 ttacatcang tgaatgtang ggtgatttag agaaagctgg tagctaggct gttcaaggaa 540
 gggcctctgt ganaaagggg atggnctggc ggntgtgggt gttcacgcct atnatcccag 600
 cactttggga ggttgggagt ttgagaccag cctgaccagc atgganaaac cccgtctcta 660
 ctaaaaatac aaaattagcc cggcatgggt gcacatgcct gtaatccagc tcc 713

<210> 3441
 <211> 724
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(724)
 <223> n = A,T,C or G

<400> 3441
 cttgcctttg aaaancgttg gctactngtt ctttttgcag gatcccatcg attcgaattc 60
 ggcacgaggg ggcgctgacc cggccggccc cacaccgct cttcctcttc tttgccggg 120
 actccctttc ctgcctccaa gacctggtgt cttccactgt gagcccagct gtcccacagg 180
 cagtcctccat ggacctagac tcaccttccc cttgcctcta tgaacctctg ctgggcccag 240
 cccctgtccc agctcccgac ctgcacttcc tgctggactc aggcctccag ctccctgccc 300
 agcgagcggc ctcagccacc gcctcccctt tcttcggggt cctgctgtca ggcagctttg 360
 cagaagccca gatggacctg gtgcccctgc gaggtctgtc gcctggtgca gcctggcctg 420
 tctgcatca tttgcatggt tgtcgggggt gtggggctgn nntggggccc gtgcccacac 480

cangcnancc	cctgtatggg	atcanaggen	cgaagangca	ntgnangctg	ntggcanntn	540
aantactgnc	tgggctggaa	nangaactnn	taaaagtcnt	ngcccnatc	caccttggna	600
cccnannttn	nncnntant	cnngggntn	angtggtnnn	nnctngggac	agntcnntnt	660
ggmntgncna	tngnncnnat	gnanacttgg	ggttcannaa	ncntttccnn	atgnaancng	720
ngtc						724

<210> 3442

<211> 740

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(740)

<223> n = A,T,C or G

<400> 3442

gttcaatnnt	tgaatttna	nntcgctagg	ctactngttc	tttttgcagg	atcccatcga	60
ttcgaattcg	gcacgagcct	tccacggtta	tttcacagat	atggagagct	ggaagcaggg	120
agtgagtctc	tgagtgttgg	aattgtaagg	gatcagaagc	agggatcaga	agcagtgggtg	180
aagttcatcc	accataaaac	acacaggtga	ctttgccttg	aatctgcagg	actgaagcca	240
actcttgggc	acagaccctt	agtccttccc	ttggccactc	taagtcagat	agtccagagc	300
caggcccttt	gggatgtgac	accgagataa	atcagagaaa	agctgtgaag	cttgggggaa	360
agagggactt	ttggtgaagt	aggtggtctg	cagtttctat	cttcttggga	aaagcnagct	420
ggaaaagtga	acagtgggtg	gtaggccata	gtgctcccag	ctgggtgaca	taatgaccac	480
acagcacagt	gatgttatta	gcaactgtgt	ggtggagtag	ttgtgggctg	gacaaatcaa	540
tcgtgtggaa	attgttagga	gttttattac	attaaacttg	ttaacctaaa	ataccatcaa	600
aaaanaaaan	nttnatgntt	nnacntacnt	gtnatnntan	aaaaaaaaac	nttgagccct	660
ttaaaaccta	ttannngntc	ctttttaccn	taaaatccan	accttnntta	agaatncatt	720
tggattgaat	ttttggncct					740

<210> 3443

<211> 740

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(740)

<223> n = A,T,C or G

<400> 3443

gttcaatnnt	tgaatttna	nntcgctagg	ctactngttc	tttttgcagg	atcccatcga	60
ttcgaattcg	gcacgagcct	tccacggtta	tttcacagat	atggagagct	ggaagcaggg	120
agtgagtctc	tgagtgttgg	aattgtaagg	gatcagaagc	agggatcaga	agcagtgggtg	180
aagttcatcc	accataaaac	acacaggtga	ctttgccttg	aatctgcagg	actgaagcca	240
actcttgggc	acagaccctt	agtccttccc	ttggccactc	taagtcagat	agtccagagc	300
caggcccttt	gggatgtgac	accgagataa	atcagagaaa	agctgtgaag	cttgggggaa	360
agagggactt	ttggtgaagt	aggtggtctg	cagtttctat	cttcttggga	aaagcnagct	420
ggaaaagtga	acagtgggtg	gtaggccata	gtgctcccag	ctgggtgaca	taatgaccac	480
acagcacagt	gatgttatta	gcaactgtgt	ggtggagtag	ttgtgggctg	gacaaatcaa	540
tcgtgtggaa	attgttagga	gttttattac	attaaacttg	ttaacctaaa	ataccatcaa	600
aaaanaaaan	nttnatgntt	nnacntacnt	gtnatnntan	aaaaaaaaac	nttgagccct	660
ttaaaaccta	ttannngntc	ctttttaccn	taaaatccan	accttnntta	agaatncatt	720
tggattgaat	ttttggncct					740

<210> 3444

<211> 738

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(738)
 <223> n = A,T,C or G

<400> 3444
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 tcccatcgat tcgaattcgg cacgagcctt ccacggttat ttcacagata tggagagctg 120
 gaagcagggga gtgagtctct gagtggttga attgtaaggg atcagaagca gggatcagaa 180
 gcagtgggtga agttcatcca ccataaaaca cacaggtgac tttgccttga atctgcagga 240
 ctgaagccaa ctcttgggca cagaccctta gtcccttctt tggccactct aagtcagata 300
 gtccagagcc aggccctttg ggatgtgaca ccgagataaa tcatagaaaa gctgtgaagc 360
 ttgggggaaca gagggaacttt tgggtgaagta ggtgggtctgc agtttctatc ttcttgggaa 420
 aagcaagctg gaaaagtga cagtgggttg taggccatag tgctcccagc tgggtgacat 480
 aatgaccaca cagcacagt atgttattag caactgtgtg gnggantant tgtgggctgg 540
 acaaatcaat cgtgtggaaa ttgttaggag tnttattaca ttaaacttgt taacctaaaa 600
 taccatnnaa aaatanaatc ngmntaaaa cnancntata nggatgtnan aanaactcga 660
 gcttctaaaa ctntagnnga gcctttgtta cgtanatccn ngacatgnnt aagatacatt 720
 ggttagtttt ggacaant 738

<210> 3445
 <211> 712
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(712)
 <223> n = A,T,C or G

<400> 3445
 tctccttgaa attgcttatn gctaggctac ttgttctttt tgcaggatcc catcgattcg 60
 aattcggcac gagagtggct ggataaaaagg atgtgtggga aagaactgag ttgaaattag 120
 gagttagaat tttattcttt ggtactaagg aatcattgaa gattttaaaa ttagggctga 180
 cataatcaga tttgagtgtt ggaacctata gtttgggact ggaggaagac aggtgccaga 240
 caccagttaa aaagctgtta ttttctaagc agtanacaaa ggtttacact gacaatagct 300
 gtggagatag agaaaagctg cgagatttca gagttttcca aggtgtaaac aactaaattt 360
 tgtgatcaaa atgataaggg ccatctaata agctggggaa tgtgggatct gtcttgggtg 420
 anttgggtga ttaactgaga ttaacagagc tggaggaaat gtaaaaagaa aggcaggatt 480
 gttcattttg tcttttgttt gttntgggga acaggggtcaa aattttcatt ctgcataagg 540
 taggtttagt ctttttcaaa acattctagt aggcaagtct gtagctgaat cttggaagaa 600
 aggcctcata gtnatatctt tgagttntca ctgnttattt ttcaataaaa actcangttc 660
 tcangtttagc anatcatggt cttaggaagg tagctgnana accaaaatat at 712

<210> 3446
 <211> 836
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(836)
 <223> n = A,T,C or G

<400> 3446
 ggaggggatga aaatgagccc tgggagggag gaagggacga ggaggggtgg ctgcatgtta 60
 ccgtccncta cctctccac gtggaggggtg gagcagttat gagggaggaa gtcaactgct 120
 gttcagcctc agaataaagg tgccgttcac tggctcagtt acctcctgtg taccggcatc 180
 ttgtgttggg aatgttcccc cctncctagg gaccaaggan caccctaca aaaaanagtaa 240
 ntggttgggt gatactccct taagccaaan aggagctacc caacctgttc ttagggaccc 300
 angttaccta caaggggtggg agagaattca atgggccag atgttgggtg aagcccatc 360

tctggggctc	angttttcttg	gaanacttat	actatcccta	ccctcctnaa	ngcctgnatc	420
agactaaaat	ntgtataant	canngcntgg	gaccctantc	nanggtcttg	ggaagctncc	480
ctnnccnntt	ngggtnccna	nnagcnaaca	ttnttcncaa	gggcncnct	tatnggnaaa	540
antgtnggnn	cacattcccc	ccttctccaa	aggaangngg	ccncgnatta	acaatnngct	600
anncttttgc	ccattggctn	aaaanccctt	ccccacattt	ccatnatttc	angnttgngc	660
nncattatct	attnctttat	antgnnntgg	tanncncttn	ttnnactcaa	agnnnatcnc	720
ttacctttca	cnatcccnca	attttncntg	gctccanctg	tgnnccnttt	nganancctc	780
nncctncttn	cttncagggg	ntnttanang	ntnatctaaa	tntgnggcnc	atannt	836

<210> 3447
 <211> 747
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(747)
 <223> n = A,T,C or G

<400> 3447					
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ggttggtggg	tctgtggacc	ttgagctagt	ttttaatcaa	catggaaact	ccagtgatct 120
atthaaaaac	ttgcattggg	tcatgccagg	tttattggag	gttataccct	ccaatgtatt 180
tccaactcag	ggttaaagcc	aaggtcctta	tggtggaaga	tggggcatat	aaactggcat 240
tctggcgctc	acacactcca	atatctacta	ctctcccttc	ttgctcgctc	agctgtggct 300
tgtttattca	gctttttgct	cttcctggaa	tacatcaaac	atatgtaggc	ccaggggttt 360
aaccatttta	acaactgaac	ttgtaactgc	actagtcttc	caggtaagca	gaagtattag 420
ggttatggac	agtttatccg	aagtaataac	caggaatgcc	taataaaaaac	atgcangtat 480
tgtggtaaaa	aatagagttg	gtgaacaagg	agttaccttc	tgactgnttc	tcttttagtg 540
aagtaggagg	caagggttatt	agctaagagt	gagatgggta	ggagatgggt	taaatttaaa 600
ggaaaagaat	taagggtatga	gatagttggc	taggataatg	aanttnntga	atgggttttg 660
gctaagtngt	attaaaatcc	cctttaggta	atagacnatg	aanttcctaaa	gcncctactta 720
gccaacctcg	ggttctttct	tttcttt			747

<210> 3448
 <211> 759
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(759)
 <223> n = A,T,C or G

<400> 3448					
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aattcggcac	gagatgttgc	ccaggctggt	ctcaaactct	tnntntcaa	gcaatactcc 120
tgcttgggcc	tcccaaagtg	ctgggataat	aggcatgagc	catcatgcct	ggccgaactt 180
atthtttaaa	tctttgggaa	tctaaaagga	ctatgtgctt	tcttttttac	tggtattatgt 240
gagaagataa	tagtttgagc	agaaattcag	tgaagcagct	gataaaatgc	tttaaaaaata 300
tatttcagag	aattgagcaa	taacagtgat	gtcaaaaatg	tagccccacc	ttctccagcc 360
cacctaaacc	aacactgagc	atggacacat	gcatttcttg	tcatacagcca	gacgaaatgg 420
agtagcaaaa	atccatccta	tatgtcattg	agtcttataa	tacagtcttc	ttttctctgn 480
ctattaataa	aagacccac	tgaatgaagc	cgggaattctt	ttaggcaatt	taaactttct 540
gaaatagagg	aaagttggaa	aggggcggta	gtcaaggaat	atagaagtaa	aaaatatttt 600
tgaggtcaaa	tgcttatctg	aacagattgn	ctagtctgat	tatttttaaa	agtattatgt 660
tgatccagtg	gtttaaattt	gaatcaaaag	taatgattta	accaaagggt	gtgcttccat 720
tattaacctc	agaaacacta	agaaaccgaa	atcactttt		759

<210> 3449
 <211> 736

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(736)
<223> n = A,T,C or G

<400> 3449
ttntntncnnc tnttggaaacc ctttttgcag gatcccatcg attcgaattc ggcacgagca 60
aaaagctgct gctgggcagc cccagctcgc tgagcccctt ctctaagcgc atcaagctcg 120
agaaggagtt cgacctgccc ccggccgcga tgcccaacac ggagaacgtg tactcgagct 180
ggctcgccgg ctacgcggcc tccaggcagc tcaaagatcc cttccttagc ttcggagact 240
ccagacaatc gccttttggc tcctcgtcgg agcacgcccc atattagtgg tccgggcccc 300
ggcaggccca gctcaaaaga gggcagacgc agcgacactt gttcttcaca cacccccatt 360
cggcgtagta cccagagagc tcaagatgtg tggcagtttt cggatggaag ctcgagagcc 420
cttaagttct gagaaaattt gaagcccca ggggtgggtt ggacgcgtgc cgcccagtcg 480
acgtcagcgt ggtctgtcat cctgctagtt ngtagatgtt tctgacagta gcctncaaga 540
accggttggt cgaagacaga gtctgcaga gtccttcag cctagcctgc agcgccattt 600
tatttatatt ttttaataaa aagtaaaaca nnaaaacag acccacattg gaacagtga 660
tcattccata gagaggcccc tggaccatcg ttgtcatgag tgatgcctgg ccttttgaaa 720
ccagccnacc taattc 736

<210> 3450
<211> 738
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(738)
<223> n = A,T,C or G

<400> 3450
cttctttttn tnnacgcttc tttttgcagg atcccatcgg attcgggagn aactgctcac 60
tccttttccc tcccataca aactcaaagt cccctgggcc ccaattcaga gttatgtttt 120
ttttggcaca tactagaaag gcagtgcctc agcccttccc tgaatccatg gaggtgttct 180
gtttggggct ttttagactg ctgctgctca gctggttgct tgaactgaca gtaggccagc 240
ctgttctctg ccattcccta gtcacccctg gcctcaccac agcttgctta gagcaagcct 300
tttctcagac ctaggcaca gcctctcctc tttacctgat caatgttaaa tgtaagcacc 360
cctgatccca ggacataagg aaagatgccc aattgtactt ttgttctata gcctgtgaaa 420
tggctagtgt atcatttttc cacaagaat tangtgtaa gagttttcct tcangcttta 480
cttangagaa tggactaagc tgaangtga cttaccagc aagagtcaac tctagaattt 540
cangatgttc cttctattgc ctcttagcca tctgtcagga aatgtaactn tggttttatt 600
ttnggctatt ccanggggta agccanaaaa tngnaatgat nattctgatt aatagcagaa 660
actttttcat cccaaattat aaggggnctg ctcttttaaa aagcntctaa gctaagtcna 720
gagcttagga actgtgac 738

<210> 3451
<211> 746
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(746)
<223> n = A,T,C or G

<400> 3451
ttnnntnttt gaacttttta cctgttctt ntgcaggacc catcgnttcg aattcggcac 60
gagggtcttg accctgcagg actgggcagc ccagcgggtgc accatctcct accgagcccc 120

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agagctcttc tctgtgcaga gtcactgtgt catcgatgag cggactgatg tctgggtccct 180
aggctgcgtg ctatatgcca tgatgtttgg ggaagggcct tatgacatgg tgttccaaaa 240
gggtgacagt gtggcccttg ctgtgcagaa ccaactcagc atcccacaaa gccccaggca 300
ttcttcagca ttgcggcagc tcctgaactc gatgatgacc gtggaccgc atcagcgtcc 360
tcacattcct ctctnctca gtcagctgga ggcgctgcag cccccagctc ctggccaaca 420
tactacccaa atctgaaaaa gcagcatgtt gagaagatgg ccccttgtgc cttggaaaga 480
ggttcccatc cctcattgga atcaccaccc attccatcca ggacttctct tacacttggg 540
ggtagccggg gtcaggacaa tcattctcagt cctgcattct ttcttctgct ttcttccctc 600
caagagcaaa acctgggcaa ggggacttac tgagtggggg tgggtggggg ttgggaaaag 660
ggaaacnntt gggatatggn acatggntct naggaggant gntgagctac ntancgtntt 720
gactcnaaan tnnngagca gnnnat 746

```

<210> 3452

<211> 764

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(764)

<223> n = A,T,C or G

<400> 3452

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ttntntttcc ttgaancctt tttctacann cncctttgca gatcccnctg tcgaattcgg 60
cacgagagac aaagaaaagg tggcaatcat agaagagttt ntagtaggtt atgaaacctc 120
tctaaaaagc tgccggttat ttaaccccaa tgatgatgga aaggaggaac caccaaccac 180
attacttttg gtccagtact acttggcaca acattatgac aaaattgggc agccatctat 240
tgctttggag tacataaata ctgctattga aagtacacct acattaatag aactctttct 300
cgtgaaagct aaaatctata agcatgctgg aaatattaaa gaagctgcaa ggtggatgga 360
tgaggcccg gccttggaca cagcagacag atttatcaac tccaaatgtg caaaatacat 420
gctaaaagcc aacctgatta aagaagctga agaaatgtgc tcaaagttaa caaggggaagg 480
aacatcagcg gtagagaatt tgaatgaaat gcagtgcagc tggttccaaa cagaatgtgc 540
ccaggcttat aaagcaatga attaaatttg gtgaagcact taagaaatgt cattgagatt 600
gagagacttt tataggaaat cactgatgac ccagtttgac tttcatacat actgtatgan 660
ggaanattac ccttagnatc ttatgggtgg actttattta aaaacttnca nnaatgttctn 720
ttcgacagcc ttccatttta acttcnaagg cnncaangaa ttnt 764

```

<210> 3453

<211> 758

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(758)

<223> n = A,T,C or G

<400> 3453

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ttnttcncc tttttnaanc ctttttgag gatcccatcg attcggactg ctggccgagc 60
ccgctgggag tctagaaaga gaaaatctgt ttctagacct cagttatatt cccatttttg 120
gttgttttga agcagtaaca tttttctcag tgcacatgca atttgggttt tagagaagat 180
ggccaccagc tggcttcccta gatattttta acttttgctt tttaatatgc tgtccatggc 240
tgagtttatt agtacatggg cttagtgacc acaaaatatt ttattaagaa actgtttcaa 300
aaataaattt gcactgttca tttttctggc ctgctgttcc tccatagagc aagggtaatc 360
ctagaaaaat tttttttttt ttaaattatg caacgtaaga tgtcctcctt gatagaagtc 420
ttagctcctg tgttacaagg gagaactcat ttgagatcag tctgttggca ttgcaatgaa 480
gtgctttgta tcangaaagt gtacactatt gacctttttt cctgttcaca agctgagcca 540
tatgtacata atctagattt tgttttcata gttttgcact ttttatagcc tatttttgaa 600
gattaacaca ttgcaagat gatntgactc aatctttgcc taatccaaat gagtgttacc 660
agagagcttg cntgtgacta gaaccataaa aattcttaaa anggggtatg ttgataatag 720
aagggcnggg aattttaaac ccnggntttt aaaaaaat 758

```


<210> 3454
 <211> 748
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(748)
 <223> n = A,T,C or G

<400> 3454
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 caccttttct ccagttttcca ataacacatt cctcttttcc acctgagacc tcaccagaat 120
 cacctttaat gtctatatct ctaccaatag tcttttttaag gcaatatagg ctttctctaa 180
 catgcacttc aaacttcaag atggagggga tgccatacaa caggactatg tgatgggttt 240
 tggctgtgtc cataggaagt cacaacaggc aagggaaga aaccagaacc cagtcatgga 300
 gttaagaagt gagtcagaga gtagatgggt agggacagtg aggttaaggcc tctttctaag 360
 gaagtttggc tgaaggatag actagctgga cacatgctgg ctgtgtgggg tagagggagg 420
 aatgatggan ggtaggagag ccttgagcct gcgagaagag tctctagaat agagaagctg 480
 aggttaaagt tgtggaagac agtggggata actgagtgac agataatcan gagaagaaaa 540
 ggagatccag aatcatgacc agagagatga cctttgccaa gagcacagcc atctttcact 600
 gtcncanaga ggtaggacaa aacgattggt gttcaagaat tggggttgta gcacaatatt 660
 ttaactatgt cctttaaaaa agtttctccc ccagacacta cccaaagcca gtcctttcac 720
 tacagggggc cgacagaccn tgaaaatn 748

<210> 3455
 <211> 716
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(716)
 <223> n = A,T,C or G

<400> 3455
 tctcantnct aggctcttgt tctttttgca ggatccctcg attcgaattc ggcacgaggt 60
 attcagcttg gctggagcag aggcaggagt ggggaactgg ggacaggtga gactagaggt 120
 tggcagaaac cagccatagt agtttttgcc tcatttggac aacaaggagc catccaagag 180
 agagcgggtga agctgatggt gacacagcca tggcgcatg aaataccccc agtggctgtg 240
 ttgtagggtg tattgggttg gggagggaca aggtcaggag gcatagactc gacatcatct 300
 gatgtgattc angacagaat ggcgagcctg aagtgaagtg tctgtaggat aagttggaaa 360
 ggaaggaacc aatatgagat attaaagaag tgaaagctat aggtcccagt gccttaataa 420
 aggttaaggag taagagaaga ttcgagattg actcccagac tctccagtct gctggacatg 480
 ggagatggaa tagaagttga tctcggnttg gtcataggag agcagttact gtgttgagca 540
 tggatagcct gtcgttcccc aggagaagga ntacagcttg gctggaaatn ngcaatgccn 600
 annttgagga gatccacctt ggggtcactc ctagggggcc nacccttgna ncccttgagt 660
 agcaatcccc ccagaaanga tncaaagggc ttgannctna actttaana ancnnnt 716

<210> 3456
 <211> 712
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(712)
 <223> n = A,T,C or G

<400> 3456

tttacantag	tagctctcgt	tctttttgca	ggatccatcg	attcgaattc	ggcacgagat	60
ttgcttcgag	ggtagtgtct	tactaaaagt	taggaacaga	gacctagtgg	tgtgtccaag	120
gccgtgtcac	tttcccttc	agcacacccc	agcttctgac	ctcagagccc	aggagctgcy	180
tggacagtgt	ggggtgccag	gaggaggggc	ggtggctggt	cctcaggcac	gctgcactcc	240
cagccagaca	tggcttttcc	gtttcttaag	tagcaagtgt	aggtttcagc	tggcagttcc	300
acctgcatgt	tctctgcttc	gctgccttgg	aaggggccac	attccccatt	cctcttctcc	360
ttacagcgcc	tgccctcttt	ttcaagcagg	cggaaagctg	ctgtttctca	cgtttcaggg	420
agaggggtga	gcggagggag	acctgtgtcc	gtgccgtccg	gctccctggg	tgggaacagg	480
caagggatca	gatgcccctg	acaccacgcc	tctggcacac	canatgcctc	tgcagtcctc	540
gacagcctct	tcagtgtccc	tcctgcggtg	atgtccttac	tgtccccagc	caaggccggg	600
gaccggtgtt	tactganga	cctgcattag	aaacattttt	taaattgttg	tncaggaaga	660
gatgtgtctt	aaaacagcat	ctttaagct	gantgtattt	ctttgcacaa	ag	712

<210> 3457

<211> 664

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(664)

<223> n = A,T,C or G

<400> 3457

cacgagattt	tgccatgtgg	caagttgggt	tgtggagttg	ggcaggtgtg	aaagggtaaa	60
actccacttc	tgaatgctgc	ttctgcccc	tgggaccac	cacattgtta	gaccatcttc	120
ttgactgaaa	attctctcct	gatgetgagc	cctgcaccac	caccttcctt	ttcctaacta	180
tgaatagatg	gcaaagtcca	ctcaaaacaa	ccagtttaagt	gctcacgaga	gagtagtcaa	240
gcacctccag	aaagaaaccg	ggtttttgtt	cacatagcan	gaagtgactc	cctgggtggt	300
nattnatctt	ggaaacacag	gtagattggc	agaaaaacgg	gaacatgtag	gtaccgcat	360
gttgggtgcat	gtncattact	ttgggatagg	ctttctcagt	ctttcctcaa	atgatngttg	420
agccagtttt	ccagggggca	attctgantg	acttgcgctt	gtcttatggt	gtgggtcaagg	480
gactttcana	actacngaaa	acttttactg	anacagctga	aacaagagta	taccggcntg	540
agagcggaaga	tgaacactca	cctatgtacc	actcttttga	caatnaatnt	agtatttctc	600
aatcaagtc	tnnagactga	tcctgtctca	aaaaaaaaagc	ctntagacta	ttattgagtc	660
cgtn						664

<210> 3458

<211> 822

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(822)

<223> n = A,T,C or G

<400> 3458

atcccatcga	ttcgaattcg	gcacgagcca	tgggcggtcg	cactcccnac	anatgggagt	60
gnccagggag	gacttgctca	gccatggatn	cacaccgaen	gctgaggggg	cgcttggtca	120
cctnntgtac	catccctgtg	nctacatgct	tgcangagga	cggatggctt	actgnangaa	180
naagcngna	tgcanntctg	natgagaaca	caggcaganc	nccctctata	gaaagcctgc	240
tttggnanac	ntnntcatan	agccgagact	ncacntacnt	cacngccttg	gngaanaatcc	300
aactcgagg	gatctatgtc	ttacgttctt	gcaagcgccc	ntggagctgc	ccntgganaca	360
gtgtgccagc	cancnagagt	gntggnaag	ccccncnnan	nnaccttcaa	tcatggacag	420
cacnaancgg	ntggntctgc	gcnaangtg	ctgggtaatg	agnttacgtn	caaggttngt	480
atccactaga	gcccgangta	tcatanccnc	caaccacgta	actntgggna	atnnmaatna	540
atccaaagat	ttantngaaa	ctttaattgc	gaccantngt	aagacaccnt	ggtaaaattt	600
agcccaancn	aatgaacncc	tcnngtcttt	gcaattaaaa	taaaatnact	ggcggnntta	660
nctgcccccc	antngccat	ttctnntttt	annaaaacag	gncngttttc	caaccatttn	720
cgnccctttt	tcttaaang	ttgccttggn	ccgnattntt	aaaaantcnn	natnctaaaa	780

tagcccgana agncttttgg ancaacnttn taaccttggg ng

822

<210> 3459
<211> 715
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(715)
<223> n = A,T,C or G

<400> 3459
ggntcttcna atgctnngct ntngttcttt ttgcaggatc cctcgattcg aattcggcac 60
gaggtcacct ccactagagg gggataaaaa ggataatagg aaatcagaat attttgattt 120
gtagttcaac tgttgatcaa ttatctttga gacttttaac attcatgact aaggaggatt 180
aataattaac atgagctgta gaattaagggt ttgtatggca tgataagtat aaaccagttt 240
tgggaccgct ataattctaa aaaagcagggt agactagatg attagtgtga cacttattac 300
tgctaattct tgattgtaga acaaattttc ctatgaaaac catgttgtgt attttatatc 360
tctattagtt cgttaaaagt ttancagttt tagatgtcga accagtaaaa aacaagttgc 420
ccattctatc atttttttta ttgtggtaaa atatattta gataaaattt acgattttta 480
ccatcttaag tgtacattgg tacagtggca ttgggtacgt tcacaatggt gtacaactgt 540
catccctatc tatttccaaa gctttttcat caccctaaaca gctctatacc cactaacaac 600
aactccacat caccactcc ccagccctgg ttatctctgn tctactttct gcctctatga 660
attcggatat tccagttggn ncatataagn nggactcata taatatnngc ccttt 715

<210> 3460
<211> 749
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(749)
<223> n = A,T,C or G

<400> 3460
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gcccaggcta gtcttgaact cctgggctcg aatgatcctc ccacctggc ctcccaaagt 120
gctgggatta taggcgtaag ccactgtgtc tggcctagtg tatgattatg catgagtcac 180
gcaatgttct ggtcctggat tccaggagta gaggacctag ctttaaatca attagtttca 240
gctaaactga ctagaaccag gtcaaagtgt aattctccct ccagctcccc caaaactaga 300
gttgggggga actggaggga gcaaaacact gatttgatac tagtcagttt gcttgaaact 360
agttcaccta aagctagatc tcttaaaacc aatttactga aaacttgttt gcttaagtt 420
aatgacttaa tgactaattt gccaaaagct caattcctat tttggtgtgt ttatatccat 480
ttaggtgtcc tattcttttt tgtcatgctt tggatatttc aaggatttat atctattcat 540
ccaagagtac ttctgagcta ttatcagcaa cataaattta tcaaatttgc agcactttgt 600
aaaatgatga gaatgcttcc tacctttatg gatgtctntt tctatgggtat ctaccattca 660
aaaacttttt taaaaagttt aaaagttcta gcaataaaat ccaattggta cagacatttt 720
gggtatcatt ttttggttct taanccann 749

<210> 3461
<211> 935
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(935)
<223> n = A,T,C or G

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<400> 3461
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nntggggaac atcttcttgt ctgctggaca cctgatttgg gcccggttct ctgccattcc      120
tttctgcaat tacatgggtt tcccagctgt tttgcgcggc cttggagcac ccacagaggc      180
ggncctgtct ggcangctat gccctgggtg tgggactctt cctgcttctg ctccagcccc      240
tnacggaccc caagctctac ggcagccttc ccttttgtgt gcttttggag cgggcagggg      300
actcagaggc tcccctgtgc tcctgacctt tgctcctgga tacgctatga actctcaccg      360
gctccccagc cctncccanc aagggttact gccanggnna agnggcttgg cctngggtcc      420
ccccaanaatc tcanggaatt tattgnanng ggganttgna agcngaagc tantctacnt      480
tccccagggg acccaannag caanagtaag cnn cattttt cnnaaanggg tgcnncccc      540
cttntattga aaaggngtn gtntntatcc aangccancn ttgntnatct tgnacggng      600
accaacggcg ccctatgtnt cccangnaan cctcancann accttctact ttttactcnn      660
actntnttcc nacctncttn tncttcnatn ctttaanttt cctctnncc attnctcnaa      720
aatanacctt ctttncagng gcttnnntnt nacatcantt aaataancnc ttntttcctn      780
aaatacatcc naaacatcna accnaacctt atnccctncc ggnctttttc nacacntant      840
tgnacattct ctatatgcga actacanant taaccatttt tggacanatc tcggngnana      900
nttattttcta taatccacac taatnncann tacnt                                     935

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<210> 3462

<211> 750

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(750)

<223> n = A,T,C or G

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<400> 3462
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tcatttgttt cattcacatt cctcacgtgc ntnaacatan ttatatTTTA agaaaatgta      120
actttgttac atcaaaatat gttgtctagt aaaaagttga tattcagtag aacaaggatc      180
atgtaaataa acatctattt cacatgtacc caaaagcatt taaaagcag aatccagggc      240
ccagagcatg agccaggag gaggatgttt ttcttctttt ctctattttt ccctaaattg      300
tgcaaacata ggtgagtctc ttaaccttcc tgtgcctcag tttttctacc tctaaagggg      360
tgggatggtt cttcaaattg tttctaaaac accggcactt tcagcagtgt tctggtggcc      420
tgagatgaga gcaccgtgtt cagaagtgcc tgggagtggc acagtggaaa ctccgcttgc      480
acggaccatg gagtctgtc aggaccatgc tgtaggacac acagcctcat gcgctgagaa      540
agcaaaggaa gtgctgggtg taaaagtgc atgattccat gaagcttag ttttcctttt      600
tttggtttta aaagaaaggg ttttatatgt tctattgnaa aatatggaaa ttaaacaggg      660
acttcaagaa agccgcacag aaagatcacc ttctgatggg gtgatggtgc tctgacatt      720
cnggccgang tctgnattct gaaaaaagan                                         750

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<210> 3463

<211> 734

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(734)

<223> n = A,T,C or G

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<400> 3463
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ttcgaattcg gcacgagagt ggctggataa aaggatgtgt gggaaagaac tgagttgaaa      120
ttaggagtta gaattttatt ctttgggtact aaggaatcat tgaagatttt aaaattaggg      180
ctgacataat cagatttgag tttgggaacc tatagtttgg gactggagga agacaggtgc      240
cagacaccag ttaaaaagct gttattttct aagcagtaga caaaggttta cactgacaat      300
agctgtggag atagagaaaa gctgagagat ttcagagttt tccaaggtgt aaacaactaa      360
attttgtgat caaatgata agggccatct aataagctgg ggaatgtggg atctgtcttg      420

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gttgagttgg	tggattaact	ganattaaca	gagctggagg	aatgtaaaa	agaaaggcag	480
gattgttcat	tttgtctttt	gtttgtttnt	ggggaacagg	gtcaaaattt	tcattctgcc	540
taangtaggt	tttagtcttt	ttcaaaacat	tctagtaggc	aagtctgtag	ctgaatcttt	600
ggaagaaagg	caaccattag	taatattttt	tgaagttccc	tacctggtta	attttttcaa	660
taaaaaactn	aggttctcag	gtttagcnaga	atcatggtct	taggaagggt	ancttgtaag	720
acccaaaatt	atnt					734

<210> 3464

<211> 789

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(789)

<223> n = A,T,C or G

<400> 3464		
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ntagacaggg	tttcgcccac gttggtcagg ctggtctcaa actctngacc tcaggtgatt 180	
caccacactn	agcttcccaa agtgctggga ttataggcgc gagccaccat ggctcancct 240	
catgttcgtt	tttaaaactt aggatgggtg ctcttntaca ttgattggca ggaactcttc 300	
atattacgag	gcacttagct agntgnctgt gaaatanaat actaatgatt gaactttcta 360	
ggaagtgcct	attctgctaa tagtgnaaat atacacttat ccagggtcag naatactnna 420	
gtntaccac	ttaaangatc tagacataca tgaacttggg ctacttgcc cgttanaatt 480	
gcatacttta	naatagtcca tcaccttact taangnagat atgcntngat tatccngatt 540	
actcnntaac	atagcctctc nccttanctg tctcacctga atgtantacc tggacctctn 600	
caagtcnanc	agaggccnat aataaaagtt canaagttta nncnnnacac ccctctcccc 660	
ccnccanta	ncccaanccc ctcccannac ccctctcccc nccacnct cactcnna 720	
tccnccacc	ccaactnnn nncannect cccccacc cccnnnct acnctcct 780	
cccatncg		789

<210> 3465

<211> 757

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(757)

<223> n = A,T,C or G

<400> 3465	
ttncctcnc	ttaatccatt ccttnagcct tnntgcagat cccatcgatt cgcttttctg 60
gagggagaca	cccatctcct gcccttgga atcaggactt ttngttcttc ggcctttgga 120
ctcaggcttg	ccacagangc ctcccaggc tctcgccag tcagcctcag aatgagagtt 180
acaccactgg	cttccttggg tcaaccacct tcttacctgg actgagcctc acttacagct 240
tctctaggtc	tccagcttgc agacagccta tgggaggact tctcagcctc cataagtgtg 300
tgggccagtt	cgctaataa atcccctctc ctggccgggc gcggtagctc tcccctgtaa 360
tctcagcatt	ttgggaggca gaggtaggtg gatcacctga ggtcaggagt tcaagaccag 420
cctggccaac	atggtgagac cccctctct actaaaagta caaaaagtaa ctgggtgtgg 480
tgctgggtgc	ctgtaatccc agctactcng gaggtgaag cangagaata cttcgacctg 540
ggaggtanag	gttgagtgga gcccgagatc gagccactgc actccagcct gggtgacagg 600
gcaagactct	gtctcaaaac anatnaaaat ccctctcaa aaaaaaanac cnctcccaag 660
tttaacccat	tcanntcct taccaannga ancntctatt nancaaaana tcnnncncc 720
tncccncca	ccccnngng tcnttaatcc cnanncc 757

<210> 3466

<211> 780

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(780)

<223> n = A,T,C or G

<400> 3466

ntttcttttn	ttttccnaac	accnagccta	cttggttctt	tntgccanga	tccccattcg	60
attcgtgccc	tcaggcagcc	aaagcacttt	aacccctgca	tagggagcag	agggcggtac	120
ggcttctgga	ttgtttcact	gtgattccta	ggttttttcg	atgccacgca	gtgtgtgctt	180
ttgtgtatgg	aagcaagtgt	gggatgggtc	tttgcccttc	tgggtagga	gctgtcta	240
ccaagtccca	ggcttttggc	agcttctctg	caaccaccg	tgggtcctgg	ttgggagtgg	300
ggaggggtcag	gttggggaaa	gatggggtag	agtgtagatg	gcttggttcc	agaggtgagg	360
gggccagggc	tgctgccatc	ctggcctggt	ggaggttggg	gagctgtagg	agagctagt	420
agtcgagact	tanaagaatg	gggccacata	ncanacanag	actgttgtaa	gggagggagg	480
ggtanggaca	gaagctagac	ccaatctcct	ttgggatgtg	ggcngggang	gaaacacgct	540
tgganggtta	atttaccac	nnaatgtgat	antnatagg	ganggaagct	gctgtgggtt	600
taactcctgg	gttgncttgt	tgggtagaca	gntnggggaa	aaaggccctt	tgaattcatt	660
gtaagcncaa	gtcccaactt	ngcccctgac	tccttgccng	gnggtattng	gggaaacttt	720
ttgacncaa	accatcngnt	tgctnnctgg	accttttgca	ngccccttta	nccccntnt	780

<210> 3467

<211> 741

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(741)

<223> n = A,T,C or G

<400> 3467

caacngctct	gntctttttg	caggatccct	cgattcgaat	tcggcacgag	aagacttttg	60
aaacacacat	taaaatattt	catgctccga	acgccagcgc	accaagtagc	agcctcagca	120
ctttcaaaga	taaaaacaaa	aatgatggcc	ttaaaccctaa	gcaggctgac	agtgtagagc	180
aagctgttta	ttactgtaag	aagtgcactt	accgagatcc	tctttatgaa	atagtttagga	240
agcacattta	cagggaacat	tttcagcatg	tggcagcacc	ttacatagca	aaggcaggag	300
aaaaatcact	caatggggca	gtccccttag	gctcgaatgc	ccgagaagag	agtagtattc	360
actgcaagcg	atgccttttc	atgccaaagt	cctatgaagc	tttggtacag	catgtcatcg	420
aagaccatga	acgtataggc	tatcaggtca	ctgccatgat	tgggcacaca	aatgtagtgg	480
ttcccgcgat	caaacccttg	atgctaattg	ctnccaaacc	tcaagacaag	aagagcatgg	540
gactcccacc	aaggatcggt	tcccttgctt	ctggaaatgt	ncggtcttta	ccatcacagc	600
agatggtgaa	tgcactctca	ataccaaaag	cctaacttaa	attctacagg	agtcaacatg	660
gatgtcccag	tgttctgtat	aaaatgcaaa	ataaatgggt	tttattaacc	anacaaanaa	720
aaaaaaaaac	ntcgagccct	n				741

<210> 3468

<211> 741

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(741)

<223> n = A,T,C or G

<400> 3468

caacngctct	gntctttttg	caggatccct	cgattcgaat	tcggcacgag	aagacttttg	60
aaacacacat	taaaatattt	catgctccga	acgccagcgc	accaagtagc	agcctcagca	120
ctttcaaaga	taaaaacaaa	aatgatggcc	ttaaaccctaa	gcaggctgac	agtgtagagc	180

aagctgttta	ttactgtaag	aagtgcactt	accgagatcc	tctttatgaa	atagtttagga	240
agcacattta	caggggaacat	tttcagcatg	tggcagcacc	ttacatagca	aaggcaggag	300
aaaaatcact	caatggggca	gtccccttag	gctcgaatgc	ccgagaagag	agtagtattc	360
actgcaagcg	atgccttttc	atgccaaagt	cctatgaagc	tttggtagag	catgtcatcg	420
aagaccatga	acgtataggc	tatcagggtca	ctgccatgat	tgggcacaca	aatgtagtgg	480
ttccccgac	caaacccttg	atgctaattg	ctnccaaacc	tcaagacaag	aagagcatgg	540
gactcccacc	aaggatcggg	tcccttgctt	ctggaaatgt	ncggctctta	ccatcacagc	600
agatgggtgaa	tcgactctca	ataccaaaag	cctaacttaa	attctacagg	agtcaacatg	660
gatgtcccag	tgtttctgtat	aaaatgcaaa	ataaatgggt	tttattaacc	anacaaaana	720
aaaaaaaaac	ntcgagccct	n				741

<210> 3469
 <211> 860
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(860)
 <223> n = A,T,C or G

<400> 3469						
ggaactggct	caggctggat	tactcttgct	gctgtcttgc	tgtactgtat	gccactggga	60
tctgaacact	aaacattgct	aagaaaccca	cccaccacca	ggatatttgg	aagtaacttc	120
acatatggaa	aagttaaaga	ctcagttctt	gagaaaacaa	ttggactgat	gcgaatgcag	180
ttttggaaaa	aaactgtgga	agatatatac	tgtgacaatc	caccacatca	gcctgtggcc	240
attgaactat	ggaaggctgt	taaaagacat	aatctgacta	aaagatggct	tatgaaaatc	300
gtcgaatgana	gagaaaaaaa	tctggatgac	aaagcatatc	gtaatatcan	ggaactggaa	360
aattatgctg	aaaacacaca	gagctctctt	ctttacttaa	cactagaaat	attgggtata	420
aaggatcttt	catgccacat	catgcttgca	cgtcattatt	gnaanaagcc	ccnaangcat	480
ttgtccacct	gcntngaagc	gncaacaccc	ntnttccttg	gggaagcctt	tnnncaaaaa	540
ggcngttccc	ntttctecat	ggnnntntnt	ntcnctnttg	cctnccnttn	ggccgatttn	600
cactnacnna	angnaccttc	nnctttctcg	nnatggatat	cccaangncc	ttttnnaccn	660
nctcgnaccc	acnactgggn	taantctnac	atctgcaccc	nttctggccn	ccntcttctt	720
cggntcacct	anctccggan	ccaccnatct	cncncccat	tggctctctg	aggnttcnct	780
ctnttnnctc	tctcacatna	tntantntng	cnnccctt	ntnccgtnta	aatanttcca	840
tntctctcn	cccngntat					860

<210> 3470
 <211> 1191
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1191)
 <223> n = A,T,C or G

<400> 3470						
tgttttgttt	ttgaaccctt	tttggnantc	ccgcaggatc	cccatcgatt	cgaattcngc	60
acggagaaga	ctttgggaaa	cacacattaa	aatattctca	tgcttttnaa	cgccagcgca	120
ccaagtagca	gnctcagcac	tttcaaagat	aaaaacaaaa	atgatggcct	taaacctaa	180
caggctgaca	gtgtanagca	agctgtttat	tactgtgaaga	agtgcactta	ccgagatcct	240
ctttatgaaa	tagttangna	gcacatttac	agggaaantt	ttcancatnt	gncantactn	300
ttncatanta	caggcngggn	aannnatcac	tcaatggggc	ntgttnncnn	tangctctct	360
atnttctcn	cnntannenc	tgccancnnn	cttnnnnatn	nctnnnnnt	ntcnctnncc	420
cccttaattc	ccgntnnant	ngcanntnct	cnanctanc	nactnanatg	nactcatatn	480
tttcacnenc	cctgccntat	tcatcaacan	nnnngntanc	gcatttnnct	cactctatnt	540
ctctctnntn	ncnnntttnt	ntntcgatat	ctcttnnacn	cactacntnc	ctctctnact	600
ctcanantac	tctntctct	ctactcttca	nacngtnntn	aancctctct	atctatcnca	660
cntnnnatat	acancacnct	ctctactanc	acantctcn	catcagactc	tcntctantc	720

acanaacgac	ctncncteta	ctnttaccga	ngnagtcncc	ntctccnntt	acttnaatnc	780
cacnnntca	ctnnccnate	cnnctatntc	gcatnnatnc	actcactent	tcnatnctta	840
tntntncnc	ntctctctnt	ntccnantga	ngatacatat	gtccanactc	nancnttccn	900
atcnnctenc	tgctnttntn	cactntctcn	tntcaccntc	tannacatcn	tctctntcnn	960
acgttanata	caatacgctn	tntacctctc	tattnttntc	tgacacanat	ctcctcctca	1020
ccactcactc	tgntcacgta	tctgcgaaca	ctancancnc	cgtctcacct	ntnanatcgn	1080
ctctacantc	tctnactact	actctctcac	tctctctctc	acanctntca	catctctctc	1140
tacctctcca	cgcntntatac	atatacctcc	tncactcctc	tnanngtntt	t	1191

<210> 3471

<211> 736

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(736)

<223> n = A,T,C or G

<400> 3471

ttacctttag	ctcccgnctc	ttttgcagga	cccatcgatt	cgaattcggc	acgaggggcta	60
acttgccctg	ttttactatt	gatgtttg	tctgtgtcc	ttaacacttt	aagcagctgt	120
tctcacctaa	aggctaata	ttttaagtaa	gtttcttttt	ctttttttta	tttaaaaatt	180
aaaaaatttt	taattaactt	tttttaaatt	aaaaaaaaatt	attaattatt	tttaaatagac	240
aggatcttgc	tatgctgtcc	aggctggctc	tgaactcctg	gtctcaagt	atcctcctgc	300
cttggcctcc	caaagtgtcg	gtattacagg	tgtgagtcac	tgacacctggc	caagtttatt	360
ttttctgtat	acatttcttc	agccacttca	atcaaacatt	taattaacat	gctataatga	420
atgacttttc	ttactaggct	aacaaatgag	gcacttggaa	acttacttta	gttacagcct	480
cactttcttt	ttttgngagg	aaattctgtg	ttgacatact	ctttaatttc	tttttacctt	540
ttctgactga	ttttctgtaa	tttggaata	ttgngatgac	tgcttattct	aataatatta	600
acatatagca	ttcttttagc	acataaatag	tttcatttgc	atagtaagcg	ccaggctttt	660
ccatcgaatt	ttgatnaaaa	taatccatgc	ttcatggtac	cttagagatg	ggatatttta	720
aggcctctan	aactan					736

<210> 3472

<211> 750

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(750)

<223> n = A,T,C or G

<400> 3472

nttttgata	ctttncctt	ntctcaggcc	tttttgagg	atccctcgat	tcgccacgac	60
tcatttggtt	cattcacatt	cctcacgtgc	ntnaacatan	ttatatatta	agaaaatgta	120
actttgttac	atcaaaatat	gttgcttagt	aaaaagttga	tattcagtag	aacaaggatc	180
atgtaaataa	acatctat	catatgtacc	caaaagcatt	taaaaagcag	aatccagggc	240
ccagagcatg	agccagggag	gaggatgttt	ttcttctttt	ctctat	ccctaaattg	300
tgcaaacata	ggtgagtc	ttaacctttc	tgtgcctcag	ttttctacc	tctaaagggg	360
tgggatggtt	cttcaaatg	tttctaaaac	accggcactt	tcagcagtg	tctggtggcc	420
tgagatgaga	gcaccgtgtt	cagaagtgc	tgggagtg	acagtggaaa	ctccgcttgc	480
acggaccatg	gagtcgtc	aggaccatgc	tgtaggacac	acagcctcat	gcgctgagaa	540
agcaaaggaa	gtgctgggtg	taaaagttgc	atgattccat	gaagctttag	ttttcctttt	600
tttggtttta	aaagaaagg	ttttatatgt	tctattgnaa	aatatggaaa	ttaaacagg	660
acttcaagaa	agccgcacag	aaagatcacc	ttctgatggn	gtgatggtgc	tcctgacatt	720
cnggccgang	tctgnattct	gaaaaaagan				750

<210> 3473

<211> 847

<212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(847)
 <223> n = A,T,C or G

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<400> 3473
tcttttcnan anctcnngcc ttctgcaggn atcccatcga ttcgccacga ctcatttggt      60
tcattcacat tcctcacgtg caacaacata attatatattt aagaaaatgt aactttgtta      120
catcaaaata tgttgtctag taaaaagttg atattcagta gaacaaggat catgtaaata      180
aacatctatt tcacatgtac caaaaagcat ttaaaaagca gaatccaggg cccagagcat      240
gagccaggga ggaggatggt tttcttcttt tctctatttt tccctaaatt gtgcaaakat      300
angtgagtct cttaaccttt ctgngcctca gtttttctac ctctaaaggg gtgggatggn      360
tcttcaaant gnttctaaaa caccggcact ttcagcagtg ttcnggtggc ctgagatgag      420
agcccgtggt cagaagtgcc tgggagtggc ccactgggaa actccgcttg cacngacct      480
ggagtctgct cangacctgc tgtnggacca cacancctna tgcgctgnga aagcanaagg      540
aantgctggg ngtaaaagtt tgn cattgat ttccttngan gccttttnaa nncctcccnc      600
ttcttttttg nntttaaaaa aanaaaaagg ggtntnttat cantggntcc nnttttcggn      660
aaaaaantnt tgggcaaaac ttttnaaacc naggggggnc cttntccacg caaaaagccc      720
cgcacccagg nnaacngnaa tttccccctt tncnggnat gggctcngtc ggaaatgcng      780
ccttncctcn ggaaccantt ctcgggcccc naannggttn nnggccnatt tcncctggna      840
aaaaann                                           847
```

<210> 3474
 <211> 847
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(847)
 <223> n = A,T,C or G

```
<400> 3474
tcttttcnan anctcnngcc ttctgcaggn atcccatcga ttcgccacga ctcatttggt      60
tcattcacat tcctcacgtg caacaacata attatatattt aagaaaatgt aactttgtta      120
catcaaaata tgttgtctag taaaaagttg atattcagta gaacaaggat catgtaaata      180
aacatctatt tcacatgtac caaaaagcat ttaaaaagca gaatccaggg cccagagcat      240
gagccaggga ggaggatggt tttcttcttt tctctatttt tccctaaatt gtgcaaakat      300
angtgagtct cttaaccttt ctgngcctca gtttttctac ctctaaaggg gtgggatggn      360
tcttcaaant gnttctaaaa caccggcact ttcagcagtg ttcnggtggc ctgagatgag      420
agcccgtggt cagaagtgcc tgggagtggc ccactgggaa actccgcttg cacngacct      480
ggagtctgct cangacctgc tgtnggacca cacancctna tgcgctgnga aagcanaagg      540
aantgctggg ngtaaaagtt tgn cattgat ttccttngan gccttttnaa nncctcccnc      600
ttcttttttg nntttaaaaa aanaaaaagg ggtntnttat cantggntcc nnttttcggn      660
aaaaaantnt tgggcaaaac ttttnaaacc naggggggnc cttntccacg caaaaagccc      720
cgcacccagg nnaacngnaa tttccccctt tncnggnat gggctcngtc ggaaatgcng      780
ccttncctcn ggaaccantt ctcgggcccc naannggttn nnggccnatt tcncctggna      840
aaaaann                                           847
```

<210> 3475
 <211> 694
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(694)
 <223> n = A,T,C or G

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<400> 3475
gttacgctac tgggtgttcaa ttattagttt gtaccatttt taatttatgt cagttgatgc      60
atctgaaaat aagtgccttg agtggttcgta cccttatttt ttttaagatt cctagaagga      120
atcttnggtt aattcagatt gagcanttaa agtttttgcgt atttaccttt gtgcaggctg      180
gcatatgcta atttgggggt ggtaaccaac cgatttttacc tcatgtaagc attacatttt      240
gaagactgaa tatacttcac agcagatcaa acacatttat ggcatgcact gacctcttct      300
tggagccag aactttatag agttgcctac cagggtttac tgnatggaa tttatgatct      360
taagaaatta ctagttgcat tatttatccc tatgattcat tcattcaatn aagcmtttac      420
tgcataaact ttacatccng cactgtagct taagtntccc aaaaattgaa tngnanntaa      480
ttngtctntt cganaattgc ccaacgcnnn gccaggcca ccggtggntt naccgcctgt      540
nggtccccag cnttntctcg ggaangccn agcctntccg gancccnag ttcnnnaaaa      600
tccagacnt ccctggntaa cncctgtaaa aaccccggtc tnttantaat aatncanaag      660
atttancntn ggccttggtt ggcncctccc cncn                                     694

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<210> 3476

<211> 760

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(760)

<223> n = A,T,C or G

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<400> 3476
tcttttnttn ccttttcgnt cntgttcttt ttgcaggatc ccatcgattc gttcaccatc      60
tatgtcctct ggacgctggt ctcttccgc taccactgcc agctgtactc cgagtggaga      120
aagaccaacc agaaagtctg cctgaagatc cgggaggcgg acagccccga gggccccag      180
cattctccac tggcagctgg actcctgaag aaggtggcag aggagacacc agtatgaatg      240
ctgggctctc cggaccctgc agcagagagg ccagaggtag ctggtgatac cctgtcctgt      300
ggaaggactt ccacttcaac acttccactt caacagttcc cgcacggcct gaacgcttct      360
taggccaaga gacaccatgc ggagcctagt ctgtgatcct gtgtgaagat attttcaggg      420
tttttttttt tttttgcata tggaggacag gtggacattg tcttgagctc tggacggagc      480
angcacctg atctcattct gaggtccaca tggcaccttc tgggccagca gctgtggccc      540
ngtgtatcaa agggcgcccc ttaaagctgg aacattccac aagcttcttg cgctttntg      600
caccngcag gccactttc ctggcaccct cgantttata taaaagttg ccctgcgttt      660
naaaaaaacc acccctgaa tgaattaaaa nggagccct ggcttggaat aaanaaaac      720
atctnncnt nnntatcncn naaaananaa ccnnngcct                                     760

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<210> 3477

<211> 762

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(762)

<223> n = A,T,C or G

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<400> 3477
tntatnttn tttccaancc tttgctactt gtctntttgc aggaccatc gattcgctgg      60
aaacctttac cagaaagtga cgggcaagga ctgagatacg agggcctgat gggcaaacc      120
agcatcctca cttaccagta tgccaggagc ctgatcaggc gacaggcgga gaggcggggc      180
tgggcccggc ccatccggaa gctctatgct gtgggtgata accctatgtc tgacgtatac      240
ggcgccaacc tgttccacca gtacctgcag aaggcaacgc atgatggggc gccagaacta      300
ggggccgggg gcacacggca gcaacagccc tcagcaagcc agagctgcat ctccatcctg      360
gtgtgtacag gctgtacaa tcccaggaa ccaagtcga cggagcctgt ccttgaggga      420
ngggagcctc cattccacgg ncaccgagac ttatgcttca ntagggactt tgaaatgggg      480
gaggcagtgt ggaatactgt ggatgtctgt gcagagcctt tgccggcact gaaggcatgc      540
agcctgtcgg cagagtgtct taacaccagc atgcctactt tttactgnat ntagtttat      600

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tgcccgagaga	tggtggggct	ttttttttta	aataaaataa	tcataattaa	atgttcatga	660
aaananaaac	atnttcnaaa	aaacttcnag	cctctngaac	tntantngag	tccttatnac	720
ctncatncca	gancttgnta	aggattccat	tgatgaagtt	tn		762

<210> 3478
 <211> 1191
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1191)
 <223> n = A,T,C or G

<400> 3478						
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acggagaaga	ctttgggaaa	cacacattaa	aatattctca	tgcttttnaa	cgccagcgca	120
ccaagtagca	gnctcagcac	tttcaaagat	aaaaacaaaa	atgatggcct	taaacctaag	180
caggctgaca	gtgtanagca	agctgtttat	tactgtaaga	agtgcactta	ccgagatcct	240
ctttatgaaa	tagttangna	gcacatttac	agggaacntt	ttcancatnt	gncantactn	300
ttncatanta	caggcnggnn	aannnatcac	tcaatggggc	ntgttnncnn	tangctctct	360
atnttcntcn	cnntannenc	tgccancnnn	cttnnnnatn	nctnnnnntt	ntcncntncc	420
cccttaattc	ccgntnnant	ngcanntnct	cnanctanc	nactnanatg	nactcatatn	480
tttcacncnc	cctgccttat	tcacaaacan	nnnngntanc	gcatttnnct	cactctatnt	540
ctctctnntn	ncnnntttnt	ntntcgatat	ctcttnnact	cactacntnc	ctctctnact	600
ctcanantac	tcttntctct	ctactcttca	nacngtnntn	aancctctct	atctatcnca	660
cntnnnatat	acancacnct	ctctactanc	acacntctcn	catcagactc	tcntctantc	720
acanacgatc	ctncnctcta	ctnttaccga	ngnagtcncc	ntctccnntt	acttnaatnc	780
cacnnntca	ctnnccnatc	cnctatntc	gcattnatnc	actcactcnt	tcnatnctta	840
tntntncncc	ntctctctnt	ntccnantga	ngatacatat	gtccanactc	nancnttccn	900
atcnctcnc	tgctnttntn	cactntctcn	tntcaccntc	tannacatcn	tctctntcmn	960
acgttanata	caatacgctn	tntacctctc	tattnttntc	tgacacanat	ctcctcctca	1020
ccactcactc	tgntcacgta	tctgcgaaca	ctacncantc	cgtctcacct	ntnanatcgn	1080
ctctacantc	tctnactact	actctctcac	tctctctctc	acancnttca	catctctctc	1140
tacctctcca	cgctntatac	atatacctcc	tncactcctc	tnanngtntt	t	1191

<210> 3479
 <211> 756
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(756)
 <223> n = A,T,C or G

<400> 3479						
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aattcggcac	gaggcctgcc	agaatggaag	catcacagatc	tgccagccgaa	atttgactgt	120
tcacccctaag	ttccactata	aacaggctca	tgactcgggc	acagacactt	tttgctgac	180
ttntttccta	tgatggtaaa	tgtnccctgc	ctctcntgna	ngtgacgatt	cattaaantt	240
atgggacatc	cgacaattta	ataaaccact	tttttcagcc	tcgggtcttn	ccaccatggt	300
cccaatgact	gactgctggt	tcagtccana	tgataagctc	atagtactg	gtcatctatt	360
caaagaggat	gtggcacngc	aaacttggtt	tccttgagcg	tangactttc	caaagggtgt	420
atgaaataga	catcacagat	gcnantgttg	ttcgctgcct	gtggcatcca	aagctgacca	480
gatcatgggt	ggaactggaa	atggattggc	taaagtctat	tacgtcccn	acaagagtca	540
gangggagca	anattatgtg	tggtgaaaac	ccaacggaag	gcaaacaagc	tgagactcta	600
ctcaggacta	catcataccc	ctcatgcctt	gcctatgttc	gtgagccngc	cacggagtac	660
aaggaaacag	tgagagaaag	canactggat	ccctgaatcg	cataaacctg	aacttctgta	720
ccaggcccag	ggcntgggtg	ccanttgga	cccacg			756

<210> 3480
 <211> 737
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(737)
 <223> n = A,T,C or G

<400> 3480
 tacagctctt gttctttttg caggatccca tcgattcgaa ttcggcacga ggaaaacatc 60
 taactaagat ggtttctactg gtgaattcaa tcaaatatctt aaggaacaca taataccaaa 120
 accataacac atncaaant atggcccttc agattttgtt cttcttttng ggtcagtgtt 180
 aataatacgt atctttcaaa gaatatcccc cttttttttt ggtagagata ggggttttgc 240
 catgttggtg gtagcaagcc ctaaccctgt cataaacagg ccttaaataa actggccata 300
 aacaggattt ctgcagcaat gggacatgct catgatggct gtcatgcaca ctgcgaaaag 360
 ttgttggttt actggagcag ggcaaggaac acctggcccc gcccgagca aaaaactgtc 420
 aaaccacaaa cgatagcagg aaaggcctgt gccttggcag catgtttttg ctgcagataa 480
 tcagccagag cctgtttctc tgcctctcgc tgagattgct ttgtttccca taaagattgc 540
 ttttagctaa tctacaatct atagaacaat gcttatcact gctttctgtc aataaatgtg 600
 tgggtcaagc tctgnttggt gctctcagct ctgaaaaaaa aaaaaaaaaa aaaaactcga 660
 gcctntaaac tntgngagtc gnttacctan atccagacnt gataggatcc atgatgagtt 720
 tgncaaccc nactng 737

<210> 3481
 <211> 760
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(760)
 <223> n = A,T,C or G

<400> 3481
 ttgaaancc cttagctctt gttctttttg caggatccca tcgattcgaa ttcggcacga 60
 gattcgaaca tatgcagtta ttccactaaa tgatgaatgt gggattattg aatgggtgaa 120
 caaactgct ggnttganac cctantctgg ccnaactatt ttaagaaaan gggngtggtt 180
 tttgaacagg aaaagaacct tcgcccgtg gtatgcctcc aaangcagca actttatctg 240
 gaaaactcaa angtattccg agaatttctt ctgnccaggc atcctcctat ttttcatgan 300
 tggtttctga gaacattccc tgatcctaca tcatggtcag tagtagatca gcttactgcc 360
 gttccactgc agtaatgtca atggttggtt atattctggg gcttggagac cgtcatgggtg 420
 aaaaatttct ctttgattct ttgactgggt aatgcgtaca tgtagatttc aattgncttt 480
 tcaataaggg agaaaccttt gaaagtcca gaaattgngc catttcgcct gactcataat 540
 atgggtaatg gaatgggtcc tatgggaaca ganggtcttt ttcgaaaaca tgtgaaagta 600
 caatgangct gatgcctgat cancgagagc ctttaatgag tgncttaaag acttttctca 660
 tgaaccntt ggggaatggg gtaaaccatg naangggcnt tccaaacgcc ctttgatga 720
 aacctggaan aattgncaat gaaaaggcca aancnttnt 760

<210> 3482
 <211> 752
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(752)
 <223> n = A,T,C or G

<400> 3482

tatnnataca	agctacttgt	tctttttgca	ggatcccatc	gattcgcaca	gttctgcatg	60
gctggggagg	cctcacaatc	atggtggaag	gcaaggaggt	gcaaaacat	gtcttcacat	120
atgggcaagg	caggaaaaac	cntgtccagg	ggaacctcca	nttattaaac	cnntcaaact	180
tcattgaaga	attaatcact	taccacgaga	accagattgg	gggaaccatt	cccatgaatc	240
aattattctg	cacctggccc	caaccttgac	acgtgggaat	tattcaatgc	cagggtgaga	300
ttgggtgggg	acccatccaa	ctatgtcaag	tatgttttga	cttctggctt	gattgctang	360
tttgcataga	ngacaaacat	ggaaattaat	gaagtacctt	aatatctggc	ttcagatctt	420
agacaggatc	aganggccag	ctcaaatttg	caaggagggg	aggtagatcc	caccatttta	480
tgggctatgg	caaaatcaaa	cagaaattat	gtgggatggg	agatctgatg	cangcatctt	540
tggaaacatc	tacttagcta	attttatgct	aggctttagg	tcaagaagga	gagaaaaagc	600
tgcattgctg	ggtacacact	tattgtccca	ncgacttggg	aaactnangc	aggangattg	660
cttgatccca	agaatttgan	gtaatgtgcc	aagaaccgtc	ttngaatag	ccctaccctt	720
gaactcaact	tgggcaacat	tganaaaccc	tn			752

<210> 3483

<211> 783

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(783)

<223> n = A,T,C or G

<400> 3483

gnnnnnttnn	nnnttttaan	ccttttagcta	cttggtcttt	ttgcaggatc	ccatcgattc	60
gaattcggca	cgagaggcgt	ccttgcgga	agggcatttt	agctgaggct	ttggagtacg	120
aataggagct	cagcaggcag	acgaaatgaa	ggaantaaag	gtcagaagaa	aggtcagaag	180
cttgagtgc	gttttgga	tccaccccg	tttatttgg	agaacttggg	ggttcaaaag	240
ggccagggtg	ctcagaat	gaggcccaca	cagtgaggtc	tgggtgggtt	gaaagggacc	300
caggaaccga	ggcggttcag	aaagcaggtt	gtcagagcta	tgtggagtct	gtgggtggca	360
ngggcaaccg	ctccagcctt	tgaagacttt	gaaagccaga	gattcctgcg	cangcttgga	420
cttctggga	gctcctcaa	gtacccaagg	gcacagagc	tgccctgggtg	ttacatggcc	480
caaggaaccc	agggttcang	taggacaggc	aagaccagat	cccaatgtgc	aaagtgaaaa	540
cactgggctc	ctgttaaacg	atgaagaatt	caagacagtg	acagcattac	gtcaccctcg	600
gggacaaang	tcaacctaag	gtgacacacg	gggactactg	tgctttcgga	ngctnctgt	660
gtcctggagg	anaaaagctt	tanagggggc	aactggacaa	cttccacttg	caaaattcca	720
accttgcttg	ggcaaggncc	cngnctggga	ctnaacattt	ttgatatgcc	ttaaaaatta	780
ttt						783

<210> 3484

<211> 733

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(733)

<223> n = A,T,C or G

<400> 3484

tacangctct	tggtcttttt	gcaggatccc	atcgattcga	attcggcacg	agggaaacct	60
gagaaccgaa	gctagaattg	ctattgaatt	actttatttt	ctcttcctta	ttgggtagag	120
atacatcatt	actggcctca	ggggtttacc	caaagaaagg	gtatttttga	gcaaataatg	180
tgatttcctg	gctattttgt	tgggggctta	agattttttt	ttttcaaagt	catttttagt	240
cactaaaaat	taactgtcgt	accatctaga	actatactgt	ccagtaccat	agcctctagc	300
cgtatgtagc	tatttgtatt	aagattaatt	gaaattttta	atccagttcc	tcagtcacac	360
tagccacttt	ctaagtgtc	agtagctctg	tgtgaccagc	ggctactgta	ttggatatta	420
tagaagggtc	tttcattcaa	gatcatcatt	cttgacagac	ccataaata	ttcctataaa	480
gactgtagaa	gtgtgttctg	gaggggttgc	tctccaaaaa	gaattgta	atagagtaga	540
attgggatag	agtattgaag	acactgggtt	tagacattgg	atatttta	gattggngg	600

tctaatacatg	tgctgcaact	gagttatcta	gngatatgac	ctcctgcttg	ccaaagccng	660
aattnaagca	ggattcctga	atctatctta	aaattgcaat	gaaaaccttt	tccctaaaaat	720
atcccttttg	taa					733

<210> 3485
 <211> 806
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(806)
 <223> n = A,T,C or G

<400> 3485						
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ancccttngc	tgcaggatcc	catcgattcg	gcagcgaccc	aggtgggttt	aggagaaaac	120
ttgatagcca	cagccctttg	tctttctggc	agtgggtctc	agtctgattt	gaaggatgtg	180
ggccagcaca	gcaggagagg	agggggacac	aagccttcgg	gaagagcctc	catccagtca	240
ctcggctctt	taaggcaggg	tgccatacta	agcagcttgc	ctccaggaat	tgctctgaag	300
agaaatcccc	acaaacctcc	atcctaaagg	aaggtaacag	gggacacaag	cttggatttc	360
cgacctgtag	tgtctccagc	aaatgggggt	gaaggagtcc	cgagtggatc	aggatgatga	420
tcaagatagc	tcttctctgaa	gctttctcag	aacattgctg	tcagactgac	tttaagacag	480
ctgattcaga	ggtaaacaca	gatcaagata	ttgaaaagaa	tttggataaa	atgatgacag	540
agagaaccct	gttgaaagag	cgttaccagg	angtctctga	caaacagang	caagtgggag	600
aatcagcttc	caagtgcaat	taaagcactt	cagcaaagga	gagaaganga	aatgaagaat	660
cccaggagat	attaaaggct	atcaggatgt	gacaattaaa	ccgggaagaa	acaaagaaga	720
agattgagaa	agagaanaag	gagtttttgc	aaaagganca	ggactgaaag	ctgaaatgaa	780
aaactttttg	aaaaggccaa	aggtan				806

<210> 3486
 <211> 792
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(792)
 <223> n = A,T,C or G

<400> 3486						
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tcgaattcgg	cacgaggcat	aacgaaccta	accctcagag	gtttaccaag	attcaaaaaca	120
cgaaactgac	catgaaaccg	ggacgggcat	ttgggtcaag	tgcggtgncc	agtctttggg	180
aaggtgggtct	tcgggcaacc	cacttctttc	aaccaatttt	cacaagtggg	aacaattggg	240
gcgggccttc	cgctgtgggc	ccccttcggg	ggcttgacac	taatgggaca	gaagctctcg	300
gtgcccgaag	gattgcctgc	caganggact	tgaccacagc	ctggctggca	actgctctgt	360
ggaggacctc	caggactgag	actgggctct	ggtttccaag	ggtcttcaact	aggcccccta	420
ctacacctgg	aagtttcaga	acccactttg	gggggcctcc	tgectgggca	ggctcttcaa	480
gtgtggccct	ctttggagtc	aaccctnctt	tccgaccccc	ttccccctagc	ccagccccag	540
tcactgtcan	ggtcgggcca	acccctgcac	tgecttgcan	antggcctgg	gctaggtcac	600
ttcacctntc	tggcctaatt	tnccccctat	agtcctaaag	gcctggaagg	tggaagatat	660
gtctangggg	caatgtcttt	ttcangggga	attctaactn	ttgggaaccc	ccttggtcca	720
aggaagggn	aacctttttc	attcaacatt	gtaggggcna	agctttgtgc	gccccctgtt	780
aggancaaac	cn					792

<210> 3487
 <211> 760
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(760)
 <223> n = A,T,C or G

<400> 3487
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 attcgaattc ggcacgagga aaacatctaa ctaagatggt ttcactggtg aattcaatca 120
 aatattttaag gaacacataa taccaaaacc ataacacata caaatatatg gcccttcaga 180
 ttttgactct ctttttgtgt cagtgttaat aatacgtatc tttcaaagaa tatccccctt 240
 ttttttttgt agagataggg ttttgccatg ttgttggtag caagccctaa ccctgtcata 300
 aacaggcctt aaataaactg gccataaaca ggatttctgc agcaatggga catgctcatg 360
 atggctgtca tgcacactgc gaaaagtgtg tggtttactg gagcagggca aggaacacct 420
 ggccccgccc ggagcaaaaa actgctcaaa ccacaaacga tagcaggaaa ggctgtgccc 480
 ttggcagcat gtttttgcgt cagataatca gccagagcct gtttctctgc tcctcgctga 540
 gattgctttg tttcccataa agattgcttt tagctaactc acaatctata gaagcaatgc 600
 ttatcactgg ctttctgtca ataatgtgt gggccaagct ctgtttgtng gctctcagct 660
 ctgaaaaaaa aaaaaaann nnnnnnnncc tcgagcctnt aaaactatag ngagtcgtnt 720
 tacgtanac cagacatgat aaganccatt ggtgagtttg 760

<210> 3488
 <211> 752
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(752)
 <223> n = A,T,C or G

<400> 3488
 gnnntntnnn nnnntntatn gctnaagct acttggtctt tttgcaggga tcccatcgat 60
 tcgaattcgg cagcaggtcc aggccttctt ctgatggcca acccaccttt aatgctggcc 120
 agtctatctc acacaaagt ctaagttttc caggtgtcat agtaactcca tagtctcctt 180
 aaatcccttt ttgaaatttt tcaacatagt tctagtggg atgggcttac tttgtgcctg 240
 acccatgttt tctcaagaca aaacaccatg gcaggaacag ccacttgcct ctgggtcccg 300
 tgccacactg cgggtgcttg tgtggttggt gagcctgtcc ctgcgcgcct tgcctccggt 360
 gagccacgct gtctggtggg tgattctctg cctgagccac caccctggac tggccagtct 420
 ccagagctgg cacaccctgc tgttttctct ttttagacac aacagccgca gtttgccagc 480
 cactaagtcc caccagctga ggtccgagga aagcggggtg actcatttcc cttgtcaggg 540
 cccgaggaga gtgaggtgtc cagcctgcaa agctattcca gctncttggt gttggttgca 600
 ataaattggg atttaacaaa caaaaaaaa aaannnaaaa aaaaaaaact cgacctntaa 660
 actatagtga gtcgattact anatccagac atgataagat ncatgatgat ttggacaacc 720
 cacttgaatg cntgaaaaa atgtttnttt nn 752

<210> 3489
 <211> 761
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(761)
 <223> n = A,T,C or G

<400> 3489
 cgtntttttn nccnannga aagcccttgg ctacttgntc tttttgcagg atcccatcga 60
 ttcgaattcg gcacaggat cagcccacct cggcctcaca aagtgtggg attacaggcg 120
 tgagccacct tgcccacca catcatcacag ttgaaatgaa actttgccac aaccagcctt 180
 tgctgtacac acacatatat cactgaacct ggttgaaata aagntttttt tctttttcct 240
 ctgggtattct gggttctgaa gtctggtatt ctggtattct gggttcaaaa gtatgacttg 300

agagtgttgc	tctggtattc	tgagagttgc	tctgtattct	gggttctgaa	gattatttga	360
aaaataaact	ctactacatt	gaaatgcaga	cttaaaaatt	taaacattgg	attaggcagt	420
caaaaaaacc	aagcaagcat	aaaaggtcaa	taagttgtaa	tcttgatagt	aaaggtggaa	480
aacttattat	aaatggaaag	aaagtttatt	tctttttttg	gttgatgggc	agtatgcat	540
attataccca	aagttctttt	aaaaaatatt	tccatcacca	tttttattta	aaataaacat	600
ttgagggaag	taccaaggca	gcttttttcc	tcaaaagtac	ctggctctct	ttgggaatag	660
cacattttan	gggcattggg	taatcctgag	attttactca	ntaaatcctg	atggtactgg	720
gtgtaaaata	tctttagtn	gattgaaggc	cttgnngggg	a		761

<210> 3490

<211> 805

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(805)

<223> n = A,T,C or G

<400> 3490

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ccgggggaca	cggttgctgc	gttttcggcg	ggcttcggcg	tcaaaaatgg	ctgggggcttg	180
cgaattctnc	tgggctactn	cgtaggcana	anggccantt	tgggccccga	agttctgggn	240
gtcgaaattc	ggccggacgg	gaagcttang	atatccacca	ccacaaattc	caaaaatgat	300
gtgatgatca	gaaaaagaag	cttatgtgcc	caagaatgta	atgggaaaga	actgaagaga	360
attattgatg	acagtgaat	tacaaaagaa	gatgatgctt	tgtggcctcc	cctgataggg	420
gttgggccga	caggagcttg	aaattgtaat	tggagatgag	cacatatctt	ttaccacatc	480
aaaaataggt	tctcttattg	atgtaaatca	gtcaaaggat	cctgaagcct	tcgagtattt	540
tactatttgg	tcaagacttg	aaatgtttag	ttttcaatct	tattggatta	cacttcaaga	600
ttaaaccaat	ttaaattgna	tgttttcang	ctggttgat	atttaattaa	gggatgggaa	660
gggttatttg	gcatttacag	tattgggggt	tttatgaatg	tgaagcaaac	aaaaaaaatt	720
tgtatgtaaa	ctggaaatta	ggaaaatccn	ttaccaagct	taatgggtat	ccttacttga	780
gtccacatgg	gttggcagtc	cccan				805

<210> 3491

<211> 805

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(805)

<223> n = A,T,C or G

<400> 3491

gnntttaaan	cnntttttnt	nnnanacagg	ctacttgctt	tttttgcagg	atcccatcga	60
ttcgaaattc	gcacgaggcc	tgggaaagcg	tggcgcccat	gaatatccgc	aggagcacgc	120
atgacctgg	gggcatgga	cgggatgggt	tgtaccccg	ggggggtaaa	cgaacgggta	180
gcttncaacc	ttcaacttcc	attcgangaa	agtacaaacc	ccgangganc	aacaaagtgg	240
ggtgggccc	attcctggca	ttgtttcaac	ccgggcgcaa	gcaagtgtgg	ggttgtgggc	300
gggtgcttgg	aagctgcttc	aatttcccc	nccgncatcc	ttccccgacg	cttgtcccgt	360
ggccctccac	caagcctctt	gacccacct	ccaccagaag	ccttgacagc	ttccacatgc	420
cttaaggggg	accgtggccc	ccaccagggg	acgtcctgcg	ccatccgttc	acgtctcttg	480
catcattcct	tcatgtcttt	atttagttgn	ttatttattt	aagttattta	tcttattgag	540
agggtgagg	tgccacggct	gcccgtttac	acctttagcg	tctggctcctn	ctgcgtgtcc	600
tcccttcact	ggctgcatgg	ggggcccggg	gagtgacaag	cnggggcctt	accggcccaa	660
ggcccgttgc	ctgctnaaac	cttgcanget	gtggagcaag	aggcctgggt	ctttcnaaca	720
ctgcagaccc	acttgaattt	gcacatgcgg	ggtcccggga	agggtgggaa	caagtgtcct	780
tctgtcgtcn	nnttgccgng	tgcca				805

<210> 3492
 <211> 795
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(795)
 <223> n = A,T,C or G

<400> 3492
 ggctactngn nngtntttgn angcnntttt nantatacag ctacttggtc tttttgcagg 60
 atcccatcga ttcgaattcg gcacgaggna atgacattca tgccagttct tccttgaatg 120
 gcagaagcac tgaagaagta aagcccatcg gtgaaaacct ggggccaaac tgggaaatct 180
 gntgggtgnc tccccccang ntttaaagga gatcaatgtn gaaanggtan cnggattcaa 240
 catttggnc aagccgattca agaacagtga aagttattgn ggatcttatg ggaccaatct 300
 gggccaagaa gaagtctttt agacagcttt acgtccaaca atgggacca tttcaagtat 360
 tacttgggtg ggcattccag tcaacccatg gaaaattctg gatttcgtga agatattcaa 420
 gtacctctcg gaaatggcaa cattgggaat atgcaggttg ttgcagttga aggaaaagg 480
 gaagtcaagc atggaggaga agatggcagg aataacagcg gagcaccaca ccgggagaa 540
 caggcggaga aactgacgaa ttctctaag ttagaagang aaagangaca taggatgcaa 600
 cactttgagc gaaggaacca aggcccgga ggtgggaant ggangtgatn ggganccctt 660
 gggcttcgac cagaaggtcc cgangcagcc tcaatgacca natcgctcg tgctgatgaa 720
 actgcaggag gacatgcnaa atgtccttta aagactgcag aaactggnaa ccctactgnt 780
 tttcaggcna aaaaa 795

<210> 3493
 <211> 734
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(734)
 <223> n = A,T,C or G

<400> 3493
 gcttgnctnc tnccttttca aatngctnng ctactngttc tttntgcagg atcccatcga 60
 ttcgaattcg gcacgagagt ggctggataa aaggatgtgt gggaaagaac tgagttgaaa 120
 ttaggagtta gaattttatt ctttggtact aaggaatcat tgaagatttt aaaattaggg 180
 ctgacataat cagatttgag tttgggaacc tatagtttgg gactggagga agacaggtgc 240
 cagacaccag ttaaaaagct gttattttct aagcagtaga caaaggttta cactgacaat 300
 agctgtggag atagagaaaa gctgcgagat ttcagagttt tccaaggtgt aaacaactaa 360
 attttgtgat caaaatgata agggccatct aataagctgg ggaatgtggg atctgtcttg 420
 gttgagtttg tggattaact ganattaaca gagctggagg aaatgtaaaa agaaaggcag 480
 gattgttcat tttgtctttt gttgtttnt ggggaacagg gtcaaaattt tcattctgcc 540
 taangtaggt ttagtctttt ttcaaacat tctagtaggc aagtctgtag ctgaatcttt 600
 ggaagaaagg caaccattag taatattttt tgaagttccc tacctggtta atttttcaa 660
 taaaaaactn aggttctcag gttagcnaga atcatggtct taggaagggt ancttgtaag 720
 acccaaaatt atnt 734

<210> 3494
 <211> 766
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(766)
 <223> n = A,T,C or G

```

<400> 3494
gnnnnttnann nnnnttttan nnnatacagg ctacttgttc tttttgcagg atcccatcga      60
ttcgaattcg gcacgagcac catcgaatat ttttatttat tttgagagac agactctgtc      120
accagggcta gtcttaaact gttgggtgaa tcttaagtga ttctcccacc tcagcctccc      180
aaagtgcgtg ggattacagg gcatgagcca ctacccttgg ctgtgatcaa gtatttttagt      240
ctgttggtta aatgtttact aaatagtctg aagtagagaa aatagcacc aatctaaaat      300
aagggtagggt ctagtcaact atttaaactt acattttaag ctatagttaa ctattagttt      360
aaactttaag acaggtaatg ttcattgctgc agacaatcta agggcattat taaaatgttt      420
gttcttcctt atctcagaat tgaagtatgt cagaagcaag acttttcttt ccattttgtt      480
atagtagaaa tgcatacatt aacagggtacg ttttagacat tacacgtgct catctgcccc      540
aaagctctaa tgagctgcct taccctggaa tgtttttctt agcttggtt tgcttttttg      600
gagggattaa gaaaagactt ggctgggcgt tgggactcat gcctgtaatc cacantttgg      660
gaaccnagcg gtggatcatg angtcaggag atggagacca tccggctaata acgnggaacc      720
cccgttttta ctgaaaatcc aaaaattact gggcgtggng gcgcn                          766

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```

<210> 3495
<211> 872
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(872)
<223> n = A,T,C or G

```

```

<400> 3495
nttananttt naaaaacccc ncttntnttg gcctnacctt ncggttttct ttttttttgg      60
gccaggggna atncccccca tncgggnatt tcccggaaaa tttccgggnc caccggaagc      120
cctgggggaa aaaatgggaa aaaatttnat ttnatttttt ncaaccccc atttaggnnt      180
angcccaaata ttaaaaaaaa aggaaaatta ccttccaagt taaantancc gttantnggg      240
gaaatanctt acctttaagt tccaataaaa aaaaggggga aatggaaaaa taaatggggc      300
atthtttgca ngcaancctt ggggantggg aaaactgggg angaaccatt anttcttaaa      360
agtggaangt aaccttcaag ggaaaatggg aaaaacccaa ccggtcgggtg gtggttcttc      420
actctttaa gtgggaagc taaagcttgt ggagggacc aaagggccta agaatgata      480
caatgggact ttgggactc aggggaaagg gtggggaggg cggtgaggga taaaacagt      540
ccactgggtc agtgtcactg cttggtgatg gctgtccaaa atctcagaaa tcacctaaa      600
gacttattca tgtgccaacc tcctgtccca aacctttaaa aaaaatgcgc catcccccca      660
tggaataaaa gtcaacagcc tgcagagcaa aaagactggt tagtaactta aaatattcca      720
aaagagactc ctcatgccta ctagtctact ctgaatctat caaacacgta aaggaatttg      780
gttcacacca ccaccacccc caatcttnac aatctntgag aaacagagaa ganggaattc      840
caactccttg tgaggcagct tcctgtccca tg                                          872

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```

<210> 3496
<211> 710
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(710)
<223> n = A,T,C or G

```

```

<400> 3496
tntctnaatn tgntnnegna tcttgaggac ccategttca attccgnncc nagggggnan      60
ctnccentac tccntggatg tgtgtaccta gcacacttcc ttctcccacc cctttttcca      120
gttggaattg tttttctgtt ctcttctgtc ctgtcttata ctgcaactgt gtctcctagg      180
ggacagatgg ctttctttgt catcttcaact ctccaccccc agagaggagt cagagccata      240
actcaatcac tcagcccctc caaagatagt tgatgtgtga taatctcata atgttgagaa      300
ccctgatgag atacattgtc ttctctccc tacaatgcct ctggggccaa ggcacccatt      360
cttcttgcta tcctccatcc cccttgaggc ttccactttt ttttttttta gacataaagc      420
tgggcacag caactggcct gtggtgatgc aaagctgctt tgctctgnat ctggctggac      480

```

tgatctgtct	cacaagaagc	catgaggcca	tagggagaag	ctccctctcc	ccttcatctt	540
ctgctccaaa	ggtggtanca	agaggagtac	ccagttaggg	ggtggagccc	ccatatnaca	600
tcttcctgtc	agaagactga	tggatctttt	tcattccaac	catctccctt	ttcccccgat	660
gaatgcaaat	naaacttttg	tgacaccagc	aaccattg	cttttanaat		710

<210> 3497
 <211> 749
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(749)
 <223> n = A,T,C or G

<400> 3497						
nntnnnnntn	tgaaancctt	nggctacttg	ttcttttttg	aggatcccat	cgattcgaat	60
tcggcacgag	attctctcaa	taatggccag	ccgaaaagta	cgcgctgcc	ggcatctgcc	120
tccgcggagt	cattaaactc	ccacagtgg	cacccactg	ctgatgtaca	gactttccag	180
gcaaagcgcc	atattcatca	acaccgtcag	tcttactgta	attataacac	tggaggtcag	240
ttagagggca	atgcagccac	ttcctatcag	aagcagactg	acaaaccag	ccactgtagc	300
cagttttgta	cacctccg	gatgaggaga	cagttctcag	cacccaatct	caaagctggt	360
cgagaaaccc	agtataaatc	agttctggac	aaacttgaaa	tcatggtgga	agaaacagac	420
agtgttagct	catgatttga	tttggttcta	cctttggcct	tgagttctta	ttatttacat	480
tataaatatt	aactggtttt	atattgntaa	gacaaaacac	tggtaaaagt	ttcaacacct	540
cccttttgct	tgtataccat	aaatgggcag	nttctgaaat	tttgataaaa	gcatcaagaa	600
ctcctttttc	tgaaacgttc	ctnctttttt	agtgccta	taataactt	acttaccng	660
gannnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	aaaaactcgg	cctttaaaat	720
ataggggggn	gnnttacnna	aatccaann				749

<210> 3498
 <211> 782
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(782)
 <223> n = A,T,C or G

<400> 3498						
gnnnnnnnnn	nnnnnnnttn	nannnnnnnn	tnnttnnnnn	nnnnnttttn	aaaaacagct	60
cttgctcttt	ttgcaggatc	ccatcgattc	gagactactg	actctacgct	taaaaattat	120
taagatggca	aatttcatct	tgtttttttt	taacttaaaa	aaactacata	taagatagtt	180
ttgcctggtt	tcagggtttc	tttcagtgtt	ttaggtattc	agtatttaaa	tcacaaaatt	240
tgtgatttga	acattttttt	cttccttcat	gagattttta	gtggattgat	acttgctttc	300
cattctgtcc	cgatgtctga	cctttgtaat	gtaaagaaga	acattttggt	taattgagag	360
aagtctgctg	tggtcttggt	gatagaggac	catcctagag	ttgggagtgc	tgtctgcaca	420
gcacaaacc	cagagtctac	tttggatcac	cttatatagt	tcatgagtaa	tcagcagatg	480
cctttccttt	ctatgtctct	ctctcagtga	aaggcactgt	ttcttccact	tggtgaggaa	540
tggcctaagt	ctcattgtct	gtaacaggaa	tgctacaact	gtcaaattg	taccatttat	600
catatttggt	aaggtcttgc	cttagtcttg	cctgttcaat	tataaaagga	aagaagacgt	660
aaaagatgta	gagttgtctg	ngtgatttct	ccccattat	gtcagaagag	gccttaagaa	720
aactaatacc	ccccacaaat	atatcttttt	agatttctat	tatatatttn	gncttatcaa	780
ga						782

<210> 3499
 <211> 736
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(736)
 <223> n = A,T,C or G

<400> 3499
 atacagctct tgttcttttt gcaggatccc atcgattcga attcggcacg aggttgcttt 60
 caaaagacac atatcaccat agtacatgta ataacacaca taggctcaaa gtaaaggggt 120
 ggcgaangat ctgttntgca gatggaaaaa aagatcaggg gtcactattc ttgtttcaga 180
 taaaacagac tttttaaatc aacaacagta gaaaaaggac tagggcatta cataatgaag 240
 aaggggttcaa ttcaacaaga tttatcctat cacacccaag attggagcac tcagatttct 300
 aaactattat ttctagacct aggaaaagaa ttaaaccggcc acataataat agtgggggac 360
 ttcaacacct cactgacagt gttagataga tcatcaaggc agaaaactaa caaatctga 420
 acttaaattc aacagttgac taattgaacc taatagacat ctacagaata ctccaccac 480
 caacaacaga acatactttt ttctcatgtg cacatagaaa atactctaag attgaccaca 540
 tgctttgtca caaagcaaat ctcagtaaat tcaaaaaaga ttgaaatcat accaagcatt 600
 tcagactaca gcatagtaaa aatgaaaatc aacacccagg agaaactctc aaaacatggn 660
 aactnaacaa cttgctnctg natgactttt tgggtaaata taaaaatang gcttccttaa 720
 ccctttttgn aacaat 736

<210> 3500
 <211> 752
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(752)
 <223> n = A,T,C or G

<400> 3500
 gnnttnnnnn nnnnnntttt nanntantgc tcttgttctt tttgcaggat cccatcgatt 60
 cgaattcggc acgaggtcaa ctctccttgg tgagtgcctc agaacttagg aaaagagaac 120
 agcgcattgtc tctctcatga agatgacaga ggacaaaagc aagcagaaat atacaaggat 180
 ttgcgtntctc tattatgaat ttctctttga gaaataatac ctgtgagaat gctgctcctt 240
 caattagggt caggattgga ggaaaaatca tataaaatag gttcctgcaa taatattgcc 300
 ccttgagtat ggggtggcct gtgacctgct cagtgcctaag gaaatgcagt ggaaatgatg 360
 ctgtgtaact tctgaggcca agttataaaa gatcatgcat cttttgcctt gttagtttgc 420
 tgacgcctga tatggagcac tagaaagaaa ttatttttcc aagcatcaac ccggaagtcc 480
 cagcataccg aggggtggcag acatcatttc ttcaatgaac ttagtattta gaaagatattc 540
 ttactccaa gcatcaagtc ttttctgtcc tgcaaaagtc ttaagtcaaa ccagaatccc 600
 tagtagaggg cacctttgga ttcaacagta aaaggagaat ctacaaaacc agctcatcaa 660
 aaggggcagt gactgggtata gaacctgnct tacttaagtt caagcaatga ttaatctagc 720
 ttccctctgg tggatgactg angnctttgc ct 752

<210> 3501
 <211> 752
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(752)
 <223> n = A,T,C or G

<400> 3501
 gnnttnnnnn nnnnnntttt nanntantgc tcttgttctt tttgcaggat cccatcgatt 60
 cgaattcggc acgaggtcaa ctctccttgg tgagtgcctc agaacttagg aaaagagaac 120
 agcgcattgtc tctctcatga agatgacaga ggacaaaagc aagcagaaat atacaaggat 180
 ttgcgtntctc tattatgaat ttctctttga gaaataatac ctgtgagaat gctgctcctt 240
 caattagggt caggattgga ggaaaaatca tataaaatag gttcctgcaa taatattgcc 300

ccttgagtat	gggtgggctt	gtgacctgct	cagtgctaag	gaaatgcagt	ggaaatgatg	360
ctgtgtaact	tctgaggcca	agttataaaa	gatcatgcat	cttttgccct	gttagtttgc	420
tgacgcctga	tatggagcac	tagaaagaaa	ttatttttcc	aagcatcaac	ccggaagtcc	480
cagcataccg	aggggtggcag	acatcatttc	ttcaatgaac	ttagtattta	gaaagataac	540
ttcactccaa	gcatcaagtc	ttttctgtcc	tgcaaaagtc	ttaagtcaaa	ccagaatccc	600
tagtagaggg	caccttttga	ttcaacagta	aaaggagaat	ctacaaaacc	agctcatcaa	660
aaggggcagt	gatgggtata	gaacctgnct	tacttaagtt	caagcaatga	ttaatctagc	720
ttccctctgg	tggatgactg	angnctttgc	ct			752

<210> 3502

<211> 737

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(737)

<223> n = A,T,C or G

<400> 3502

tacagctctt	gttctttttg	caggatccca	tcgattcgaa	ttcggcacga	ggaaaacatc	60
taactaagat	ggtttctactg	gtgaattcaa	tcaaatatct	aaggaacaca	taataccaaa	120
accataacac	atncaaant	atggcccttc	agattttgtg	cttcttttng	ggtcagtgtt	180
aataatacgt	atctttcaaa	gaatatcccc	cttttttttt	ggtagagata	ggggttttgc	240
catgttggtg	gtagcaagcc	ctaaccctgt	cataaacagg	ccttaaataa	actggccata	300
aacaggattt	ctgcagcaat	gggacatgct	catgatggct	gtcatgcaca	ctgcgaaaag	360
ttgttggttt	actggagcag	ggcaaggaa	acctggcccc	gcccggagca	aaaaactgtc	420
aaaccacaaa	cgatagcagg	aaaggcctgt	gccttggcag	catgtttttg	ctgcagataa	480
tcagccagag	cctgtttctc	tgtctctcgc	tgagattgct	ttgtttccca	taaagattgc	540
tttttagctaa	tctacaatct	atagaacaat	gcttatcact	gctttctgtc	aataaatgtg	600
tgggtcaagc	tctgnttggt	gctctcagct	ctgaaaaaaa	aaaaaaaaaa	aaaaactcga	660
gcctntaaac	tntgngagtc	gnttacctan	atccagacnt	gataggatcc	atgatgagtt	720
tgncaaccc	ncactng					737

<210> 3503

<211> 738

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(738)

<223> n = A,T,C or G

<400> 3503

tnaanatcnt	gctacttggt	ctttttgcag	gatcccatcg	attcgcgtcc	gctctcattg	60
gctctgctgg	tccagaaagc	agcccaggcc	tttaactccg	ggctgctgtg	tgtggcatgt	120
ggttcatacc	gacggggaaa	ggcgacctgt	ggtagatgct	acgtgctcat	cactcaccca	180
gatggctggg	cccaccgggg	tatcttcagc	cgcctccttg	acagtcttcg	gcaggaaagg	240
ttcctcacag	atgacttggg	gagccaagag	gagaatgggc	agcaacagaa	gtacttgggg	300
gtgtgccggc	tcccaggggc	agggcgggcg	caccggcgcc	tggacatcat	cgtggtgccc	360
tatagcgagt	ttgcctgtgc	cctgctctac	ttcaccggct	ctgcacactt	caaccgctcc	420
atgcgagccc	tggccaaaac	caagggcagc	agtctgtcag	aacatgcctc	cagcactgct	480
gtggtccgga	acacccatgg	ctgcaagggt	gggcctggcc	gagtgtgtgc	actcccactg	540
agaaggatgt	cttcaggctc	ttaggcctcc	cctaccgaga	acctgtgtgag	cgggactggg	600
gacccatggc	ttgggggtgc	tgangaaagc	ccanttgagc	tggctacccc	ttctggccac	660
ccagtacttc	cttcagcctt	aactgggtga	acttgccggg	tcaaccacca	actttctnag	720
cgagcanggg	ccaaggct					738

<210> 3504

<211> 760

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(760)
<223> n = A,T,C or G

<400> 3504
tcccttggnn nnnnnnnnnn tttannata nagctcttgt tctttttgca ggacccatcg 60
attcgaattc ggcacgagga aaacatctaa ctaagatggt ttacttggtg aattcaatca 120
aatattttaag gaacacataa taccaaaacc ataacacata caaatatatg gcccttcaga 180
ttttgtactt ctttttgtgt cagtgttaat aatacgtatc tttcaaagaa tatccccctt 240
tttttttggg agagataggg ttttgccatg ttgttggtag caagccctaa cctgtcata 300
aacaggcctt aaataaaactg gccataaaca ggatttctgc agcaatggga catgctcatg 360
atggctgtca tgcacactgc gaaaagtgtg tggtttactg gagcagggca aggaacacct 420
ggccccgccc ggagcaaaaa actgctcaaa ccacaaacga tagcaggaaa ggctgtgccc 480
ttggcagcat gtttttctgt cagataatca gccagagcct gtttctctgc tcctcgctga 540
gattgctttg tttcccataa agattgcttt tagctaactc acaatctata gaagcaatgc 600
ttatcactgg ctttctgtca ataaatgtgt gggtaagct ctgtttgtng gctctcagct 660
ctgaaaaaaa aaaaaaaann nnnnnnnncc tcgagcctnt aaaactatag ngagtcgtnt 720
tacgtanac. cagacatgat aaganccatt ggtgagtttg 760

<210> 3505
<211> 766
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(766)
<223> n = A,T,C or G

<400> 3505
gnnnttnnnn nnnnnnnnttt tntaganaca ggctacttgt tctttttgca ggatcccatc 60
gattcgaatt cggcacgagc agagacctga cagtggcaat gtatggccac gttactgaat 120
ctacatgttg caagagaaaa actagcagat gttctttggc agccctgtca ttcagctatt 180
attgctaaag cactaggtgg gaatcattat gaaaatttcc atcctcaa ataaaggaga 240
tttgacatat cctcttctct tgctggttta attgatggga agctttgaaa ttggaaattt 300
gcttgtgatt gtattttaa gttacttttg atctaaacta cacagaccga agttaattgg 360
aattgggttg tctccttatg ggaactggaa gtattttgac agctttacca catttcttca 420
tgggatatta taggtattct aaagaaacct atattaatcc atcagaaaat tcaacatcaa 480
gtttatcaac ctgtttaatt aatcaaacct tatcattcaa tggaacatca cctgagatag 540
tagaaaaaga ttgtgtaaag gaatctgggt cacacatgtg gatctatgtc ttcattggga 600
atatgcttcg tggcataggg gaaacccccca tagtaccat tgggggattt catacattga 660
tgattttgca aaagaaggac attcttnctt gtatttaggt agtttgaatg caataaggaa 720
tgattgggtcc agtcattggc tttgactggt gatctctggt tgctan 766

<210> 3506
<211> 735
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(735)
<223> n = A,T,C or G

<400> 3506
tnaannanag ctacttggtc tttttgcagg atcccatcga ttcgaattcg gcacgaggtc 60
catacatgga gtcacctgga cccgtgtgct ctctgtgtgac tgaacgtttt gtgatgaaag 120

gaggagaggc	tgtctgcctt	tatgaggagc	cagtgtctga	attgctgagg	agatgtggga	180
attgcacacg	ggaaagctgt	gtggtttctt	tttacctttc	agctgaccat	gaactcctga	240
gcccgaacaa	ctaccacttc	ctgtcctcac	cgaaggaggc	cgtggggctc	tgcaaggcgc	300
agatcactgc	catcatctct	cagcaagggtg	acatatttgt	ttttgacctg	gagacctcag	360
ctgtcgctcc	ctttgtttgg	ttggatgtag	gaagcatccc	agggagattt	agtgacaatg	420
gtttcctcat	gactgagaag	acacgaacta	tattatttta	cccttgggag	cccaccagca	480
agaatgagtt	ggagcaatct	tttcatgtga	cctccttaac	agatatttac	tgaaggaatc	540
taggttgat	tttcagtga	caatgggaat	aaagcatttc	taaagcaccg	actggagagg	600
aaggcaacag	aaacaaggag	agaagcccga	gagacatgtc	tgctgtctgc	cacgcactctg	660
ancgattgct	cttgtgaaga	gtttgtcact	gaacattttc	aggggagggt	gtttaccag	720
cnatgtntctn	aacan					735

<210> 3507

<211> 735

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(735)

<223> n = A,T,C or G

<400> 3507

natngnttgc	tctngttctt	ttttgcagga	tcccatcgat	tcgagacaac	ccagaaacaa	60
attcatacat	ctatgggtgac	cacttttgac	aaaggaatga	agaacataca	ctgggggaaa	120
agataatgtc	tttaataaat	ggtgctggga	aaactggntn	tccantntgc	agaagaatga	180
aactagaccc	ccatctctta	gcatatacaa	aaatcaaaat	taattaaaaa	gttaaatacta	240
agacctcaa	ctatgaaaca	gctaaaagaa	aacatcgggg	aatctctcca	ggacattgga	300
gtgggcaaag	atttcttgtg	taatacctga	caaacaggca	accaaagcaa	aagtggacaa	360
atgggatcac	atcaagttaa	aaatcttctg	cattgcaaag	gaaataacaa	agtgaagaga	420
cacctataga	atgtgagata	atatttgcaa	actatccatc	tgtattaggc	catttttgaa	480
gtctacaaag	aaataacttga	gactgagtaa	tttataaaga	agaggtttta	ttggctcacg	540
gttttgcagg	ctgtcaggaa	gcatgggtgct	aacatctgat	cagctttag	ggaggcatca	600
ggaagtttcc	acccatgggtg	gangcaaaag	gggaataagt	ttctccatgg	caggtgcagg	660
gcaaaaanan	gggggaagg	aagtgccnca	caaccagatc	ttgtgagtn	tcagatttgn	720
gngggngct	tgngg					735

<210> 3508

<211> 735

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(735)

<223> n = A,T,C or G

<400> 3508

taaacatcng	gctacttggt	ctttttgcag	ggatcccatc	gattcgaatt	cggcacgaga	60
cactgtccca	ctccatcacc	caggctggag	tccagtgggtg	tgatcatagc	tcgctgcac	120
ctccagttcc	tgggttcaag	ccatccctcc	tgctcagcc	tcccagtag	ctggaactac	180
aggtgtgtgc	catcacacct	ggctttacat	tttctgtgg	ggtcttacta	tgttgcccag	240
gccggtctca	aactcctgag	ctcaagtgat	cctctgcctc	agcctccaga	gtatctggga	300
ttacatatgt	cggtaccgt	gtctggcgt	tcacatcttt	ggccactatt	tgcttgtaa	360
aaggtataat	gaggtggtac	ttatcatttt	tactngtct	catgttttgt	atatttttgt	420
ttcatcaact	aagatgcact	gtaacatctc	tgaaatctgg	atatattatc	aatggtttat	480
catagttttg	ttagcaatac	actgtctttt	agtgggtgcct	aaaataatgg	tatagttgtg	540
aggtgatctt	agatttgatg	aagcacagta	tgcaggtagg	cctaattggg	gaagatggta	600
atataaaagc	aagaagtatt	ttttttttgt	aatgactgaa	agctgtctgt	ggatgacctt	660
cccttntctt	taaacacgat	tntntcactt	ncaactncaa	acttgcctca	ctaatncttt	720
aaaaataact	tgagc					735

<210> 3509
 <211> 756
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(756)
 <223> n = A,T,C or G

<400> 3509
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 cccatcgatt cgaattcggc acgagggata ttcattaccc tgagaatgaa atgacctgca 120
 attcgaanaa cagctgtatc agttggagta gttaccataa gaacctgtta gctagcagtg 180
 attatgaagg cactgttatt ttatgggatg gattcacagg acagaggtca aaggtctatc 240
 aggagcatga gaagaggtgt tggagtgtt actttaattt gatggatcct aaactcttgg 300
 cttcagggtc tgaatgatga aaagtgaact gtgggtctac caatctagac aactcantgg 360
 caagcattga ggcaaaggct aatgtgtgct gtgttaaata agccctctt ccagatccat 420
 ttggctttcg gctgtgcaga tcaactgtgc cctactatga tcttcgtaac actaaacagc 480
 caatcatggt attcaaagga caccgtaaag cagtctctta tgcaaagttt gtgagtgggtg 540
 aggaaattgt ctctgcctca acagacagtc agctaaaact gtggaatgta gggaaaccat 600
 actgcctacg ttccttcaag ggtcatatca atgaaaaaaa ctttgtaggc ctgcttncaa 660
 tggagattat atagcttgtg gaagtgaata taactctntt tctgtgctta taaangactt 720
 tntaagactt tgctactttt aagttgatac agncaa 756

<210> 3510
 <211> 751
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(751)
 <223> n = A,T,C or G

<400> 3510
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 ttgncgagg agtaaaangtc gcttnttngn ncntttantt cactncaa at nganaaanga 180
 antnccagtt tcttgacang cccaaccan tgctnggccca gttcctgagt ccacttaata 240
 tatttaagag gaaaagatct nggaccacag gagaatggcg tggattgacc taccagatta 300
 tgaccatgta gaagatgaac tttttctcc tttccacctn cagcctntcc agagagacaa 360
 gatggtgaag gaactgagcc tgatgaagag tcagggaat ggacacctgt tctgtcctn 420
 caaagagaac agttaaaga aatntcccaa gctggatgct cagagattaa tttcagagag 480
 aggacttcca gccttaaggc atgtatttga taaggcaaaa ttcaaaggta aaggtcatga 540
 ngctgaagac ttgaagatgc taatcagaca catggagcac tgggcacata ggctattccc 600
 taaactgcag tttgaggatt ttattgacag agttgaatcc tgggaagtaa aaaggaagtt 660
 canatgaagt tgcngagaat atgacatgag gccttctact gaatagatcc tttctgacaa 720
 cttattgaaa gtganatgtt gcttctgagt a 751

<210> 3511
 <211> 736
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(736)
 <223> n = A,T,C or G


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<400> 3511
tacaggctac ttgttctttt tgcaggatcc catcgattcg atcacagggg aatgttagaa      60
gtgtttttatt aatttctttg tcagacaagt gtttaggaaa ctctcactcc aggcctaata 120
ctgtgctagg ctctgcaaat gctaagaggg ggaagttact gtccttgctt ccaaggagat 180
catgggtcta gtgggaaacc cgacacgttc aggtaccttc agatgggcac tcagaagagt 240
aagcccttag ttaatgttta aagatgttta aagatgtctg agactcatag gtcaaagtca 300
gatttcagtt ccaccttatt agacctgcac tgctaaggag ctgctttagg taaggctgtg 360
ttcctagtca ccaggggtgtt caaacacagt gctgggggca atgtgggaat agccttcttt 420
tathtagtaa gtaatgtgaa gtcagtttca tgaatagatc ttactttaag cattcattga 480
gggttttggc aagaatagag taccgtatat gaaggtgttt cctaactcnc ctgcaccagg 540
aataatctag ggctcattan agatgtcaaa gatctggtct agtttcttaa cctaaaacaa 600
gagtgtttta attccatttt ataggcgggg agtctgagcc aaacatgtta tgtcactttt 660
ccaagcttca tancacaaaa gtcttctgtc ttcccatcct gacttttcca cttcataggg 720
actgtcaaag gcagcn
736

```

```

<210> 3512
<211> 772
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(772)
<223> n = A,T,C or G

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<400> 3512
gnnntttntt tttnnnnntn anagnaaaaan ctttttgcta cttgctcttt ttgcaggatc      60
ccatcgattc gaattcggca cgaggagaag ctgacgggca tgtggtggaa acngctgggtg 120
gcccggcgca gtggcaggtg cccgtgtcac ggacaggcac ggccccctctg gaccgcttaa 180
aggtcttcat gcagggtccat gcctcaaaga ccaaccggct gaacatcctt ggggggcttc 240
gaagcatggt ccttgaggga ggcacccgct ccctgtggcg cggcaatggt attaattgtac 300
tcaagattgc cccgagtcaa ctatcaagtt catggcctat gaacagatca agagggccat 360
ctggggcagc aggagacact gcatgtgcag gancgcttcg tggctggctt cctggctggt 420
gccacaaccc aaaccatcat ttaccctatg gaggtgctga agaccgctg accttncgcc 480
ggacgggcca atataagggg ctgctggact gcgccaggcg tattctggan aggggaagggc 540
ccgtgccttc taccgcggta cctcccaacg tgctgggcat catccctatg cggcattngac 600
ctggccgcta cnagactctg aanaactggt ggcttaacan tacaagccac gactcggaaa 660
accaagcatt ctctgcttct ggctgcggac catatcaaca ctgcggcaaa tagccantta 720
cccgttggcc ttgtccggac ccnatcagcc aaccgtggta ttccataaca an
772

```

```

<210> 3513
<211> 778
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(778)
<223> n = A,T,C or G

```

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<400> 3513
agnnnnnntt tttngcnan ngnaaacttt ttaangaagc tttaatannc ctttctctgg      60
atccctcgag gcgaattcgg cagagctac acagttccca ttcnttacct taacnttgta 120
ctgagagaga cccaggtctg acctgtatag cagtttgagt cgaggggctg tcaaaggggt 180
tgccaaagtc atctaaagga cttggcacca gaagtagcat tatgacttng gatccacttc 240
tttatagacc aatattggca gccatgaagc tgcttgctct ggggtcggaa ttcagtttta 300
gtggctgaat gcacagacag caggaagaga gaatagggga caatgaacaa cagagagaga 360
agaaatgcag tgtgtaggga acctgcaggt ggtaacagtt gaaactcata tcaatgatct 420
tgcctattta ccactccatg tgctactct ggctgtctaa tccagcagta accagtattg 480
nattctaggg ccttcccaaa attggagcta cccccagaat ttctcangct ttaattcct 540
gaaaatcttt taaactaaaa cttctangtc agttgtcccc aggggaactg aggctgtttc 600

```

tacctgctgc	attgtcagca	aaacttgcta	catgctaatt	attccacttt	cagtgaagca	660
atcaatgagt	gacagtagga	aataactttg	anagttgggt	ggttcctaac	atggcctctt	720
aataatggaa	atgagaccaa	attggggacc	taatnttgcc	aaggaanaat	ggnnaggt	778

<210> 3514

<211> 778

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(778)

<223> n = A,T,C or G

<400> 3514

agnnnnnnt	tttnngcna	ngnaaacttt	ttaangaagc	tttaatannc	ctttctctgg	60
atccctcgag	gcgaattcgg	cacgagctac	acagttccca	ttcnttacct	taacnttgta	120
ctgagagaga	cccaggtctg	acctgtatag	cagtttgagt	cgaggggctg	tcaaaggggt	180
tgccaaagtc	atctaaagga	cttggcacca	gaagtagcat	tatgacttng	gatccacttc	240
tttatagacc	aataattgga	gccatgaagc	tgcttgctct	gggtgcggaa	ttcagtttta	300
gtggctgaat	gcacagacag	caggaagaga	gaatagggga	caatgaacaa	cagagagaga	360
agaaatgcag	tgtgtaggga	acctgcaggt	ggtaacagtt	gaaactcata	tcaatgatct	420
tgcttattta	ccactccatg	tgctactctt	ggctgtctaa	tccagcagta	accagtattg	480
nattctaggg	ccttccccaa	attggagcta	cccccagaat	ttctcangct	tttaattcct	540
gaaaatcctt	taaactaaaa	cttctangtc	agttgtcccc	aggggaactg	aggctgtttc	600
tacctgctgc	attgtcagca	aaacttgcta	catgctaatt	attccacttt	cagtgaagca	660
atcaatgagt	gacagtagga	aataactttg	anagttgggt	ggttcctaac	atggcctctt	720
aataatggaa	atgagaccaa	attggggacc	taatnttgcc	aaggaanaat	ggnnaggt	778

<210> 3515

<211> 784

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(784)

<223> n = A,T,C or G

<400> 3515

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gattcgaatt	cggcacgagc	cggagagaag	cagcaggagg	gcggcggcgc	cgtgcgctgc	120
gacacacctg	ccaactgcac	ctatcttgac	ctgctgggca	cctgggtctt	ccaggtgggg	180
ctccagecgt	tcccagecgc	atgtcaactg	ctcggttatg	ggaccacaag	aaaaaaaaag	240
tagtgggtgt	accttcagaa	gctggataca	gcataatgat	accttgccaa	ttctggccat	300
ttcaccatca	tttacaacca	aggctttgag	attgtgttga	atgactacaa	gtggtttgcc	360
ttttttaagg	atgtcactga	ttttatcagt	catttggtca	tgacgtggg	aactgtgggg	420
atatatgatt	tgccacatct	gaggaacaaa	ctggttatta	aatagagcat	ctgttgaggg	480
actcttttaa	aaccacagcc	atgaacagac	gttggggcta	agagacagac	agcctgcgac	540
agtgtggacc	tacctgtagc	agctagcaaa	ggcctctagc	agctacagtc	ccttctggag	600
tctttatttg	catgcaaaat	gcaaaggagt	cctgggtgacc	tactccaagc	actgcccttc	660
tgaacactcc	ttggaaaaa	gtaaacatca	ttttggaatg	tgaacaacca	gagactnccc	720
aggagaaagg	aaaaaaaaat	tntgaagatg	caaatcttgc	ggtggcttca	ccgtcaattt	780
ttaa						784

<210> 3516

<211> 746

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(746)
 <223> n = A,T,C or G

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<400> 3516
gnntttnnnn nnnnnnnnttt tnnnnatcag ctctgttctt tttgcaggat cccatcgatt      60
cgaattcggc acgagcacag tccttctgga gccagaccg aagccacagt agcagtgcc      120
gctcagcaga aagtcaggac agcangagga ggaagaaan gaaggaaang aaaaacncag      180
gaancntaaa aggcttagga ncttangaaa cntgcaggcn ctgaagtga attggaaaaa      240
nccaaaaccc caancccgang aaaangagtc aanganganc aangntaaga gaaggagaag      300
gagaaggatg accaaaangt gaatctgcct gtgtaaaagg cagatttttt aattgcttaa      360
tactaagtca tctgttttnaa atttggtata tgtaagagat tcaagccttg naatatgaca      420
tggaagaccc tgtgctgcac ttaaatatgc ttgcttgatt atttgatttt acatcagagc      480
tttataacac gaacttttgt ccagaattgt gagttgtgcc atgttacatg aganggtttt      540
gctagggcct attattttta ccaccattaa ttagttgggg tggagtttac tgtaatgtga      600
aatttcccat ttgaattttt aatggctggc aaagctgntt tagtcttaaa ttcancggat      660
gattgctgaa tcattncacc ctgtatgtcc ttttggnntc atnaaagttt cagtaacttt      720
caaaaaaaaa nnnnnnnnnn nnnnaa      746
```

<210> 3517
 <211> 777
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(777)
 <223> n = A,T,C or G

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<400> 3517
gnntttnnnn nnnnnnnntt ttatannata cagctcttgt tctttttgca ggatcccatc      60
gattcgaatt cggcacgagg aaaggacagt gctacttgta tatgaaggtt atagaacgag      120
cggcttttcc tcggcgtctc tgggaacggg tccggcttag taaaaactat gagaaagcac      180
tggaacaaat agatgaaaat ctgatttact ggccccgttt cattcgacac aaatgtaagc      240
agagattcac caagatcacc caatcctaatt tcgaattaga aaacttcact aaagcgacag      300
aggaaacttg ttcctttgag taagaagggtg gagcgtaggg agaaaagaag agaggaaaag      360
gcattaatag ctgctcagct ggacaatgcc attgagaagg aattactgga gagactgaac      420
aagatacgtg tggcgacatc tacaacttcc cattcatgcc ttcgacaaag ccctggaaca      480
acaggaggca gagagtgact cttcagatac tgaggaaaaa gatgatgatg atgatgatga      540
ggaagatgtg gggaaaagag aattttgtcg agatggtgag gtagatgaga gtgacataag      600
tgattttgag gatattggata actggatcca gcagtgatga agatcaggat ggtaaactct      660
ccatgaggag gaggaagaaa aggccttatg cgaaacacaa angcnaaatg cccttganag      720
gnctgcgga naaaccaacc tnttggaat ngaatncaac nggagacaaa cccgtgg      777
```

<210> 3518
 <211> 789
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(789)
 <223> n = A,T,C or G

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<400> 3518
taannnatac agctacttng ttctntttga agcnctttnn ananatacan gctacttggt      60
ctttttgcag gatcccatcg attcgggcct cccacccct gctgcacacc tacactgaag      120
gaaggctatt tgcagatgca gcaagaangc agccatctgc aaggcagaag aagagaccct      180
caccaggaac tgaataagtc agtcagtctg ggacttccac ctctagaact gtgaaacaat      240
aaatttctgt ggtgtaagca actcaatcta tagtagtttg ttactatttt gttatagcaa      300
ccaaagatga ctaaccagac aggttatgtc actcgccaag tgtcttggtc tgtttgtgct      360
```

gctataacaa	aataccttag	actgggtaat	ttacaaacaa	cagagatgta	tccagagatc	420
cacagttctg	gaggctgaga	agtctaaaat	caaggcacca	gcagattcca	catctcgtga	480
aggctcactc	tctgcttcac	agatggcact	gcttgctgtg	ttctcacatg	gcagaagggg	540
caaacaagcc	cccctgggcc	tcttttataa	aggcactaac	tctatgccta	aangcagggc	600
cctcatgact	ctatcaccta	ccaaaaggct	tcaattcttt	atactattgg	angggtagaa	660
ngaacttcct	ttctagacct	tgaagggtta	agaaatttga	atctattaaa	caagctgaca	720
atngacagat	taacaggaga	aaaagcntat	acatttttta	atgtgggccca	aatggcaaaa	780
gcttaaata						789

<210> 3519

<211> 763

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(763)

<223> n = A,T,C or G

<400> 3519

tatagnatca	gctcttggtc	tttttgccag	atcccatcga	ttcgaattcg	gcacgagcga	60
ataaagcaga	aaaggagaga	tcgctgaagg	aaaagtctcc	gaaagaagaa	aaactgagac	120
tgtacaaaga	ggagagaaag	aagaaatcaa	aagaccggcc	ctcaaaatta	gagaagaaga	180
atgatttaaa	agaggacaaa	atttcaaaag	agaaggagaa	gattttttaa	gaagataaag	240
aaaaactcaa	aaaagaaaa	gtttataggg	aagattctgc	ttttgacgaa	tattgtaaca	300
aaaatcagtt	tctggagaat	gaagacacca	aatttagcct	ttctgacgat	cagcgagatc	360
ggtggttttc	tgacttgctc	gattcatcct	ttgatttcaa	aggggaggac	agctgggact	420
cgccagtgc	agactacagg	gacatgaaga	gcgactctgt	ggccaagctc	atcttgagga	480
cgggtgaagga	ggacagcaag	gagaggaggc	gggacaccgg	gcccgggaga	agcgagacta	540
cagagagccc	ttcttcgcaa	agaaggacag	ggactatttg	gataaaaact	ctgagaagag	600
gaaagagcag	actgaaaagc	ataaaagtgt	ccctggctcc	tttcggaaaa	ggcaagaaga	660
ngagagagtc	cncaaagccc	ggccggacag	aaggaccctc	ggaagctgca	aggancncag	720
ggaccgcagg	gccaaaccna	ggaggtgccc	cggaggactn	aat		763

<210> 3520

<211> 821

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(821)

<223> n = A,T,C or G

<400> 3520

tnannnnannc	annnnnnnnn	nnnnntttga	agccattgct	acttggttctt	tttgcaggat	60
cccacgcatt	cgaattcggc	acgagagcaa	ttccactcct	agctccaccc	acaggaaatt	120
gaaagcaaa	acgcaaacag	atgcctgtgc	accaaagtgc	acgggcaagc	atccttcggc	180
cttaatgggc	agcattccgt	cgtcacaagc	gggcattcat	cctttcatca	atagcgggca	240
gcattccgtc	gtcacaagcg	ggcagcattc	ctttcgccac	aagcgggagc	catcttgctc	300
gtcacaagcg	ggcagcatcc	ttcgccaaag	cgggcaagca	tccttcgtca	tagcggcagc	360
atcctttgcc	atagcgggca	aggtggaaac	cctgtccatc	cactgaggcg	tgcatagact	420
aaacatggcc	agtccaggca	ctggaatcca	ggcccgtaga	acggcgccca	cggtcaaaag	480
gaatgagacc	ctgatgcact	gggcgacaca	gacggcgac	acagacttgg	agacatcatg	540
ctaagtga	agccaggcac	acggagcgga	cggcgctgac	ctgctcacgt	gatgtgtccc	600
gaatgggcac	gttcagaggg	aagaagggag	atggcgcttg	ccggtgccc	gggacngggg	660
ttgggagcga	cgttgctgg	tttggggtt	ctttctgggg	tgangaantg	gttttgatat	720
ttggncctgt	ggtgatgttt	gcatacctct	gaatatgctt	aaganccaca	gaattgacca	780
ctttaaatgg	atgaattgna	tggtattggg	aattacccaa	n		821

<210> 3521

<211> 772
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(772)
 <223> n = A,T,C or G

<400> 3521
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 gcccggcgca gtggcagggt cccgtgtcac ggacaggcac ggccccctctg gaccgcttaa 180
 aggtcttcat gcagggtccat gcctcaaaga ccaaccggct gaacatcctt ggggggcttc 240
 gaagcatggt ccttgaggga ggcatccgct ccctgtggcg cggcaatggt attaattgtac 300
 tcaagattgc cccgagtcaa ctatcaagtt catggcctat gaacagatca agagggccat 360
 ctggggcagc aggagacact gcatgtgcag gancgcttcg tggctggctt cctggctggt 420
 gccacaaccc aaaccatcat ttaccctatg gaggtgctga agaccgctg accttncgcc 480
 ggacggggca atataagggg ctgctggact gcgccaggcg tattctggan agggaagggc 540
 ccgtgccttc taccgcggtg cctcccaacg tgctgggcat catccctatg cggcatngac 600
 ctggccgcta cnagactctg aanaactggt ggcttaacan tacaagccac gactcggaaa 660
 accaagcatt ctctgcttct ggctgcggac catatcaaca ctgcggcaaa tagccantta 720
 cccgttgggc ttgtccggac ccnatcagcc aaccgtggtg ttccataaca an 772

<210> 3522
 <211> 819
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(819)
 <223> n = A,T,C or G

<400> 3522
 aaacagctac ttgttctttt tgcagggatc ccatcgattc gggagaaatg ctggccacag 60
 atggtgctgc ccaacaggcc cataccactc gttccagtca gaggtgcttg gcctttgtgg 120
 gatgaatggt cgttggttca aatcaagctt tttccaaatg aacaaganca ctggncctta 180
 ccatattttg gcaaggatcc gaaatcaagg gttcttcttt caaagtgctt gccaggggga 240
 atcttgaaag aagggtaccc cttgcaacaa aacctggttc cctgtaaacc ctcttcttga 300
 agggaatccc ctgcttggcc cacttggcat tttccaagtt tgcccttcct caagaatgta 360
 ttaaaccocg aaccagggtg cttgtcttgt gcccaagacg atcttgggaa acccgcccc 420
 atgggatctg tacttgantg cttgctgagc ttcacccact gagagtttac ctctggagtt 480
 cantgatgac ttggatggtg tgggtgatgg tatgcantgt ctnccttaact ttgctttttg 540
 atccttcact aacccttgaa gatcatttan tcaaagaaat tgcttgaaga cacantggat 600
 attttgggcc anatgcaaat ggctggagat nggtgcagat cccanggatc tcgaaattct 660
 gagaagctt ttgnaccatt ggcttaaaat ggattggcta ctgcaaatgg gaagccagaa 720
 ccacttttat tanttgatag tttggggaac catttacttt ggtggattna aattctcgtc 780
 tttaaaagaa gtatttctga acatntttaa caaaaaaan 819

<210> 3523
 <211> 765
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(765)
 <223> n = A,T,C or G

<400> 3523

taaanaatca	gctcttgttc	tttttgcagg	atccctcgat	tcgaattcgg	cacgagcggg	60
actggtacca	ccgcacgcac	cccaccgtgc	tgctggggcg	gctgccgttg	cggagcttga	120
cgcgccactg	gtacaggacg	agaacgtgcg	cggggtgac	accatgaacg	aggagtacga	180
gacgaggttc	ctgtgcaact	cttcacagga	gtggaagaga	ctaggagtcg	agcagctgcg	240
gctcagcaca	gtagacatga	ctgggatccc	cacttggaca	acctccagaa	gggagtccaa	300
tttgctctca	agtaccagtc	gctggggccag	tgtgtttacg	tgcatgttaa	ggctggggcg	360
tccaggagtg	ccactatggt	ggcagcatac	ctgattcagg	tgacaaaatg	gagtcagag	420
gaggctgtaa	gagccatcgc	caagatccgg	tcatacattc	acatcagcct	ggccagctgg	480
atgttcttaa	agagttncac	aagcagatta	ctgcacgggc	aacaaaggat	gggacttttg	540
tcatttcaaa	gacatgatgt	atggggatta	gaaagaactc	aagacactcc	tgcttgatac	600
agaacaaaa	gagcttaaca	ggaccaacan	ggcttaaccc	agacttgacg	taacagaaat	660
gtgccaatag	gtaataggtg	atthttcttc	tctgacttgg	tttggtttct	ttgaaataac	720
actgttgtgt	nggctngaaa	nggaaaaaaa	aaaaaaaaaa	aaan		765

<210> 3524

<211> 763

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(763)

<223> n = A,T,C or G

<400> 3524

gnntttnaaa	nnnncagntc	ttgttctttt	tgcaggatcc	catcgattcg	ccaggctagt	60
cttgaactcc	tggcctcaag	caatectccc	acctcggcct	cccaaagtgc	tgggattaaa	120
ggcgtgagcc	accgtacctg	gcccttgggt	gaatctttag	ggttttctat	tcatacatat	180
aaaatcatat	cattggcaaa	cagagataat	tttacttcct	cctttccaat	ttggatgcct	240
tagatttctt	ttccttgcc	aactgctctg	tctagaactc	ccagcactat	gctgaataga	300
gtggcaagag	caggcatattg	ccttggtcct	aaccttagag	aaaaatcctt	cagcctttta	360
ccattgagga	tgatgtttgc	tggtagtttt	tcataaatga	tctatatcag	gctgaataaa	420
tttctatttc	taaaaaaaaa	aannnnnnnn	nnnnnnnnnn	nnnnnnnaaa	aaaaaaaaact	480
cgagcctnta	nactatagng	agtcgtatta	cgtagatcca	gacatgataa	gatncattga	540
tgagtttggg	caaaccacaa	ctagaatgca	gtgaaaaaaaa	gctttatttg	ngaaattggg	600
gagctattgc	tttatttgn	accattntaa	gctgcaataa	acaagttaac	accaccaatt	660
gcttcattta	tgggttcagg	cagggggagg	tttggagggt	ttttaattcg	cggccgnggg	720
ccaatgcatt	gggcccggtc	ccaactttgg	tccctttagg	gng		763

<210> 3525

<211> 765

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(765)

<223> n = A,T,C or G

<400> 3525

ggnnntttnn	attatacagt	tcttgccttt	ttgcaggatc	cctcgattcg	aattcggcac	60
gaggtggcta	tccatcaaca	taagtaaaaa	aaaaaaaaac	tttntccct	ccccattta	120
gattattttat	taacatattt	taaaaatcag	atgagttcta	taaataattt	agagaagtga	180
gagtattttat	ttttggcatg	tttggccac	cacacagact	ctgtgtgtgt	atgtgtgtgt	240
ttatatgtgt	atgtgtgtga	cagaaaaatc	tgtagagaag	aggcacatct	atggctactg	300
ttcaaataca	taaagataaa	tttattttca	cacagtccac	aaggggtata	tctttagatt	360
ttcagaaaag	cctttggaaa	tctggatcag	aaaatagata	ccatggtttg	tgcaattatg	420
tagtaaaaaa	ggcaaatctt	ttcacctctg	gctattcctg	agaccccagg	aagtcaggaa	480
aagcctttca	gctcacccat	ggctgctgtg	actcctacca	gggctttctt	ggctttggcg	540
aaggtcagtg	tacagacatt	ccatggtcca	gagtgtcag	aaactcaaga	taggatatgc	600
ctaccctcag	ctactcctgg	tttaaagttc	agctctttga	gtactcttca	attctttcag	660

gacacttggg	tggaattcag	taagtttctt	ntgaacaccc	tgaanggtgc	catccttaca	720
gactaantgg	agacgtttcc	agatcagccc	aagtttacta	tagag		765

<210> 3526
 <211> 774
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(774)
 <223> n = A,T,C or G

<400> 3526						
tttttaaana	aancaggntt	cctaattcct	gttntnnnga	nacaggctac	ttgttctttt	60
tgcaggatcc	catcgattcg	aattcggcac	gagattctct	caataatggc	cagccgaaaa	120
gtacgcgctg	ccaggcatct	gcctccgcgg	agtcattaaa	ctcccacagt	ggtcacccca	180
ctgctgatgt	acagactttc	caggcaaagc	gccatattca	tcaacaccgt	cagtcttact	240
gtaattataa	cactggaggt	cagtttagagg	gcaatgcagc	cacttctat	cagaagcaga	300
ctgacaaaac	cagccactgt	agccagtttg	tgacacctcc	gcggatgagg	agacagttct	360
cagcacccaa	tctcaaagct	ggtcgagaaa	ccacagtnta	aatcagttac	tggaacaaact	420
tgaaatcatg	gtggaagaaa	cagacagtgt	tagctcatga	tttgatttgg	ttctaccttt	480
ggccttgagt	tcttattatt	tacattataa	atattaactg	gttttatatt	gttaagacaa	540
aacactggta	aaagtttcaa	cacctccctt	ttgcttgat	accataaatg	ggcagtttct	600
gaaatttttg	ataaagcatc	aagaactcct	ttttctgaaa	cgttcctcct	tttttagtgc	660
ctaattaata	tacttactta	cacggaannn	annnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	720
nnnnnaaaac	tcgnnccttt	aaaactatag	ggngtcgttt	acctaaatcc	aann	774

<210> 3527
 <211> 779
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(779)
 <223> n = A,T,C or G

<400> 3527						
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atcgattcgc	tcgagtnncn	aggagacgtg	cagctgtcca	aggctctgtc	ctatgccctg	120
gcccatgggg	ccttgaanct	ggggcttccc	atgggagctg	atggcttcgt	gcccctgggc	180
accctcctgc	agntgnccca	gttcgcgggc	ttntntggg	aagatgtgca	gcgcgtgggt	240
gacaccaata	ggaagcagcg	gttcgncctg	canntggggg	atcccannac	tggncttnta	300
atccggggca	accagggnc	ttcctgcan	gtacctagn	tgagctgat	gcccctggag	360
acaccgtagg	ccctgcnccg	atgctagtcc	atggtacatt	ctggaagcac	tggtatccat	420
cctactcaaa	ggcctgtcct	gccanggaag	gacgcacatt	cacctgcccc	angactgcct	480
ggagaccccg	gtatcatcan	tggtatgcgg	tcccattgng	aaatagctgn	gttcatcgat	540
ggacccctgg	ctctggcaaa	tggaataccc	ttctttcgtc	tgccaatggg	gtgatantga	600
cttcanggaa	tactgatggc	ttcctacttc	caagtacttc	aangaggccc	tgagntacg	660
ccctaccgaa	acccnttcc	ttgnntgggtg	atgaaaagac	acaatgtaat	agtncccnna	720
cccantttca	ganaaaggag	gaggatccaa	cattaaatat	tanttataaa	aagaattta	779

<210> 3528
 <211> 762
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(762)

<223> n = A,T,C or G

<400> 3528

gnntttgaaa	nccctttttg	atncctcttc	tacttggtct	ttttgcagga	tcccatcgat	60
tcgaattcgg	cacgagggtc	ttcaaagcca	accnagacag	gcttagcagt	tttagagctt	120
cagaacaaat	tgccaaaagc	cagagttgtt	tatgctagt	caactggtgc	ttctgaacca	180
cgcancatgg	cctatatgaa	ccgcttggca	tatggggtga	gggtactcc	atttagagaa	240
tcagtgattt	tattcaagca	gtagaacgga	gaggagtgg	tgccatggaa	atagttgcta	300
tgatgatgaa	gcttagagga	atgtacattg	ctcgacaact	gagctttact	ggagtgcct	360
tcaaaattga	ggaagttctt	ctttctcaga	gctacgttaa	aatgtataac	aaagctgtca	420
agctgtgggt	cattgccaga	gagcggtttc	agcaagctgc	agatctgatt	gatgctgagc	480
aacgaatgaa	gaagtccatg	tggggtcagt	tctggtctgc	tcaccagagg	ttcttcaaat	540
acttatgcat	agcatccaaa	gttaaaagg	ttgtgcacta	gctcgagagg	aaatcaagaa	600
tggaatgt	gttgtaattg	gtctgcagtc	tacaggagaa	ctngacatta	gaagctttgg	660
aagaggccgg	ggagaattga	tgatttggtc	actgccaaag	ngtgttcag	cactcattga	720
aaacatttcc	tgttcanaca	ggaaaacttt	ntagttacta	ga		762

<210> 3529

<211> 770

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(770)

<223> n = A,T,C or G

<400> 3529

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cgcaggcgta	ctgacaggtg	gaccagcgga	ctgggtggaga	tgccgacgct	ctctctgacc	120
gtgaattcag	gagacntcc	gttagganct	ttgttgnca	nnnancncgt	naaaaaacnat	180
gtagnnttt	ccgttgaana	agggaaagag	antnttcttn	atgtttctga	aaatgtgatn	240
ttcacagntg	tgaattctat	acttcgttac	ttggctagag	ttgcaactnc	agctgggtta	300
tatggctcta	atctgatgga	acatactgag	attgatcact	ggttgagtc	agtgcctnca	360
aattatcttc	atgtgattcc	tttacttcta	caattaatga	actcaatcat	tgctgtctc	420
tgagaacata	cttagttggg	aaactccttg	agtttagcag	atattatgtg	ttgggccacc	480
ctaaaaggaa	atgctgcctg	gcaagaacag	ttgaaacaga	agaaagctcc	agttcatgta	540
aaacgttgg	ttggctttct	tgaaccacg	aggccttnca	gtcagtaggt	ccaagtggga	600
tgtttcaaca	ccaaagctcg	agtggcacct	gagaaaaaca	agatgttggg	aaatttggtg	660
agcttncagg	tgccgganct	gggaaanggt	accggcagat	ttcctccaaa	ggccatgggt	720
acttacacat	tgggcattcn	aaaactgntc	ttntgaccac	actaccaggt		770

<210> 3530

<211> 786

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(786)

<223> n = A,T,C or G

<400> 3530

gnnttnnnnn	nnntnttnaa	gntcttgcta	cttggtcttt	ttgcaggatc	ccatcgattc	60
gcccaggagg	cggagcagag	gcacccaggc	agcctgcgcg	gagaaattgg	atcggcgggg	120
acggcctgca	gctcccgcgc	gcggggaaag	ggaagaagtc	ctccntaca	aagcaaattc	180
ncaaacttgg	agaagcant	ttacacagga	tgtgcagatc	tcaatggaag	gacacgggaa	240
acgtgaaaaa	gcaaggaagt	ggggacgcct	ccaaaggaa	ccagtaattc	tccagcaaca	300
gatccccatc	caaaagaaat	tcaagaaatg	tcatatagag	aattgtggaa	actgatttta	360
accaagatta	gagggattca	agagacttct	gaaaaagaaa	gtaaggaaat	gtcaacagca	420
attctggata	tggttgagg	atttaccac	cagatacaga	gtttccaga	gcacatggca	480

aatgtggaac	tgaagaaatc	actggatgaa	atccaaagta	tactcgaaaag	cttcaatgat	540
agactagatc	aagcagaaaa	aaaactctta	aaacttaaaa	tcttgaagct	tttactcaat	600
tcaaatatatt	aatgggttgt	ctctggccat	tcangtgaac	aaaatctgct	gggttaattn	660
tttttttttt	tgaaatggga	tnttcgcttc	tgtcgcccaa	gcttggaatt	ccattggccg	720
ggaccttngg	nttactgnaa	gcttcgcttc	ccagggttnac	gccatttttc	cttgcttaan	780
cttctn						786

<210> 3531
 <211> 786
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(786)
 <223> n = A,T,C or G

<400> 3531						
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gcccaggag	cggagcagag	gcacccaggc	agcctgcgcg	gagaaattgg	atcggcgggg	120
acggcctgca	gctcccgcgc	gcggggaaag	ggaagaagtc	ctcccntaca	aagcaaattc	180
ncaaaacttg	aagaagcant	ttacacagga	tgtgcagatc	tcaatggaag	gacacgggaa	240
acgtgaaaaa	gcaaggaagt	ggggacgcct	ccaaaggaac	ccagtaattc	tccagcaaca	300
gatccccatc	caaaagaaat	tcaagaaatg	tcatatagag	aattgtggaa	actgatttta	360
accaagatta	gagggattca	agagacttct	gaaaaagaaa	gtaaggaaat	gtcaacagca	420
attctggata	tggttgaggt	atttaccac	cagatacaga	gttttccaga	gcacatggca	480
aatgtggaac	tgaagaaatc	actggatgaa	atccaaagta	tactcgaaaag	cttcaatgat	540
agactagatc	aagcagaaaa	aaaactctta	aaacttaaaa	tcttgaagct	tttactcaat	600
tcaaatatatt	aatgggttgt	ctctggccat	tcangtgaac	aaaatctgct	gggttaattn	660
tttttttttt	tgaaatggga	tnttcgcttc	tgtcgcccaa	gcttggaatt	ccattggccg	720
ggaccttngg	nttactgnaa	gcttcgcttc	ccagggttnac	gccatttttc	cttgcttaan	780
cttctn						786

<210> 3532
 <211> 783
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(783)
 <223> n = A,T,C or G

<400> 3532						
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ttcgcccag	gagcggagca	gaggcaccca	ggcagcctgc	gcggagaaat	tggatcggcg	120
gggacggcct	gcagctcccg	cgcgccgggg	aaagggaaga	agtcctcccn	tacaaagcaa	180
attcacaaac	ttggaagaaa	cantttacac	aggatgtgca	gatctcaatg	gaaggacacg	240
ggaaacgtga	aaaagcaagg	aagtgggacg	cctccaaagg	aaccagtaa	ttctccagca	300
acagatcccc	atccaaaaga	aattcaagaa	atgtcatata	gagaatttg	gaaactgatt	360
ttaaccaaga	ttagagggat	tcaagagact	tctgaaaaag	aaagtaagga	aatgtcaaca	420
gcaattcttg	atatgggtga	ggtatttacc	aaccagatcc	agagttttcc	agagcacatg	480
gcaaatgtgg	aactgaagaa	atcactggat	gaaatacaaa	gtatactcga	aagcttcaat	540
gatagactag	atcaagcaga	aaaaaaactc	tcaaaaactta	aaatctgaag	gcttttactc	600
aattcaaata	tttaatgggt	tggaactctg	ccattcangt	gaacccaaat	ctgctggggt	660
aatttttttt	ttttttgana	tgaatctng	ctnttgcgc	ccagcttgga	atcaattgcn	720
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ctg						783

<210> 3533
 <211> 783

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(783)
<223> n = A,T,C or G

<400> 3533
gnntttnnnn nnnnnntttt aaantacttg ctacttggtc tttttgcagg atcccatcga 60
ttcgcgccgag gaggcgagca gaggcaccca ggcagcctgc gcggagaaat tggatcggcg 120
gggacggcct gcagctcccg cgcgccgggg aaaggggaaga agtcctcccn taaaagcaa 180
attcacaaac ttggaagaaa cantttacac aggatgtgca gatctcaatg gaaggacacg 240
ggaaacgtga aaaagcaagg aagtgggacg cctccaaagg aacccagtaa ttctccagca 300
acagatcccc atccaaaaga aattcaagaa atgtcatata gagaattgtg gaaactgatt 360
ttaaccaaga tttagaggat tcaagagact tctgaaaaag aaagtaagga aatgtcaaca 420
gcaattctgg atatggttga ggtatttacc aaccagatcc agagttttcc agagcacatg 480
gcaaatgtgg aactgaagaa atcactggat gaaatacaaa gtatactcga aagcttcaat 540
gatagactag atcaagcaga aaaaaaactc tcaaaaactta aaatctgaag gcttttactc 600
aattcaaata tttaatgggt tggactctgg ccattcangt gaacccaaat ctgctggggt 660
aatttttttt ttttttgana tggaaatctng ctnttgctgc ccagcttgga atcaattgcn 720
ggacctcggn tnattgcaag cttccgcttc caggttcacc cattnttctg ccttancctn 780
ctg 783

<210> 3534
<211> 772
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(772)
<223> n = A,T,C or G

<400> 3534
gnntttnnnn nnnctntttt atnaatacag ctcttggtct ttttgcagga tcccatcgat 60
tcgaattcgg cagcaggaac caagaaaata tttaaaaatc taagcagtc tttgctcatt 120
aaaggataaa tcagtagtta acactttttc taaaagaaa tgggtgtgcc tggatgggtc 180
gtgtagggtga gttttccaag gattatggta acaaatgagt gagacctcta tggagaaaat 240
attgaaggac attaaagaag acctcataaa tggagagaga tatatcatta atggataggg 300
aagcctcaat ggcataagta tgctagtttc tttcaaaact cacctatgga ttcaatgtga 360
ttccaaacca aatcccacaa ggtctttcct ggaattggaa gccagattct gaaatgtatt 420
tggaaaagta aagaggcagg gttagctatt tcattaacaa agaaggaaca tcaggcaggg 480
agacttggtg tattattaaag gcttattata aattattatt gtgatcaaga tagtgattt 540
ttggtgtaga gatagttaa ttgccaatgg attgagccaa atttncaaaa cagaccaca 600
aataaatgaa ctctaattta caacagagac agtactgcag atcatggggg gaaaggatga 660
actattgagg gattggcaac ttttttggtg aggtanaca gccttacgtg gggtcacagt 720
gtctgtggaa ntaggcacct ctgctngggt attgtaagan cactntganc at 772

<210> 3535
<211> 781
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(781)
<223> n = A,T,C or G

<400> 3535
gnnttttna annnnctngt ttcnngnadc anttccaagc cttngtcag gatcccatcg 60

attcgaattc	ggcacgaggg	gattacaggc	atgacccacc	gcgcccagcc	tgtaatttct	120
tatactttgt	attttgtact	tgtattatgc	ttctgaatac	gctataatta	tttatgtaca	180
tggttttttt	cttcaataga	ctgggtggaac	tcttcgaatg	tagggactcc	tagagctaga	240
tactcaatta	ttttttatta	aattgaatga	cttgaaacta	cagatccttt	atttaaactt	300
cccaaatttc	tgctttatct	aggcaactct	ttaaattctt	ttatctcatg	tagatttcaa	360
aggctgaaat	aattgagatt	ttttagtttg	aagaaaagag	aactgaggat	ttaatgtcat	420
tattattata	tttttaattg	actgtttggg	agtaagtgtc	agacattgtt	cacttttact	480
cctaaatact	taaatatttc	ctaaaaacag	gacattcttt	ttttttttta	tggagtctgg	540
ctctgtcgtc	caggctggag	tgcggtggca	cgatcttggc	ttactgcaag	ctcccccttc	600
cagattcacg	ctgtctcctg	cctnactgct	cgggangctg	angcagggga	atcgcttgac	660
ccnggangcg	gangttgcan	anagcctaaa	cgggccattg	gactccagct	gggtaccaag	720
aaccggacct	ccgttggaag	aaaaaaaaaa	aaaaactnng	cctttanaac	tttngggggc	780
g						781

<210> 3536
 <211> 768
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(768)
 <223> n = A,T,C or G

<400> 3536		
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taagntactg	ctacttggtc	
tttttgagg	atcccatcga	60
ttcgaattcg	gcacgaggtt	120
cttcaaagcc	aaccaagaca	180
ggcttagcag	tttttagagct	240
tcagaacaaa	ttgccaaaag	300
ccagagttgt	ttatgctagt	360
gcaactgggt	gcttctgaac	420
cacgcaacat	ggcctatatg	480
aaccgcttgg	catatggggg	540
gaggggtact	ccatttagag	600
aattcaagtg	attttattca	660
agcagtagaa	cggagaggag	720
ttggtgccat	ggaaatagtt	768
gctatggata	tgaagcttag	
aggaatgtac	attgctcgac	
aactgagctt	tactggagtg	
accttcaaan	ttgaggaagt	
tcttctttct	cagagctacg	
ttaaaatgta	taacaaagct	
gtcaagctgt	nggtcattgn	
cagagagccg	gntcagcaag	
ctgcagatct	gattgatgct	
gancaacgaa	tgaagaagtn	
catgtggggt	cagttctggc	
tgtcaccaga	ggttcttcaa	
atacttatgc	atagcatcca	
aggttaaaag	ggttgtgcac	
tagctcgaga	ggaaatcang	
aatggaaaat	gtgtngtaat	
tggctgcagt	ctcaggagaa	
gctnnaacat	tagaactttt	
gaagaaggcn	ggggagaatt	
gatganttgg	ttcaactgcc	
aaagtgtgtg	cantcactca	
ttggaaaaca	tttntctgctc	
cagcngggaa	aacttatggt	
tacttggn		

<210> 3537
 <211> 755
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(755)
 <223> n = A,T,C or G

<400> 3537		
agcnnnnnnn	ttnnnnnaat	
aaactctttg	caacttncct	
ttttgcagga	tcccatcgat	60
tcgcccagga	tgaactgggt	120
gcagtggctg	ctgtgctgctg	180
ggttncgctg	agaggacacg	240
agctctatgc	ctttccggct	300
gctcatcccg	ctcggcctcc	360
tgtgtgcgct	gctgcctcag	420
caccatgggtg	cgccagggtcc	480
cgacggctcc	gcgccagatc	540
ccnccactac	aggggagcga	600
agtcaggcc	atgttctacc	660
acgcctacga	cagctacctg	
gagaatgcct	ttccttcgat	
gagctgcgac	ctctccctgt	
gacgggcacg	acacctgggg	
cagttttctc	tgactcta	
tgatgcactg	gacaccttgc	
tgatttgggg	aatgtctcag	
aattncaaag	agtgggtgaa	
gtgtccang	acagcgtgga	
ctttgatatt	gatgtgaacc	
ctctgtgttt	gaaacaaaca	
ttcnagtgg	aggaggactc	
ctgtctgctc	atctgctctt	
caagaangct	gggggtggaag	
tagaagctgg	atggccctgt	
tccggcctnt	ctgagaatgg	
ctgaagaagc	ggccgaaaac	
tcttccaacc	nttcaaacc	
actggcatgc	catatggaca	
gtgaacttac	ttnatggggt	

gaacccagga	aaaacccctg	tcacctgtcc	ggaaggattg	ggaccttnat	ggtgaattgc	720
cacctgacag	ctnntggtga	accgtgttca	anaan			755

<210> 3538
 <211> 762
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(762)
 <223> n = A,T,C or G

<400> 3538						
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tcgaattcgg	cacgaggttc	ttcaaagcca	accnagacag	gcttagcagt	tttagagctt	120
cagaacaaat	tgccaaaagc	cagagttggt	tatgctagt	caactgggtg	ttctgaacca	180
cgcanatg	cctatatgaa	ccgcttgcca	tatgggtgga	gggttactcc	atttagagaa	240
tcagtgtatt	tattcaagca	gtagaacgga	gaggagttgg	tgccatggaa	atagttgcta	300
tggatatgaa	gcttagagga	atgtacattg	ctcgacaact	gagctttact	ggagtgcact	360
tcaaaattga	ggaagttctt	ctttctcaga	gctacgttaa	aatgtataac	aaagctgtca	420
agctgtgggt	cattgccaga	gagcggtttc	agcaagctgc	agatctgatt	gatgctgagc	480
aacgaatgaa	gaagtccatg	tggggtcagt	tctgggtctgc	tcaccagagg	ttcttcaaat	540
acttatgcat	agcatccaaa	gttaaaagg	ttgtgcacta	gctcgagagg	aaatcaagaa	600
tggaaaatgt	gttgttaattg	gtctgcagtc	tacaggagaa	ctngacatta	gaagctttgg	660
aagaggccgg	ggagaattga	tgatttggtc	actgccaaag	ngtgttgag	cactcattga	720
aaacatttcc	tgttcanaca	ggaaaacttt	ntagttacta	ga		762

<210> 3539
 <211> 765
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(765)
 <223> n = A,T,C or G

<400> 3539						
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attcgaattc	ggcagagac	taccccggt	acggttcccc	catgcctggc	agcttggcca	120
tggggccggg	cacgaacaaa	acgggcctgg	acgcctcgcc	cttgcccgcg	gatacctcct	180
actaccangg	ggtgtactcc	ggccattat	gaactccttt	aagaaagacg	acggcttcag	240
cccggttaact	ctggcacccc	ggatcgagga	caagtgcag	agcaagtggg	ggtcgagact	300
ttggggagac	ggtgttgag	agacgcaagg	gagaagaaat	ccataacacc	cccaccccaa	360
cacccccaag	acagcagtct	tcttaccgcg	tcagcccggt	ccgtccaaac	agagggccac	420
acagataccc	cacgttctat	ataaggagga	aaacgggaaa	gaatataaag	ttaaaaaaaa	480
gcctccgggt	tccactactg	tgtagactcc	tgcttcttca	agcacctgca	gattctgatt	540
ttttggtggt	gtgtctcctn	cattgctgtt	gttgacagga	agtcttactt	aaaaaaaaaa	600
aaattttgtg	agtgactcgg	tgtaaaacca	tgtagtttaa	cagaaccaga	nggttgacta	660
ttgttaaaaa	caggaaaaaa	ataatgtaag	gtctgttgta	aatgaccaan	aaaaaaaaaa	720
aaactcngcc	tntaaactnt	tntgagtcgt	nttcgtaaat	ccaan		765

<210> 3540
 <211> 820
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(820)

<223> n = A,T,C or G

<400> 3540

nnnnnnnnnt	tnnnnctntg	aagnnatagc	tacttggtct	ttttgcagga	tcccatcgat	60
tcgaattcgg	cacgagatat	ttgtacatgc	atatttcaaa	gacctgttaa	tggtgtccac	120
tttggattct	tacatgaaac	gattcaagtg	gcncattggt	aaggcctaan	ggaccacgcc	180
aaaanggggt	cccaacttat	ttaaagggtat	ttcaagtacc	cttccaaaaa	ngttaaatgg	240
catttaagac	actttcanga	atgggttaa	atgggttctaa	aacaaaaact	ccctaaagtc	300
tggtccctat	gcaatatata	tttntaatat	accatatata	ttttttacca	taggaatact	360
cacaaaagtg	caagccaata	ataacattgg	caagaaaaag	taatacatat	ctgctagggtg	420
acaatatcaa	acaattcagg	ggaataat	tactttaatt	aacattaaca	gaatttcttt	480
ttccacttca	aatcaatcat	atttctgtca	tctccaacct	aagatatttt	ttagattgtc	540
tccctattct	ttgattcaaa	agccaattac	agaaactatg	aacttgacct	aattctgggt	600
tttgacaatt	atgagacaga	aataaagaaa	tgcaagcagt	tcttttcttt	gccactgacc	660
atttttta	at	at	at	at	at	720
gtcaaaatca	ttctgggtnc	aggtaa	aggtaa	aggtaa	aggtaa	780
aggcaattta	cttttcaagc	tgnc	tgnc	tgnc	tgnc	820

<210> 3541

<211> 767

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(767)

<223> n = A,T,C or G

<400> 3541

nnnnnnnnnt	nnnnnctntg	aagcnanagc	tcttgttctt	tttgcaggat	cccatcgatt	60
cgaattcggc	acgaggctat	gctaaacagc	ctttacatgt	atgggtctggt	taaagttcct	120
ttgttccttt	tgttttaata	aaatgtgtca	ctgatttttt	agctcaaaaa	tcatcactgg	180
taattccaag	cccccaaat	atgggtaaaa	agattttttt	tttaatcatg	aagagaaaat	240
tagtagcatt	ctttctctcc	cattatttat	tggttttctt	cactaatctt	ttttttttta	300
gtccaaaagc	caaaaatatt	tatcttggtt	ttacatttta	atttccattc	ttaattgtaa	360
tttttttctt	taaataagga	aaccaatata	atctcatgta	taaaaactta	aatattttac	420
aagttacata	tagcatcatt	ctaaaataag	aatttttttt	gntttctgtc	tgcttttttc	480
ttatgtctct	tgntgagttt	tatattttca	gtggttattt	ttgcttgngt	tagatcatta	540
ttaaaatata	tccaatgncc	ctttgatact	tgngctctgc	tgagaatgtc	cagtttgcat	600
taaacatccc	agtctcatcc	ttcaggaatt	tgcaagcaat	gagaagangg	agacaaattt	660
aaagatgagg	acagaagcat	ctntacagat	gaaaattacn	taaataaaac	attctccatc	720
aacactaaaa	aaaaaaaaaa	aaaactcgac	ctttagaact	ntagggg		767

<210> 3542

<211> 765

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(765)

<223> n = A,T,C or G

<400> 3542

ttaagctana	gctacttggt	ctttttgcag	gatcccatcg	attcggtcgg	gtctccaacc	60
tcattaagca	ccacagggtt	cacactggag	agaagcccta	taagtgcagt	gactgtggga	120
aagcatttag	tcagagcttc	cacccttatt	cagcatcggg	agaaattcac	actgggagaa	180
aaagcctcac	ggtgtggtaa	atgggtatgtg	ggaaaagccc	tttagttata	gcttcagtgc	240
tcccgaagc	accagatcat	ccacacggga	gagaagccgt	acagatgcag	tgtctgtggg	300
aaggccttca	gccacagctc	agccctcatt	cagcaccagg	gcgtgcacac	aggcgacaag	360
ccctacgcct	gcacgagtgt	gggaagacct	ttggtcgcag	ctccaacctc	atccttcacc	420

agcgagtcca	cactggagag	aagccctatg	aatgtactga	atgtggaaaa	accttcagcc	480
agagctcaac	cctcattcag	catcagagga	ttcataatgg	gctgaagccc	catgaatgta	540
ccagtgtggt	aaagccttca	ccgaagctca	aatctcattc	accaccagaa	agttcatact	600
ggggaaaaac	cctacacctg	tgttgaatgt	ggtaagggct	tnagccagag	ctacacctna	660
ttcagcatca	gataatncac	acgggcgagc	gccccataca	atgcatgagt	gtgggaaagc	720
cttaatcagc	gtctgnccctn	atcancacca	gaggattaca	ctggg		765

<210> 3543
 <211> 734
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(734)
 <223> n = A,T,C or G

<400> 3543	
gcttgnctnc	tncccttttca aatngctnng ctactngttc tttntgcagg atcccatcga 60
ttcgaattcg	gcacgagagt ggctggataa aaggatgtgt gggaaagaac tgagttgaaa 120
ttaggagtta	gaatttttatt ctttgggtact aaggaatcat tgaagatttt aaaattaggg 180
ctgacataat	cagattttgag tttgggaacc tatagtttgg gactggagga agacaggtgc 240
cagacaccag	ttaaaaagct gttattttct aagcagtaga caaagggttta cactgacaat 300
agctgtggag	atagagaaaa gctgcgagat ttcagagttt tccaagggtgt aaacaactaa 360
attttgtgat	caaaatgata agggccatct aataagctgg ggaatgtggg atctgtcttg 420
gttgagttgg	tggattaact ganattaaca gagctggagg aaatgtaaaa agaaaggcag 480
gattgttcat	tttgtctttt gtttgtttnt gggaacagg gtcaaaattt tcattctgcc 540
taangtaggt	tttagtcttt ttcaaaacat tctagtaggc aagtctgtag ctgaatcttt 600
ggaagaaagg	caaccattag taatatTTTT tgaagttccc tacctgggta attttttcaa 660
taaaaaactn	aggttctcag gttagcnaga atcatggtct taggaagggt ancttghtaag 720
acccaaaatt	atnt 734

<210> 3544
 <211> 768
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(768)
 <223> n = A,T,C or G

<400> 3544	
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ttcgaattcg	gcacgaggtt cttcaaagcc aaccaagaca ggcttagcag ttttagagct 120
tcagaacaaa	ttgccaaaag ccagagttgt ttatgctagt gcaactgggt gcttctgaac 180
cacgcaacat	ggcctatatg aaccgcttgg catatggggg gaggggtact ccatttagag 240
aattcaagtg	atttttattca agcagtagaa cggagaggag ttgggtgcat ggaaatagtt 300
gctatggata	tgaagcttag aggaatgtac attgctcgac aactgagctt tactggagtg 360
accttcaaan	ttgaggaagt tcttctttct cagagctacg ttaaaatgta taacaaagct 420
gtcaagctgt	nggtcattgn cagagagccg gntcagcaag ctgcagatct gattgatgct 480
gancaacgaa	tgaagaagtn catgtggggg cagttctggc tgtcaccaga gggtcttcaa 540
atacttatgc	atagcatcca aagttaaaag ggttgtgcac tagctcgaga ggaaatcang 600
aatggaaaat	gtgtngtaat tggctgcagt ctcaggagaa gctnnaacat tagaactttn 660
gaagaaggcn	ggggagaatt gatganttgg ttcaactgcc aaagtgtgtg cantcactca 720
ttggaaaaca	tttntctgctc cagcngggaa aacttatggt tacttggn 768

<210> 3545
 <211> 10
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(10)
 <223> n = A,T,C or G

<400> 3545
 nnnnnnnnnn

10

<210> 3546
 <211> 936
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(936)
 <223> n = A,T,C or G

<400> 3546

ttangtgnac	nccctggana	accacttgnt	ttttntgcag	gatcccatcg	attcgagnaa	60
atngtctctgc	antcctatat	gcngaatttt	ntnnatatct	tgacccaaaa	taactggggt	120
aaaatatnta	gtngaaacct	tgtatatatt	ataaaccttag	ctttgtaata	ttaagtatga	180
aagcagcana	natagatagt	ctcagaagaa	gaagaaaatg	tataaatnct	tgaggagagc	240
tgtgataaan	ngactagact	tacctttgag	ttcctagccg	atccctacct	gacagctttc	300
ccagctggga	aaaatctgct	tgggcaagg	aaagggggaa	tatgattatt	ggangaactt	360
cccaccttat	agggactggc	aagaggggat	acatgaccag	ggaatgaacc	ataaaaggga	420
gagaaattgg	acattttaa	tttacangga	attaagatga	gatctaagna	taatttgaaa	480
gattttgaaa	naaagagcca	aatccgagga	aagatgtaag	gaaagtgatg	gggangggaa	540
aaaaaattat	gggatggtna	agactttcta	aagttaatgg	ggggaggaaa	tccaanggac	600
caccaagggt	aagggtttaa	gaaggggaaa	gganccaaag	gaattttta	ggaacccatg	660
gttttttcan	ccccagaa	caggggagaa	anccaaang	gaaaggaaag	ganccggaan	720
ggcttgagg	cnccagggg	gggcttnac	cgnccttgg	taattcccc	acccncttt	780
ttgggggaa	ggcccaaang	gccgggtgg	aatccancgn	angggccng	ggagaaatng	840
gaccancca	tnccngggc	ctaaaccacc	gggggnaaaa	ccccccctct	tnttacctta	900
aaaaaatccc	caaaaaaaaa	acccgccang	gggcat			936

<210> 3547
 <211> 769
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(769)
 <223> n = A,T,C or G

<400> 3547

tattatacan	ctacttgttt	tttttgcnng	atcccatcga	ttcgaattcg	gcacgagatt	60
atacagttcc	ccacattgaa	gttggaaga	agatatatgg	agagcagttg	aagacataag	120
gggctctggg	gaacagcata	gttttgcttt	aattctccag	cttgttctca	gtaagggtgg	180
aaggagaaa	agagggaag	tgcattttac	agacgtcaca	tcgtactgct	aagaacagac	240
agaaaacttg	ttgtaataac	ccgtacacac	tgtaggagaa	ctaaggaggc	ccctggtgta	300
gcaatcattt	tcccaaggat	gacggattgt	gaggcaggaa	ggtgtgaaaa	gaggcagtca	360
tttatataat	tttggggttt	ccgctgagga	aacctgagtg	aactcacttc	agatgcattt	420
ggaatatatt	aataaaaaat	acttgatttt	ggctgctgca	ggaactgctg	gaagaaggaa	480
acaatcctag	aattggcata	aaaacacact	gactcattac	tcctctttgt	tactattagg	540
catcagagat	acatgttttg	ttgatatttag	ttacagaaat	gagacaaagt	tgaatctgaa	600
tacattggct	tncttggtca	aggagctcct	cttgatata	atagctattt	catgaaactt	660
ctttagagaa	caaccatgat	acttccaaca	agctatttta	gaaacaaaaa	ttatgctgga	720
tctaattact	cctaaaatgg	tcattttcaa	tgaatattgc	actgattct		769

<210> 3548
 <211> 883
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(883)
 <223> n = A,T,C or G

<400> 3548
 gnnnnagnna gngnnnttnn nccntnttaa ccttnnacan ctcttgnctt ttagcangat 60
 cccatcgatt cgaattcggc acgagattta atcttccata agatntttcc tcagtgtctt 120
 ttacttcttc tcttgccatc agattcttac cttgattgaa aagccatgtt aagtgcgaagg 180
 caaattcttt acgtctttat acagagatta acaatctctg ggtgatggga gcgttaagtg 240
 attaaccttt gtcactagta natgtgggag gttagaaaag tgctgccctt tttgggtctc 300
 agtccctcag ttctgcaatt acaggcagcc tcattattng gncaaattcta tgtaaaattg 360
 atancncata tccaattaaa aaggatggtg agngggcaaaa aaaaaagaga gagagattga 420
 ttatnaccta gtccttgata gcccaacagg gngaatatag tccataataa ttggattggn 480
 cattggataa taactaaaac cntaattgga ttgtccgaac acaaattatta agcttgaggg 540
 gatggatacc ccatcttcca tggacgtgga ttattactga tggcatggcc tatggcaaaa 600
 atatctcatc tngngcataa gccccaaact aaggtncccc ccaggaatta aattnaccaa 660
 nnnngccctc cgagncctct taaaaaccta ttagngggagg tccggtantt acccgtagga 720
 atncccgac ccttgggaatn aaggaatacc catttggatt ggaaattttt gggacaaaaa 780
 nccnccaaa cctttagnaa atggcccngt nggnaaaaaa aaaaaanggc ctttttaaat 840
 tttgggggga aaaaaatttt ggggggnaan ggccctattt tgg 883

<210> 3549
 <211> 768
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(768)
 <223> n = A,T,C or G

<400> 3549
 actattgaca cctcttggtc tttttgcagg atcccatcga ttcgctccct ctgcttctc 60
 aaaccaggc ttcgctgcct ctgcggagtt cttacctgtc tctcctttcc acccggttc 120
 cctggaggaa gctaaactca gaccaaggcc ctgggtccc caggagttaa aagggaatac 180
 gctgtcccaa gattctagaa tgaagagtca acgtagccc agtggcttaa acctcctgtc 240
 cttaaatgca agaaatgttt tctatcgagc cctggacagg tgtctctgct ggcctgggt 300
 tttcaacagg tcatgcctgc ctacagcccc agggacaaat gttcttccag ctctaactca 360
 ttctatgctt taagcttttg acctatcttt gttttcccag tgccacacca aatgctgcct 420
 ggggatctct ctttcttctt gagttcccat ataagaagcc cccatttaa gaattcagtt 480
 ggaatgggtt gtatttcaaa agttgctttg caagttagtt atttggattt caagttgcat 540
 tttaccaggg taacaatatt ataattgatt gttaacctcc cagagcaatc cagaaatgcc 600
 cacataacc atgtcacacc tgaaccacc tgagttcttc tatccttgaa cctcttaagc 660
 tttncctaa ctctaacagg tctcatggtc cactcaaggt gtttcatgct tctcaantac 720
 gtccctttcc actgntgtct accctntntc caaacacaac aaaaaaca 768

<210> 3550
 <211> 769
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(769)

<223> n = A,T,C or G

<400> 3550

tttaaactta	tatacanct	acttgttctt	tttgcaggat	cccatcgatt	cgtaacagac	60
taaattttct	ctgtaagagg	ttatttctta	gatagttaat	atttttggtg	ctactttgtg	120
ctgtatttta	taactattaa	ggaatgttgc	agagaaatgc	tatcaattgt	taaaattttg	180
ccatgaatac	agcagcctca	ctgaattctc	ttagtagttc	taatagcttg	ccatttgatt	240
ctaacaggtt	ttctatgtaa	aagatgggtg	catcttcaaa	caatgatagt	ttcatttctt	300
ctctttcacc	tcttaccttc	cttgtgttgc	tttagcattg	ggcaggtcct	tcagggatat	360
gtgaaacagt	ggcagtaaca	accagacatc	ctggcctctt	tgtttttttt	tccatgatga	420
agtctcactc	cgttgcccag	ctggagtgcg	gtggcacgat	ctcggctcac	tgcagcctcc	480
acctcccggc	ttcaagtgat	tctcctgctc	aaccccccaa	gtacttggga	ttacaggtcc	540
tgcactaca	cccgactaat	ttttgtactt	ttagtaaaga	caggggtttca	ccatgttggtc	600
cagctggttg	agaattcctg	acctncagtg	atccacctgc	ctcgtcctct	ctaagttctt	660
ggattacaag	tgtgagccac	caagcctgcc	attgnggcct	ctttattggt	cttcttgaaa	720
atgccttgaa	gtgtcttaat	acacataatg	ttgctgtaaa	ncaatgatt		769

<210> 3551

<211> 765

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(765)

<223> n = A,T,C or G

<400> 3551

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ggtcagggag	gaaagccaag	atggaaaatg	gatgggaatg	aatgaggaac	atgatgtggg	120
ttgggggtgc	aattcatggt	taatacaaca	tgtgtggctc	agtataacca	gattgtcata	180
agaagctcag	gcagctctcc	ccctctgttg	cctggggcct	ttcgcagtta	caataaaaagt	240
ggaaagatga	agaataaggg	caagcagaag	acacacacat	ttgcctgttt	ccctcttttt	300
gtccagattg	agtagatggg	aggcagggct	gttaccctatg	atgggtgttc	ataccagagt	360
caatctacta	gtttgcttgg	ttttataggc	gtgattccca	aattttgaat	ctgaagttag	420
ctgtcagttt	aaattcagag	ggtcgcagct	tgtttttcag	gtttttcttg	attctgcctt	480
tggaaaccag	gaagatgttg	aatttacttt	tcatctgaca	atattgcaca	tctgtgaacc	540
caactgatct	gaaagtgttt	acctcttaac	tctgtgaagt	tagctgggta	ttctggatgg	600
ctgggacaat	ggtagggacc	gttataatgg	ttactctcac	ctgtgctcca	gacgctccac	660
ttggtgctag	aaatcacagt	gaacaaacat	ggttcttgcc	tccacacact	tgcagttant	720
agggcagact	gacgacatta	aaaagatcca	tcgggggtggt	ataat		765

<210> 3552

<211> 789

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(789)

<223> n = A,T,C or G

<400> 3552

ttaaaccctt	tgacacccta	cttgttcttt	ttgcaggatc	ccatcgattc	gaattcggca	60
cgaggtgggg	acgagccctc	cccatcctga	gtccacaggg	agatccacag	ctcacggagc	120
ctggccgcgg	accctcccca	ccctgcctt	gccggcccct	gcacatttag	gatatgctcc	180
tgggtgggga	ctgggctgtg	cccagggcct	ctgtcccca	ggatgtcttg	tgggtcgggg	240
cggccgttct	gccccccagg	gcacccctg	ttgtaggcac	tggctaggga	ggggcaggcc	300
tccttctgcc	cctcgagaca	ctcttgggag	atgcattttc	cgtctggctc	acagggggag	360
ggtgaggctt	tgcacccag	cccctgccca	agccactgtg	aggggtgggtg	ctggctgagc	420
ccccggggca	acangagcca	agcangtgat	gtctttgttc	tcgggtccca	cagcagaacc	480

aggtagggg	ggcctgcc	nggccagacc	caagtggggc	agcctgaacc	tgttcccct	540
gtggccgga	tccccgatc	tttacacact	ggtgacctg	aaagaagaag	gaggaaggaa	600
ccttgcnngg	gtgtctgaag	gccgcactgt	cagcttggcc	ggtccaaacc	tgtngcttgg	660
aacttgggg	ctgtttacct	aataaaagtn	cccacaagt	ccctnantta	aaaaaaaaaa	720
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	780
ntnnnnnttt						789

<210> 3553
 <211> 775
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(775)
 <223> n = A,T,C or G

<400> 3553						
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gataacactg	agaaaggagt	atggtatact	tggtttgaac	tgtgtgctac	actaccaggc	120
cccttccaca	ttatactact	aattttattta	aaatagatag	gtatcacact	gagaggatat	180
aaaaaaaaatt	tctgcctctt	cattttttgtt	tcttggttga	acagaaaaaa	tgacccaaat	240
attgggagta	cttctaagga	aaaggcaaca	cacattccag	ttaacacttg	gatgtgaaaa	300
tatcaatgaa	tattagaatt	tataagtcaa	actggctctg	ctcgttgatt	gcaattttta	360
gttacattca	ctattttgtg	ctaaatttaa	gtcattggta	tacgactggc	cagagtcctt	420
ggtttttaac	attactgaga	actttatata	tactcttaat	gggtatttta	tataatgtcg	480
aatgaaactt	ttatttttag	atttttaaaa	aatattttgc	actttggact	taattttaca	540
ctaaattgta	tcagccagcc	taagggcatt	atgctaaatg	taaatctagt	tcttggttaa	600
gcttttattg	aaagatangt	ggtgctgtaa	gttaatatat	tgtagtgaag	gtgtgggaga	660
aaagttaaat	tggcacttaa	atcttanttt	tcaaggaaaa	cgtgtcccgc	acatactgca	720
ttatgatgga	cttgtctcan	gtgaagtga	gaagtgaag	aatcaagtgt	atggc	775

<210> 3554
 <211> 828
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(828)
 <223> n = A,T,C or G

<400> 3554						
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ggtatactac	aatatgattt	aactgttatt	ttggggataa	atagtagaaa	aaagtgaaac	180
agaatgaagg	cagggtgttn	ttattcta	gatggaataa	tacagagata	ctggacgatc	240
tctagcagtt	aattattgtg	acccatataa	aattatacag	gtcacagtat	aattctctat	300
taccgntttt	acaccagtaa	gtcttagata	aactaagcat	gcttatgaat	tatgtataca	360
gttagaatgc	attattttta	cagaggaaca	attgcttgta	tgtactaaca	ctgnactctt	420
ggcttgccct	aagttctact	cattattnta	tataaaatac	tattaggctg	ggcacgggtg	480
ctcacgccta	taatcccagc	acttttggga	ggtggangct	ggcggattac	ttgaaggcca	540
ggagttcgag	accaccttgg	ccaaaaatgg	ggaaaccccn	atctctataa	aaaatacana	600
aaattanccc	angtgcctg	gataccatgc	ctgnaaatcc	ancttctttg	ggaaggctga	660
aggcacnggg	aatcggtctt	gggccccggg	gaancacaag	tttgcaaatg	gagcccaaga	720
nccatgccac	ttggaccnna	aanccctggg	tggacaagag	tgcaacactt	gnntcanaaa	780
aacccaaaaca	aaaaacatca	gantantggg	ttggngaagc	cnanttgc		828

<210> 3555
 <211> 782
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(782)

<223> n = A,T,C or G

<400> 3555

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ctcgccnaaa	canataggnc	ggggcgcat	acatgattct	gncttaacga	agatagaagc	120
atnttattgc	ataagtttct	ttctgtgtgt	gggaatcata	tgtgggtgta	tatatgttta	180
aggggtatgc	atccgggtag	acgtttgtgt	gtggacatgt	gtgtacaggt	atataagtac	240
atgtgtcata	gccttggtac	aggtctcata	gccttgccagc	actgtgttcc	tggcgggagt	300
ggcatcngtc	tgcatgtctg	aaaatgccac	gtgtgcattc	tgctgatcac	caaggtnngn	360
ggctgtaggc	atcctctctt	cantgcgtca	gaagtctgaa	gaacatgtag	cngcaccggg	420
gcgncatgag	aaagnaacnt	gtaggattta	tnaactcatt	tcttgaagcc	actcactgtn	480
tgnttttaag	naccaannnc	gattgcccat	tgccaantac	agaanagact	tcntttgggtg	540
agtacangna	tgagngactt	ctctccnnng	gncnnnctat	aatgaactnt	cngaatacctg	600
acttcncgca	ncagtcncnc	ggactcccct	ganctgggct	nnttccgctc	cccacannga	660
aatnangcnn	tnccccattc	cccaaangnc	gnccccccnn	ctnccncccc	nnccnccccac	720
ccnccnccnc	ccnccncccc	cccncccnc	cancccnnnn	cncngcccn	ncnccncccn	780
ct						782

<210> 3556

<211> 754

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(754)

<223> n = A,T,C or G

<400> 3556

ttanatacan	ctacttggtc	tttttgcagg	atcccatcga	ttcgaattcg	gcacgagcag	60
cgcccagctc	cgaggttgga	gcagccccgc	cgggcaactt	gaatttctgc	aaacgaacac	120
agcaccggga	gctctgcaga	cctgtgtcgg	cgcggaaccc	ggactgagac	atgccttttg	180
aacttctcag	atagaggaac	cccagtgaag	actgatcagt	tcttacaatt	ctcaaagcat	240
ggcccataaa	tatgtgggtt	tgcatgatca	cggatcagtg	acatttgagg	atgtggccat	300
agccttctcc	cagcaggagt	gggagagtct	ggactcttcc	cagaggggct	tgtacagaga	360
tgtgatgttg	gagaactaca	ggaacttggt	gtcaatggca	ggacattccc	gttctaaacc	420
acatgtgatc	gccttatttg	aacaatggaa	agagcctgaa	gtgacagtga	ggaaagatgg	480
aagaagatgg	tgacacggat	aagaaagctc	cagtctacaa	acaaaacatg	ccagaagatt	540
tttaggcgat	gatgccacct	gcacatggaa	ccaaaagatt	tgcatgttga	agatgatata	600
atcggtctga	aagaaatgcc	cacctctgaa	aactgtccat	cttttgcctc	acatcagaaa	660
ataagtagac	agaaaccacg	tgaatgtcag	gaatatggaa	agaccctttg	tcaagactca	720
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<210> 3557

<211> 751

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(751)

<223> n = A,T,C or G

<400> 3557

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catttattga	agagacaacc	ctttcctcat	tgtttgcttt	tggcattctt	gtcaaagatc	120

agttgtccat	aaatatgtgg	ctatatattct	gggatctctc	ttttgttccc	ttggtctaca	180
tgtctgtttt	taatgggagt	atcatactgt	ttctattact	gtaattttga	tgtatatattt	240
gaaatcaaat	agtatgatgc	tgctagctcc	attctttatg	cttgagagtg	ctttggctat	300
ttaggttctt	ttctagtctc	atacaaattt	taggtttatt	tttatgcttc	tgtaaaaaga	360
ggccattgga	atttttagtag	agattgcatt	gaatcttttag	atctcttttg	atagtattga	420
catattaatg	attctaattt	cttgaatcta	tgaacatgag	atatctttcc	gttcattgtg	480
gtattcaaca	aattcattat	tattattatt	antattatga	ttattatcat	tattattgag	540
acagagtctc	aatctgtcac	gcaggctgga	gtgcacgatt	tcggtttact	gcaacctctg	600
cctccggctt	caagtgatcc	tcttgctcca	ngctcccaag	tagctgggat	tataggcacg	660
tgccaccacg	cctggctgaa	taattggatt	tttagtagag	acngggattt	taccatgttg	720
gccaagntgg	gtctngagcc	tttagaacta	n			751

<210> 3558

<211> 747

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(747)

<223> n = A,T,C or G

<400> 3558						
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gaattcggca	cgaggccaca	tagcaatggt	ntaactgcag	gactcaggtc	cacttgccca	120
gcagctggca	gggaagggcc	atgaggcagt	agagtcccta	caggccaaga	aactgagcag	180
aacccatgcc	tccagctcac	cagctgcatt	gaagccccc	gctggcagg	agactgctgt	240
gaatggacag	ggtgagctca	tccccttgaa	gaacattgag	ggagaattgt	caagtgctat	300
tcacatgacc	aaggatgcc	ccaaggagc	tctacatgcc	accatggacc	tcaccaagga	360
agctgtgtcc	ctgactaagg	atgccttcag	tttgggcaga	gatcgaatga	cctccaccat	420
gcacaagatg	ttgtccctgc	ccccagccaa	agtctggtcc	agaatctggt	ccacaggatc	480
tctttcaaat	gtctcagata	atgctggtgt	tcaagggagc	cctcttgtga	ataattatgg	540
ccaggggtca	ccagcagcca	acagtttca	ttcaccagg	ccctggaccg	ccaaacagct	600
actcanctgc	ttactggcc	cacaagtaca	gaccagagac	aaagcaagag	aagaagcaga	660
gactgtttgg	cccgggccc	agaagaagct	tgctggcnaa	ggggacgttc	caacgaagag	720
accactgtcc	ttcagcagg	anttaca				747

<210> 3559

<211> 778

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(778)

<223> n = A,T,C or G

<400> 3559						
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gaatgtagaa	attagtagga	aagtgaatgc	ccactagggt	gaaacctgaa	agcacgggga	180
cctgcgatct	tgtttactgt	tatatctctg	ctgcgcagct	caggtctctc	atgtaaaaaa	240
tgagtgaatt	tattttctag	ctggtgccta	caaaaatac	tgcaatgtat	ccatactggt	300
ttattaatgg	taacaaatga	accgtactaa	tatgagataa	taggggaaac	tagatatgga	360
gtgtatggga	attctatctt	tactatttct	ggaaacctaa	aactactcta	aaatagaagg	420
tttatgtttt	gaaagcactc	tgctcattgc	gctcttgtct	gaaaagtga	gcctggcctc	480
aagccacttt	gagtatttct	cttctgccag	ttaattatct	taccattgcc	tctcagtgat	540
attaagagaa	aacccatcct	taacattttt	cattactttt	taggttcaaa	atgagcctgt	600
ttggaacaac	ctcaggtttt	ggaaccagtg	ggaccagcat	gtttggcagt	gcaactacag	660
acaatcacia	tcccataag	gtccacgaaa	agctttctgg	ggctttagag	aagaagtttg	720
ggcagagttt	cttccatcaa	nggccagaac	ccgagatgac	cttggaacc	tcctttan	778

<210> 3560
 <211> 772
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(772)
 <223> n = A,T,C or G

<400> 3560
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 aaaaaagcca tatggcatag aaaaaaaaaa ttctgtcttt ggaggaaaaa ggaaaaaagt 120
 cccaggtttg aagccagttg tggcctctta ctaggtatat tattgagtct ttcagctctg 180
 tttcaaaatc tagaaaatga gttcagtatt acctgtttaa atttgtgaat aacgcattga 240
 tgtacaccct ggattcccta aaactgtctt aactgcgtga gtccagtgga ctcagtgcac 300
 gagtctaaat ccttagactt ctatcagacc ttctccccta gcagtttcat ttgctcttta 360
 aatacaaaca ttggacactc atgcagaacc acagaaatca tgtagacaaa ctagaaatta 420
 tcgtgcactc acaaattata gcttccatta ttaggtaata catgctaaac cctagcaaac 480
 attaagtacg tgaactccta ttactaaata gtaatcactc aagtaaaactg gacaaaatgt 540
 cttacggagg gtcacatctc atgtgaaatt aaaccatggt gcaggcagtg ctacacctga 600
 gattttacac aggtatttac atttcttttg cctttgtggc aatatgtgcc tgtaaagata 660
 ggctattaga gaactgggca atgagnaacc ctacacnta aagtacaagg aagnnatgtg 720
 ccatacagc agattttttg cttatttagt tagtaatgaa tcctcaaact ct 772

<210> 3561
 <211> 771
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(771)
 <223> n = A,T,C or G

<400> 3561
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 ccagtacca attctaggat gaccagaaga atgattccac tgggcttggg agtggttgct 180
 ggtacctcta atctctngt anagttnatg gtacctgtgt gctctgtggc taggtcctca 240
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 gcctgaatcg ctcagactac atgttccagc gcagcgcaa tggctcccca ncctgaaaca 360
 gatcgaaatc aacaccatct ctgccagctt tgggggcctg gcctcccgga ccccanctgt 420
 gcaccggtgg gtcccctggg cagnccccgg catacctgtg gggtgacatg ctgatgggtg 480
 tacagtcact ggctaggcca gggaactcca gctatgattg tgcttttctg ggccccgggt 540
 cacatgttgc ccctgnccac cccgacagca gttnnactt gtaatgagat ccttggtatg 600
 tcaaggagaa aaaggacctc atagctcatc tagtgctgtc ctccattgaa caggcagaag 660
 gaacaatatc ttgaaaaccc caaaatanag gaaatgcaag ggacttctgg cttggnggct 720
 gngcctggta catcatttct accagcattg atgtccagg ttcaatgatt t 771

<210> 3562
 <211> 786
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(786)
 <223> n = A,T,C or G

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<400> 3562
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agaaacacct cccaaattgc agtggtcatat ctcaggatga tttcttcaag ccagagtctg    180
agatagagac agataaaaat ggatttttgc agtacgatgt gcttgaagca cttaacatgg    240
aaaaaatgat gtcagccatt tcctgctgga tggaaagcgc aagacactct gtggtatcaa    300
cagaccagga aagtgtctgag gaaattccca ttttaatcat cgaaggtttt cttcttttta    360
attataagcc ccttgacact atatggaata gaagctattt cctgactatt ccataatgaag    420
aatgtaaaag gaggaggagt acaagggtct atcagcctcc agactctccg ggatactttg    480
atggccatgt gtggcccatg tatctaaagt acagacaaga aatgcaggac atcacatggg    540
aagttgtgta cctggatgga acaaaatctg aagaggacct ctttttgcaa gtatatgaag    600
atctaataca agaactagca aagcaaaagt gtttgcaagt gacagcataa agacngaaca    660
caacaaatcc ttntctgaagt gaattagga actccnagga gtaatttaag accttnacca    720
agatncatgt atactgnggt acaatgacag ccatggttca tatggttgat ttttattgcn    780
catggt                                         786

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<210> 3563
<211> 838
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(838)
<223> n = A,T,C or G

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<400> 3563
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ttaaactctg gccngccntt cctaattctc agaccaacaa gtagtgtttt cccattcgga    180
tcgcttanca naaaatgagg agagtcctgt ggccatcanc tttattgnaa gccgaaccac    240
tgtnagcaaa aataccaagg agaggntctga tcccactntt gnaanaaaaa gaaccatgag    300
ggcctgcn n aatncaactg gacnttgggg atactcactg aagaaggtn atctatttag    360
gaatgcaaat tgtcttncta cccagacnc cccaacaana aanacttggg gtgganggtg    420
anatatnnca gccaaagnaan aacngtttgc atntntcctt nttggttnga caaagacntg    480
ntnccanatn gtcctcaaag gtacataaat acanacatat gatatttgtg tatatataaa    540
cacatatgtn tagtaanatc cnncatttac cttggggnga gacttgaaga aacnccagcc    600
ttctttctag agagcctctg cttctgtgat tnacctgtca caaaagccca tacctggttg    660
tcaaaccctt tccttgtaac tganggagng catnttacga atatggngt agagtaaagt    720
agccaagtgc ntatnggaaa atttaagcgn gaaaaannna attannaaaa attccnaaaa    780
cagcccaata atctnnaggn tggggaaann aaaaaccgcn nntnggtnt tttgtntt    838

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<210> 3564
<211> 676
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(676)
<223> n = A,T,C or G

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<400> 3564
aacntnttta cantcactgg tcttttgcag gateccatcg attcngtgaa gtggagatat    60
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gtctgtggtg atttatgtgc atcagataag acaaccacct ctcccagnct cgtcagactg    180
gtctcataca ggagaaagat ctcaacaatg tatccngcca gagattttaa gggcttctnc    240
aatctcaaaa acagactgct atatctcctt tttgtggccc actggagcnt ataatgtgnt    300
atgtcctgtc agaaccctca tgaatagnat ggtaggagca agactcttta gacatanctg    360
aaaagcttac ttggtggatg tgtgtatgca gntccttcta tcttcanggn gaagttganc    420
aaagatgttt atctcccatc attctgtcta acccgaaaga natatttgtc tccattcagc    480

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tgccctctg	tcttggggag	aaagtagngg	aaggggcccc	tctgtgtcac	ctcttgnntc	540
tgnggctatc	tctcantggn	tctacactta	tanctaata	ttttcaagnt	ctgtgcgggtg	600
gtgcctcaaa	cagngtgaat	atccatnaca	ggtggggggg	cncgaagggt	ancataactc	660
ctcatatgan	anntat					676

<210> 3565
 <211> 781
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(781)
 <223> n = A,T,C or G

<400> 3565						
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aggtgagctt	atcaacgtgc	attcagaaa	tggttatgat	tacaagaatg	aagatatccc	180
agaggaattg	acattgtcag	aaaacttcac	attaatcgaa	ttctcagaga	tgtctcacia	240
cattgaaagc	acaaaagatg	aaatgttaga	agctgggtgca	cagtaaggat	aaaggagtat	300
ggcagttcac	caaggcatgg	aaaagatgcc	tgctccatat	tgtaaagtta	tacagtgaga	360
agaaggaggc	gaacatagtt	cagactactc	ttggtaggtt	tttaccaaaa	aataaaatat	420
tttaagctca	atatttttga	cattgcaatg	tactttaaaa	gatgctggga	ttaaaggcgt	480
gagccaccgt	acctggccct	tggtggaatc	tttaggggtt	tctattcata	catataaaat	540
catatcattg	gcaaacagag	ataattttac	ttctctcttt	ccaatttgga	tgcttagat	600
ttcttttntc	tgcttaactg	ntctgtctag	aactcccagc	ctatgctgaa	tagagtggca	660
agaacaagca	tttgccttgt	tnctaaccct	agaaaaaaa	tncttcaccn	tttaccattg	720
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t						781

<210> 3566
 <211> 762
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(762)
 <223> n = A,T,C or G

<400> 3566						
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aaattcttct	ttcaaggcag	ttgtcttcgt	atctatcatt	ttaccatacc	tggttaaaac	120
agagtcccag	gtacatatta	aagcaagcct	tcatacatgt	tgccctctta	tctaaaagcc	180
tcttcccact	cctttccctt	tacctggtaa	tcctgttat	tccttagatg	cctgctttaa	240
agagatttcc	tttggtaaat	caccctgaac	cctcagacta	gtccagacct	ctctttgata	300
ttttctctt	gacattcagc	atztatccca	attgaaagta	ataattacat	ttgtgtagtt	360
attagattat	ctgtcttctt	tagtaaaaag	taagcttatg	ggctgggtgc	catggctcat	420
acttataatc	ccagcacact	gggaggctga	ggcaggagga	tcacttgacc	ccaggagttt	480
gaaaccatcc	tgggcaacac	agaaagatgc	catcaatacc	aaaaaaagga	aattaggtga	540
gtgttaaggt	gcaccagcca	ctctggaggc	tgantggga	ggatcacttg	agcccggan	600
gtgggaggat	cacttgagcc	cggaagtgg	gaggatcact	tgagcccagg	aggtcgaaact	660
gtagttagct	gtgatcatgc	cactgcctnc	acctgggcaa	cagantgaga	ccgtgcctca	720
aaaaaaaaaa	aaaaaaactc	gagcctntaa	actatagtga	gc		762

<210> 3567
 <211> 773
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(773)
 <223> n = A,T,C or G

<400> 3567

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tgcagtgcaa	tactccttct	ggtgtatitt	atccattatt	tcacttgctg	gtcgtcattt	180
cacagccagc	tttgacatgc	ccgtgaggac	aggagccgcc	gcttcagttg	tcactgcaga	240
gccatcgat	gtcagttgca	atttccatct	gaagctatgt	ctttgacttc	actttaagca	300
gaaaattttg	taccctgggtg	gtcgagtctt	cccttaaaaa	ttgttaaata	atttggcttt	360
aatgggttcaa	taatttgggg	tggcttcagt	gtgtttcttt	tcttcccagt	ttaaaaaaaa	420
aactttttta	gcgtaaaatc	ttaaggggt	acacatttat	aagtctggct	aatttctaata	480
atgctaatta	aacattttccc	attttaaggt	tatatacagt	gaggctcttc	aggacaatta	540
ttttctgggt	tgattgggca	tatgtttgcc	cgtgtaaaca	cggatatgat	aaagtgtcag	600
taacaatgga	aaagggtccc	gaggcattag	gcacctaaga	ngatgccctc	agaaacgtat	660
tctggcttga	tttgtgttat	taacttcaga	agaacctttc	aaatgtocca	atatcgttct	720
tagtgctttg	ggaaaaaata	tttaacacac	tggtataata	tttgtatcag	aag	773

<210> 3568
 <211> 795
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(795)
 <223> n = A,T,C or G

<400> 3568

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ttgctttcct	gcactagatt	gtgagcacca	tgacattagg	gatcatatct	ttncattgta	180
ctgttancta	cacataacan	actgcatgct	atacgttggg	aaatgttaan	tnaatgaata	240
tcttcncagg	ctagcttttt	tgatcgcccc	aacgcctagg	ctagttttct	ctcatcctgc	300
ctcanantgc	tgtggtgatg	catcccgcta	gcacctgcag	agacancccn	gntggtaatg	360
ttggccacag	nnccagctnt	gctgccagt	cccatcgatg	nggacatgga	ggcggtccta	420
gcttcaagct	gacggtgctc	ccctgctgat	acanaaactc	ctgattccaa	agctcattat	480
tttggttagnt	ttatgcctcg	tgtctntgta	tcaccacccc	catngntaaa	gcctggtnnt	540
tatgtctgga	gaangaaggc	aatnggaggg	aggaggccta	atgngctcaa	aatcacccct	600
ttttntatg	aaagtgcctc	aaactcattt	accttggtct	tcnanacctg	aggaatgact	660
nnttttcttg	cnanactctt	tggttnctca	tttaaaatgg	accctggggg	gggaatttct	720
tttcttcaat	ctgacagaan	ctaaattttg	nccctgttnt	caagggnaan	caccaactgg	780
ggcttntact	ngggg					795

<210> 3569
 <211> 801
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(801)
 <223> n = A,T,C or G

<400> 3569

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cgctcagatg	ccagtcacaa	gtcccaggcc	tctcatactt	ctgaccgact	ggctacaaat	120
cagggggttc	cactacctcc	tcagattaga	taatttgctg	gataaaactc	aggaaacatt	180
attattaagg	gcacaactca	gcaacagccc	agtagaagag	gtgcacggag	caagcaccgg	240

ggggacgtgg agtttctgtg ccctcctag	gtggcctcct gccagctca cccttgtgtg	300
tgcaaggtcc ccgaatcttg tagttagagt	ttctgtagaa ctcaatctct aatcctttcc	360
ttttctcttc atttctcttc aggataaggg	accgggggggt cgggtgctgaa agttccacac	420
tctangcact ggggtctcttg ggtgaccagc	cccatccaga ngccatctag gagggtgct	480
tttaatcaca gcgttagcat taacagttgt	gattgaaang ggcttgtttt gaacaataaa	540
aaatatttct atctcaggaa atcccaaaga	tataggaact gtgccaggaa ctagagacaa	600
agatgaaata tgtcttatat cacatttctt	ttgaattggg taaagtgcc ataagacaac	660
aaaaaataat attaacccnt ttatataaca	cttgggggta ggtggttata aaataatcta	720
aaagatgaat ttaaaagtat tgggggagga	tgtacatagg ttatantgcc aaatacctat	780
gacgttttat ataagggact t		801

<210> 3570

<211> 735

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(735)

<223> n = A,T,C or G

<400> 3570

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ccctccctcc tctgtcctca tgccgccttg	tgcggtgtcc ccagctgttg gtgtcagggc	180
aaggacaaag acccgngaca cctcangtct	gagtcctggg gattgccagg ccctggggaa	240
tgggggaaga tgtggtcaga ggctnttctt	gtgaccggng caagatgtnt cttntgctgg	300
accggcacct tttgtttgtn ccattggtgg	cagatgtgag cnacatcagg cgctttctca	360
gtgnatttca cgagccacan gtggggctna	tccaagccgn ccagcancgt ctgtgtgatg	420
agcaagcccc acagaggnan aagctgctgg	ctgacctcct gcacaacgtc anccataaca	480
tngcggacga gaccnngnct gatgaccccc	gtggnttgaa gcttgagatt ncgatttcan	540
agcangntg gctatctgan atacancgtg	nagagccgga tcccagagta cctgagggan	600
gtgagctcct accntccacg gtgggtgcgg	agnctaagag gaattctgcg gtcttgctca	660
ttgcagagct ccgtcatcat catgcnctat	tcaaaagacc aagcggagcg cttgcacgaa	720
gtgttctgca ggtct		735

<210> 3571

<211> 766

<212> DNA

<213> Homo sapiens

<400> 3571

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gacagatcct ccctctgcag atggtgagca	gtttcccact cggctctttt gattgttctg	120
caattttcaa tgaccatggc acaaatttat	ttaaagctga aatacttcac ttctattaaa	180
gcagttggct gggatatattg tttttgctga	aattattact ctaggaggta aatctaggct	240
ttatttacta ctttgggaaa gtacatttaa	aggccatgaa tcagaaacta ggttacaac	300
gttaagactc aaaggatctg tatactgagg	cctatatattc catgaagtgg ttctctactc	360
tcagcaaate tagtattgct gaatgttgta	gcattataag caggaaaatc atcttactgc	420
acataatcta tccccacaga aacctatgac	atttaggtat tatgcaggca tgtgtcttca	480
gttggtgtgc tccttatttt aacctatgtg	ccctataaat acttcagatc caaaagggtt	540
tttccacact tcgttataaa aaagtactaa	ctagcacata tctgcatttt attccgggat	600
ccacatctcc aaaaagttga ttataaagtt	tacagcaagc atagaattca aaatttcctt	660
ttttttctaa atgaccaaca atacaaactt	tctcatgtac acacacatga gaacacacat	720
gcatgtcata cacacatcat gcattcatca	cacaaagcaa gcacag	766

<210> 3572

<211> 773

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(773)
 <223> n = A,T,C or G

<400> 3572
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 ntttggnntg ntnacatgag tttnatatgc atgcgcattt ttggatgcca aacacatagg 180
 cagatgaaac taagaagcca gatgctagag atgcgcagnc gatgaattga aactagccta 240
 actggctcca ctgttgaggt cattngctca aactactcca aacttttggt tgntctactg 300
 aaaacattan tnggaaaggt acagnntaa tttanggcng ggaagcctnn atcncgtgag 360
 agtnaggtct ntntatgcga tgctggnaag gaaggatnng agatgagagt nattttacgg 420
 ggcctatct cctcctcttn ctatcntgcc ctggactgcy anctcatctt tcatannctc 480
 ttgcntgggt gtaggccag caancggatg gattttaagn atctcagaat tttcanttna 540
 tcannntca cnttcagagn tccttttntt tntcaagggt acccagtcta actggttagc 600
 ttcttttcaa tagncctcct tactnactta cgcctagtca nggacgaana ntaatggtaa 660
 ctganttact ntctccaac aaancattag ntgattngac tttttacncc tcattcngan 720
 ggcnttagac cccttttggt cactttacnc aaggatgttg anacctanaa ttt 773

<210> 3573
 <211> 790
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(790)
 <223> n = A,T,C or G

<400> 3573
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 caacatgacc acagtccag aactgtcaga agataaat tctgtgttct cagccatcca 180
 gtttggtgta ctttgtaacg gcagccctag gaagctgatg caggtgggat tgattcccct 240
 gctccagaga aaggactgtt ttcacagaag aggcgatgct tgaactgaat ctgaagggat 300
 caatgtggct tcccttgga aggcattgag tgaaggtgga gtatatccca agtggggagg 360
 acagcacgtg acatggcgca gggcttatga aacaacatgc cttcttctct tcangtactt 420
 aagctacatt agtaagacca gaacttagtg gtgagggttg aagctggctg gacaggcagt 480
 taggagttag tcangcgatg gtgagcctcc gtgccagaac aacttgtagg ctgtggaagc 540
 aaccgcgaaa gggatggcag cggatgata tatagttgaa agatcactgt ctgctgtgta 600
 gaggatggat ttggaagagt caccanagca ggaataagaa gttaaagggc ctgcaccagg 660
 gctttagaca tagagtttna gaaagtcttg gggagaattg antcaccttg acctactgat 720
 tcatttggaa ngtgggaatg caatcatggg ggtaagtcc ctaagatagg acctttnaag 780
 tgtanggatn 790

<210> 3574
 <211> 715
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(715)
 <223> n = A,T,C or G

<400> 3574
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 ctctctgcag ctgctcacct cctgctgagg cctctgcctt cagagctagt ggggctgct 120
 cacacattcc agtagtttcc tctttatttg tcctgaacca agttgtagaa tttaaaggag 180
 gtgaagtaag gcgatttcta tggaaaatat atttttcttc tttactctc atgctgagtg 240

cataagaatt	tattatttcc	cctgaatggt	caaagtgggtg	tgtgtgtgtg	tgtaaaagaa	300
ccaggagcaa	acaatcttaa	taggaatgtg	cgatcttgtg	tttatcttta	gcacacttaa	360
ttagctacaa	cccgggactg	ttgccatttg	aacaagttgt	taagaaaatc	tgccatgttt	420
tgctcttttt	caaaaaggaat	gactttaata	accatagcaa	cacttactca	gttttgtgat	480
ccactccaag	attatgggag	caagaacaga	tactcctgaa	agcaaccctc	accttctccc	540
cgccccctgc	cctcacaaagt	cctgcctgtg	tgaactgaag	ggtttggaag	ctctgggttc	600
taggantgcc	cagaagctag	aaagactang	gtgtctagtt	attgaggggc	aattgtcant	660
ggcagtgtgg	gggcacccca	ntggtattcg	aggcactgga	ttgctttttg	nctcc	715

<210> 3575

<211> 750

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(750)

<223> n = A,T,C or G

<400> 3575

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cccaaaagca	aaaccctgag	gcagggatct	tggttgaagt	ggggagggga	tcccagaaag	180
tggggtgagg	gtacggaggc	atgaggtagg	aaaggggaaga	aaggagataa	aatgtgtgtt	240
aatgagcagg	ttagcactgt	ggaccaccac	gctcaatccc	actgagacgt	gaggaagctg	300
ggaatgtatc	caccaggcct	taattttatca	agatgaggat	tactcctgag	atgttaactc	360
cttggtgttg	gacctaggct	gaacatgctt	ccgtagccaa	gaaagggctt	cagggtgaaga	420
gacacagaga	accttctgca	ggccacattc	caggctggga	taaggggaat	tgggtgtgac	480
atcaatagca	tctcatccca	cagtgaacta	agaagataga	agagcaaagt	caaggaatat	540
ttgcatgctt	tcaataactta	ctcatcaaag	ggtcgactcg	acttanaaga	aattacaagt	600
cctgcttacc	atttttcagcc	caatatgtct	acgttggcca	agccacagct	gccttttaaat	660
agtaccaact	cttgaaaaaa	aaaaaaaaact	cgagcccttt	anaactatnn	tgagtcgnat	720
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<210> 3576

<211> 749

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(749)

<223> n = A,T,C or G

<400> 3576

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ctgtaaatat	ttatgaanat	ctgtganagg	cactaccctt	accctggagc	taacctgtga	180
cccagagagc	aaggactctt	gctttttacag	aacacatatt	cttgtggaat	gagaggggct	240
atcatcaant	aagcaaatca	ttcnatgnan	tgtgttantn	tattttccca	ttgctttaa	300
gaaatgcctt	ttntcgggta	acttataann	aanagaggat	nnattggctn	atggntccac	360
aggctgtacc	ataagcatgg	tatcatctgc	tcagcttctg	gggaagcttc	angaaactta	420
cagtcatggc	aganggcaaa	tgggaagcca	gcactttaca	tggncanana	aggaggaaga	480
ganagagaga	ggcacgaggt	ggtacacact	nttaancaac	ctgatctcgt	gagaaccac	540
tatggtgaga	acagcataga	nggaatgatg	tttaaccatt	catgantaac	caccctcatg	600
atccaatcnc	ctgcaagcat	gnaccaactt	caacactggg	gattacaatt	tgatgtgaaa	660
tttgancagg	gacacaaatn	caaactcatc	actaagtatc	agngccttgg	gaaaaaata	720
cgtnnnntcca	nnctngatag	atnccntnt				749

<210> 3577

<211> 745

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(745)
<223> n = A,T,C or G

<400> 3577
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gcatgagaaa cagcgagggtg tggcggagcc tgtgcgccc cagcctggca gaagaggctc 120
tgcgcacgga catcctgtgc aacctgcccc gctacaaggc caagatacgt gcttttcaac 180
atgccttcag cactaatgac tgctccagga atgtctacat taagaagaat ggctttactt 240
tacatcgaaa cccattgct cagagcactg atgggtgcaag gaccaagatt ggtttcagtg 300
agggccgcca tgcattggaa gtgtgggtggg agggccctct gggcactggn gcagngattg 360
gaattgccac anaacggggc ccnatgcagt gccaaggtaa tgtggcattg ctgggcagtg 420
atgaccagag ctgggggtgg aatctgggtg acaataatct actacataat ggagaagtca 480
atggcatgtt ttccacagtg cancactnca ccaaaatata agataggaga aagaattcga 540
gttatcttgg acatgggnana tatgactttt gcttttnaac gtggatatca gttctggggg 600
nngnttttng aggactccaa agggctggtt attcccagca nttnatgctg tatatggggn 660
cncagaantn actttggttn nactnggnaa acctttgtac ggnnacaann gnnnncttgn 720
natnctnctn nnangnnnga naaat 745

<210> 3578
<211> 752
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(752)
<223> n = A,T,C or G

<400> 3578
aaatngctag gctactcggt cttttttgag gatcccatcg attcgaattc ggcacgagcc 60
cagctctttt ggaagctgag gtgggaggat cactcgatcc cagnggntgg agacttgcc 120
gggcaacatn ntgcancctn ntctctaaan atatntnttg catngantng cccgncatgg 180
tggtgcacgt ctatagcccc agctacttca gaggtgatg tgggaagatc ccttaagcct 240
angaggtcng aggttgcaat gagctatgat ngcaccatta cncctccagc tgggcgacag 300
ancgagactc cgtctcaaaa aaaaaagaaa anngactntn nncgaangga gacacgtnaa 360
agtcttgcta attgtcatat ccactcccaa ntntagcctt tctggatgat gnccattcct 420
nctgcaatnn ccttatnata catctnaacn ttttgcaacc tatgaactgn ttcgtanant 480
taattactac caatacacc tatgtacagg agcatangga aatcaanaan antgangaat 540
tnnantctat taaaggccac nagaatggnt nacacctgta atcccaacac tntgggaggc 600
cacngcgagt ggatcacctg agatcangag ttcgagactg gcctggnaaa catngtgaaa 660
ccccngtncc tactaatggt ncaaanatta ccaagccgtg gtggcacgtg cctgtgancc 720
caagntnctc nggaagctgt agcangagaa at 752

<210> 3579
<211> 725
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(725)
<223> n = A,T,C or G

<400> 3579
gtgttgaatc nttctcncat naaacncttt gganaccac cgattcgaat tcggcacgag 60
ggtgattggg ctggttctgt accgggtgta ctccgtgggg ggcgtnatct ggcaaaagcct 120

tggaggtggg	actgtggagg	caccattgat	tgaactgtgt	cccctgcagt	tcacatgttg	180
aggcccaaac	ccccagtgtg	gctgcatttg	gagtagggca	gtaattatgg	ttaaatgagg	240
tcgtatgggc	gggtgctgat	ccactaggat	taggatcctt	ataagaacct	gccaccttct	300
ctctgccacg	tgaggacatg	gggagaaggc	ggctgcctcc	cacccaggag	gagcccttac	360
tggacactgg	gccttggtcg	caccttgacc	ttggacttct	agtccccaga	actgtgagaa	420
gtagatttct	gctgattacg	ctttcctgtc	tgcggcctga	gctaagacag	cggcgcttgg	480
ggagaagcag	aatttgagga	gctcctcant	ggcaggctgc	cctggccctg	ctgtcagcag	540
aggggaatgg	ccatccatgc	tggccccctac	cagccggggc	ttcantgagc	tccccgggta	600
ggtgaanctc	tctaactctg	tgtcccccg	aaacaggccc	acgagccaac	gcctatgggg	660
tggantgaaa	attangaaga	aacattaccc	ganggggtcac	tctntttnan	aagacctcaa	720
tggnnt						725

<210> 3580

<211> 737

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(737)

<223> n = A,T,C or G

<400> 3580

nggtnagtta	atttagcctn	gtgaactcct	ggaacnccga	ttcgaattcg	gcacgaggag	60
cagagatggc	cacagaagcc	agagaagctg	gacgaggcct	ttttggcaac	aaaagagtga	120
cttaacgcag	ttctaattgtc	ctacattttt	atgctcttat	cctgcagtta	caggataagt	180
caagatacac	ggtctacaaa	gaaattttgt	tctaatttta	taatagtaga	gatggggtct	240
cactatgttg	cccaggctgg	tcttgaactc	cagggctcaa	gcaatccgcc	tgcttaggcc	300
tccctaagtg	ctggattaca	ggcatgagcc	actgaacctg	gctgtacaaa	gaaatttatg	360
gcagagagat	atgctcttta	ttttggggag	gtggcatggc	attatcaaaa	tagcatgggc	420
tttggaatga	aaaccttggg	gaccgtgagc	aaaggaagca	tcatttgctt	gtcttcaaaa	480
gagggatagt	gcaacttaac	ctgcaggagt	aaatgagata	acaatataat	agtattttatt	540
aacagagtct	tgctgtgtac	ctatagtaca	tcaagattcc	atttctactt	tttttccttt	600
ttcactgnct	aaaagtttta	ataacntttt	aaataagatg	atggtatatc	aaaagccant	660
tataggctac	taaatatttt	taattatttc	ttaagaaaaa	aatttaagct	aaaagaacca	720
aatgggatat	ttttttg					737

<210> 3581

<211> 718

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(718)

<223> n = A,T,C or G

<400> 3581

gtntttatcc	tgctcttgca	ntcgtaggac	cctcgattcg	aattcggcac	gagccctcct	60
tgcccagagc	aggcattgct	catccactag	gcacttcttc	ctgccaaggc	acctcttccct	120
gccaagtcag	tgtctcacga	tccctttcaa	cacagccacg	aggaagccat	gatacatcaa	180
ctggcactgg	caataaaaat	caaacctatt	tgcttatcca	gtcttatccc	actttgttgt	240
tttctctaag	tagttggaaa	acaacatgtc	cagagaaaaa	taccagaact	tattctgagt	300
atgttcttca	gagcaaacct	ttagaatctt	aatgatgttt	agacactcag	gaatgagtga	360
accagttgca	ctgatagaat	caaaacaata	ctgcaaatat	tagtcatgtt	gcctattatg	420
aaatatatct	gtgtgtgtgt	atagatatga	aaaaaaaaact	ctaaagtctg	agttaaagag	480
ccctgccagg	tatagttaaa	tgctctctaa	cctatnaaga	attcaattcc	atttggcacc	540
tccaaatctg	gtatccagaa	ggaagaccag	agaagcagcc	cccgatgcaa	tttgcaagat	600
gtgttctctg	ctgggggtgc	cacacgttaa	cagcagctta	aaaaaaaaaa	aannttnnnn	660
nnatnnntaa	nnannntnnn	tnnattnnaa	ctnnnnnnnn	ttcttncnnt	ttncnant	718

<210> 3582
 <211> 721
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(721)
 <223> n = A,T,C or G

<400> 3582
 tnncttaatc ntgctcttgc atttctgngg acccatcgat tcgcccgaagt gaaaagactg 60
 ctgtcagata gcacttgccct tcccatatt attcagctac tgctgacctt tgaccctatc 120
 ctgttgaga aggttgctat tttgttatac catatcatgc aagataacc acagttaccc 180
 cgcctttatc tgagtggagt atttttcttt atcatgatgt acacagggtc caatgtgctt 240
 cctgttgctc gatttttgaa atacacacat accaaacagg ctttcaagtc agaagagaca 300
 aaaggacaag atatttttca gagaagtata cttgggcaca ttctacctga agcaatggtt 360
 tgttacttag aaaattatga acctgaaaag ttttctgaga ttttctagg agaatttgat 420
 actccagaag caatctggag tactcctggg ctggcaggcg aaccgactgc ggaggcgcta 480
 ctgggactgg agggaaagga ggctgcagga caagctggcg gcgacgcaga agaagctgga 540
 cctggcctga gactctgcgc cttccgcccc ttctgtcccc ctcatggcca ccttgccatg 600
 ttgcgcgcgg accccgggtcc cgcgcgcgc cagaaccagg cttgccacac agtccccgnc 660
 tgccatggcc ggntcttntc ggaatgttgc ttgttgaana tgcatataga ctaccggaa 720
 a 721

<210> 3583
 <211> 723
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(723)
 <223> n = A,T,C or G

<400> 3583
 attgggtncn gctcnttgtt ctgctgcagg atcccatcgn ttccgataat acttgtggat 60
 ctgatgcta aggagcctgc tccttatgca tcaagaaaca cataaccagg tacagaaact 120
 ctgcagagta ctcatgagtgc gcaggaggag ctgtaccaca agaaggaagg gctcagggaa 180
 ggggacatgt ctactcact tgtagcttc cacggatggg atgtggcagt gctcatgaaa 240
 ggatcttga caagtgtcgc agcagaacag ccgtcccat ttgttgaca cctcacatat 300
 atttgagttt tccggctaga aggggagatg tagacatcac cgggatcagt gagacccttg 360
 gaccctagaa tatgtgacct ttttatgtat caaggcaca cttgtaaatt tctgtcctca 420
 aaatatataa gattgctgag tggagatctc agaagacatt ttggtctgcg gcaaagttca 480
 gtagatagtg gctgtgtgtc aggccagaaa agttttcttt atgaaaccag agattctgac 540
 atgatgacta gtgacaaaaa taggatgaat tagagatttt ttgagcaatt tattaacag 600
 ctgggaaaac ctggcccaga aatagtgtct tttctagctg ctacatcgta tnccttaaac 660
 tgacttgnca aggttgattt actgagaatt taatatgant ggaataaact tctgagatat 720
 cnc 723

<210> 3584
 <211> 717
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(717)
 <223> n = A,T,C or G

<400> 3584

tggtgcnnng	tccttgctct	tgtnngetgc	aggatcccat	cgattcgaat	tcggcacgag	60
gtccaggcca	ataatcagtt	ggttaagtga	aaaaagtgtt	taaagtgaag	aattataaag	120
aaagtcatta	tggatctcaa	acttttactt	taattgaaac	cataaaaaca	tatattcact	180
caccaatgtt	ttatgcaggg	ttaatgcctt	ctctttaaaa	ttggacttct	gattggattt	240
ctacctcatt	tttcttatgt	aaacacttat	agttcacttt	tgatatttat	gggttttgat	300
ttttgaaaca	aagggaaaat	gttaaaacat	atactgttca	gtaatgccac	ctaattccatg	360
cgggatattg	cccaggaccc	ctagtggatg	cttgaaacca	cagataccaa	acatgattac	420
tgtcagtcgg	aacatttttt	tttttttgga	gacagagtct	tgctctgttg	cccaggctgg	480
agtgcnntnc	nnnnnnntnn	ntnnnttnna	antantnntt	cnnnttantic	cnnttaaann	540
tttcnnatnn	tttctnnnnn	ntncnnnnnn	tcttattnat	ntnnntnnnn	cntntannnn	600
nnttttnnnn	ttcantnant	antctttttt	caccttnnat	tnntcnnttn	tcnttttntt	660
nnnnnttnnt	ntnttnnttt	nnttnntnt	ntnnnantan	tntntnnnnn	ctcntnc	717

<210> 3585

<211> 746

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(746)

<223> n = A,T,C or G

<400> 3585

aaagggnnntn	attagttatc	cctttccaat	cccgtaggat	cccatcgatt	cgaattcggc	60
acgagatgcc	tgccagctga	gaggcagttg	gattccnttn	gcngagcagg	catttcagca	120
gattcagcag	tcagagtga	ccaagaagg	tgctttagtt	tggagtttca	aaaggccata	180
ctgtaaatgt	gaaccagaaa	tcaagcagcc	ctcagaaaga	ctgaaacgca	tctacggatc	240
atctcaatct	gattgcataa	aggtgggttca	agattttatta	gtgcttttta	ctcgcctctc	300
caatttttca	tatataatgt	ccagcaccac	atcaaaaata	acccagcata	gatggagata	360
agacactatc	actaacacaa	tagaaataga	tccacaaaag	atttagatca	gggatcagca	420
catttattat	ataaaaaggcc	agataataaa	tatgttatgc	tttggttggtc	acatacagtc	480
tcttgnatat	tctttttcta	tttttgntct	ataaccctct	aaatatataa	aaactattct	540
tagcttgagg	atcactcaaa	cactttctct	ggcataatca	ganatatctt	caaactatgc	600
ttcaaatggt	caagggaagt	aactgataag	attgaaaaat	tccanggaga	ngcacaanaa	660
gtcattanaa	aaaaaagccc	ctanaactat	agtggaagtcn	tattaccgta	gatcccagaca	720
tggntaagat	ccattgggtg	agttcg				746

<210> 3586

<211> 728

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(728)

<223> n = A,T,C or G

<400> 3586

aggggttgga	ngaagccctt	tgaattccnt	cggacccatc	gattcgaatt	cggcacgagg	60
ttctgagcag	ttagtacgtg	gcagttgtat	tattagagga	agcctgtctt	gttttttttt	120
aaataagctg	atagagtga	gattctttta	atcaagactg	tttgggattg	aattgccact	180
cctgcttacc	agagtgtagg	cagtttttct	taaactttcc	aagaagactg	gtgtcctcat	240
ctaaaatacg	aaatgcttac	agtaattgcc	tcatgggggtt	gtttgggggtg	actaaatgta	300
gtaggattta	ctacatagta	agttctcaat	acattgtagc	tattattatt	agttcggtag	360
aaagaatgtg	cagattctta	tgagtttaag	taggctttcg	gggagataga	ttgactctgg	420
tcttttaaaa	gttaattttg	aagttgcagt	tttggtatta	agccttaaat	ctgttattct	480
ttcctttctga	aatccttaaa	aacagaatgt	ttagtagaag	gtgataacca	gatttcttta	540
ttccaagaac	tctttgctct	catgtctaac	ctttattttc	ctggacttta	ctgatgccag	600
aagcttctct	tagtnaatat	aatacatctc	ctctctccta	atttgctccc	cgtctttcct	660
tgaaggggaa	aagtaaattt	actttccaag	cctnanggtt	atttatggat	tangtgaacc	720

actgaaat

728

<210> 3587

<211> 787

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(787)

<223> n = A,T,C or G

<400> 3587

ttttgaaacc	ctttatacaa	gctacttggt	ctttatgccg	gatcccatcg	attcgaattc	60
ggcacgaggg	cagagtaagt	acggtaattt	ctgcacccga	atgggtagtg	ttgcctttga	120
agtagtcacc	ttgggaagat	gtatgtttat	tccagtgaag	ctgaccttac	acagaacatt	180
cctagaaccc	tcttttagaaa	ctgtcaactt	gtaagggtct	tcagtgttgg	taaatctttg	240
tcctttaagg	gtagatctat	tttttgagga	atgatttttt	tttttaacag	ctaaagagca	300
ttagaaaata	agtctgctaa	ataaaatggg	tgaagcagct	caggatgac	ttggtgggca	360
ggaggagggg	ttggataaaa	cacaagggtct	gactataaag	ttgtgaggcc	tcttgccctg	420
catggcttca	aaggtaatcc	caaaggggaa	ccctaagtg	tcttggcaca	tgcaacatca	480
agaaaaatac	tccaattatg	ctaactcttg	agtgcataatg	ttctagtgt	tttggttaaa	540
aagggtgctt	tggtcatttt	cagtcataat	tcgtataaag	agaaatggaa	aactccatct	600
ctgtgatttc	tcccaangga	aagatctcat	ctactgctta	gagaattaaa	atgaaaagca	660
cttggtgtca	tgtctacatt	agcccccccc	cccccaaaa	tgtgccaatg	ggtaattcct	720
ggatacctga	gtcttncccg	tttnggaaaa	ntgggtnaag	gaccctntaa	aactatagt	780
agtcgta						787

<210> 3588

<211> 744

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(744)

<223> n = A,T,C or G

<400> 3588

tnnncttnat	ttnnanccnt	tggntctttc	tgcaggatcc	catcgattcg	ggagatttca	60
acttaacttg	accactgcac	tccagcctgg	gtgacagagc	agacaagact	gtgtctcaaa	120
taaataagta	agtaagtaag	taaatatcct	gtaggtatct	atgtgactca	aggctagtca	180
ctttcctatc	tatgtctccag	ttttctcata	tttgagacaa	gagacttgat	tttagcataa	240
aggtgagagt	tgaagtaatg	agtgtgaaag	aggaaagggg	gaaaacatac	agagaagagc	300
agaaaacaca	agcagctggg	aggcagagaa	tgcagaaatt	caagttagag	ctgttggaag	360
atgtggtagg	ctgactaatg	gtgccccaaa	aatgtctaag	tcctaatacc	cagaacatgt	420
aaatatgtta	ccttacaggg	taaaagagac	tttggggata	tgattaattt	aaggatcttg	480
agataaggag	attagcctgg	attatccagg	tgagcccaat	ataatcaca	gcatccatat	540
aagacaggca	anagagcaga	atcagaatag	gagatgtgat	gaaggaagca	agagattgca	600
gggattccag	gaaggttctg	tgagccaang	aatgccagggt	ggacccctng	aagctgaaaa	660
angcaaggaa	aatggattct	tcttctcann	agcccttccn	cttaagggac	ccagcccttg	720
ccagcaaatt	tggccaactt	cact				744

<210> 3589

<211> 858

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(858)

<223> n = A,T,C or G

<400> 3589

tttaaancctt	taaacaagct	acttggtttt	tntgcnngta	tcccatcgat	tcgaattcgg	60
cacgaggtac	ttcctaggag	tggttgctt	tggaatgga	attgttaaaa	cttgatgctt	120
aggagcgaat	gcagactatt	cattgggtgt	ttgggggtgg	ggaagggggg	gtgggcanag	180
gaggtatgca	cnggagagg	gntctgngct	nctcnatta	ttgcacaacc	nctaaccatt	240
gttctataac	tgcatnaaca	natnataacn	gggccttnn	ngatntatct	taacgcttan	300
nttttncnan	atatanatgt	aactaatcac	tcnctttng	taatnanctt	tncctnntt	360
ttgtaagaac	gccnctctc	tgtnactgac	ctttnttact	tccccccct	tgcncctng	420
accttctgn	tntttctcac	gtngatngtg	gcanttnng	antaacatna	atgntnaaag	480
gcntngnttc	ttatntaaaa	tttnncactc	tccacnatnn	ntttangatn	aaaaccnct	540
nntnttncan	aaaancgttt	tnctanttnn	aannaccctt	tttannattt	tttnaacaan	600
aancntttat	ttttntttnc	catnctaacc	ttttacaaaa	ntnnnggtta	accccntttt	660
ttatataaaa	nctnnntnnn	ttatnaanaa	ttaannanta	tttngtnaaa	nncccttttna	720
aaaataantt	naaaangccc	tnnttnnatg	caannattnt	naatntgttt	anccccnccn	780
tttnncncat	nggnnttgtc	ctngcnttna	ncaatntacc	ttcattttta	aaaaangncc	840
canattnttt	tnnnacct					858

<210> 3590

<211> 767

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(767)

<223> n = A,T,C or G

<400> 3590

tgtggttnana	ngaactcttg	caatnccctt	tgcgntnncc	gcaggatccc	ancgatncca	60
attcggcacg	agggccacnc	cgctgtgan	gnatttnngt	nnctnttttn	tnnacctggc	120
atcctnnttc	cttccccncc	tngcnggcac	cgccnaggac	cgncggccgg	gggacgagcn	180
cggagcngcn	gccaggtaga	acnatanact	anatagcact	gaattaacct	gcactgaaag	240
ctgngnacct	gcathatgtg	cactcatgan	gnangtgacc	ntgtcnnaag	tgcaagtga	300
agtcacagaac	cnatctgtg	ntntnacngg	gagccaaana	ctgaacanga	accagtctnn	360
acggtnacan	ncnangatga	ntatccctnn	tacnactanc	tcnctgccc	ttgaaaatgc	420
nggtngaccc	attcaaaact	tatgntngac	ccatctnncan	atatgacatg	caccagtga	480
agntgnacaa	aagcatancc	cctctgtaga	actaaagcac	ctgtgcctna	aacttgtaaa	540
aaaacccaat	ggtttaaatc	cgggaaggac	ccttaacnca	tcnggantgc	cngtttaacn	600
antaanntac	catcatgaan	aaggaggtgn	catatnccac	cgnggggtann	ttgaccccaa	660
ttgccaaatt	ncccnnttta	ctttatcaaa	gtnggnanct	ttntggngng	agggnaannt	720
atnttnantg	gcaaatgcna	naacnnccaa	aagntncnaa	aaaacnn		767

<210> 3591

<211> 732

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(732)

<223> n = A,T,C or G

<400> 3591

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agggcaata	gccctaggag	tcccattttt	ttaagctgag	ggaaataatt	ttcaagaagc	120
ttgtcttact	agtagcatca	ttctttttta	ctggctcaca	gcttggagg	ggtgatggtt	180
tttcctatga	aagctaacaa	catttgagca	gatccagtgt	gctgggtgagt	cacagtga	240
gtgtggagt	ctaaggaagc	ctcctggtg	aaatgtaagt	tcagagaagg	tctgcagaaa	300
atacaggggtg	aaatgttatc	aaggagccag	ggtattattt	aagaagagga	gggaggggaa	360

aaatanaaaa	tcaaatacac	taatagaagt	aaaattccct	attcagaaaa	actagtgagg	420
gctgagctcc	agtaatcaga	gagaagtcta	atcangtcac	tactgnecatg	ggaggacata	480
gtcactctct	ctttcangag	cctatgaagc	ttgcgagagc	tcagctangg	aataagggtg	540
gccaganaca	gcancattaa	ctggcacaaa	tctcaagggg	cctgtggggc	ctgaaaaaag	600
gaggatnaca	ggacatgctg	acagtaaagt	cttcattctg	tgccatacaa	ttttccactt	660
ncctgnngac	tttcctcaaa	tggatttact	taaacttttc	ccaaccttna	acaggttaac	720
ttgcntccan	ct					732

<210> 3592

<211> 823

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(823)

<223> n = A,T,C or G

<400> 3592

tncnntttaa	tnccatcanc	tcttggttctt	tttgcaggat	cccatcgatt	cgaattcggc	60
acgagggttc	atgcagtaag	atttggtgtt	tatttgtaaa	tagaatggta	ttctattttca	120
aactttttaag	acaaacctgt	tgccgcaagg	ctgatgcaca	ttggatgatg	actgttttct	180
ggttccagat	cttgtctttg	tgatatagga	gttatggaat	gagccctgga	caggatccta	240
agatccgggt	ttgttcttac	ttctactcat	taatagcagt	ttgacattta	atataggaat	300
aatgtttaact	tgctacttaa	aacaagattc	tcttcactct	gttttcaaga	tttcaagatt	360
cttttaaaaa	ttagcatgaa	gtatgggata	atgattgggg	aggaagtatt	tttaaaaagc	420
cttcttgagt	ttttatgcat	attacatttt	tattcaataa	aaaattcccc	attgttttat	480
tgaaatggat	tagttgtcga	tcctctgaat	tagacatatt	ctttaaaaaat	aagatccggt	540
gtcagccatc	taaaatgttt	ttataaatc	atacttacat	tcttttttgc	cggttgacgt	600
cagcctttag	tgccaagaga	gaacattaca	gcattggatga	atgcaattgg	tttgatcatc	660
actggcctcc	aagtgaagta	ataattngn	attggactta	agngatgaaa	aacaagccng	720
ctgttncctg	tcaggncctc	agaactatag	tggaggccgn	ttaccttnat	ncccgccctg	780
aatnaggaat	nccttggnng	agtttgagaca	aancncaac	tnn		823

<210> 3593

<211> 1035

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1035)

<223> n = A,T,C or G

<400> 3593

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gagcaaagga	ttgagagaga	aaacttggtc	ttattgaaaa	ggcttgaggc	cgtgaaacca	120
acagttggta	tgaaacgttc	agaacaactg	atggactatc	atcgcaatat	gggctatctc	180
aactcatcac	cattgtcaag	acgggccaga	tccactcttg	gccaatatag	cccattaaga	240
gcttccagga	catccagtgc	tacgagtggg	ctcagttgta	ggagtgcgcg	atcancggnt	300
ntcccttcnn	mngcatcnta	tntnaatacn	tntccctntt	ncnntngttc	tgtnttnttt	360
tatannttc	nnccnntnt	nnccctcttn	tccctgtncn	ntttgatnt	tttattnttt	420
ntntttnnnc	tenttntct	tenttttact	atcnpatcnt	ctttcntnt	ttctttnttt	480
ntantctct	tnntcccttt	ncttcaentt	ntantncttc	gcctntttta	cnntntnttt	540
tattntctnt	tctngtaaat	tttcttttat	atntntntnt	ttcanntcnn	tttaattcnn	600
tctantnngt	cctttccnta	ttntnatnng	ncctannata	ntttcnatan	nttctcntnn	660
nnctnnttn	ctatttntnn	naattcnngt	ntgtntcatn	tcnctnctnc	ttntntntnn	720
ttttnttna	tnntatnttt	nttatctctn	ntctnncttn	ntanatntta	tctntntntc	780
nttctnctnt	taaactatac	tnttnatctt	nctcnntnt	cntatcta	ctncantnta	840
ttantttctc	tantntntca	tacctcganc	nannctcntn	acgntntntn	nnatntnnnn	900
nncttanna	tnttcatnta	anatattatn	atantttatt	tctnttctan	ntntctcnnn	960

atanntnnct nnantctant tncnttnntt ntatcntttt naangtattt tttttnanta	1020
tctantnnna tnccc	1035

<210> 3594
 <211> 992
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(992)
 <223> n = A,T,C or G

<400> 3594	
cggnangnnc gtnaacggaa ncccgnncnt tgcggatccc tcgattcgaa ttcggcacga	60
ggaactagtc atgccaggna ctaaattttt gggggcagtg agggatctgg tgcagaanca	120
acctgatcaa tgggacagga cagggagtct caaaatagcc ataactgcat ataaacatct	180
agtatatggn taccacagta ttcaattcaa gggggcaaaa tagagacttt ttaataaatg	240
gtgttggaat aaattatagt tatttgntca aagagttata attttatgca ttccttacac	300
ccatgcacta gatgatcctc caaatggatt aagactgaaa tgggaaaaga aaaaaanggg	360
gggaattccc tatatcatct gggncctaagg gaaaaaattt tttccaacct atggacccaa	420
gttcccacat ggtaacctgg aaaaaattaa aaaaaccnng gacctcntcc tcctcntaat	480
aataatatta ataantnnnn aaccttttcc aatggggcca aaaaaaata aaatccccaa	540
tttaaatgga aggggnaaac caattaaaaa aaagggaacc caaaaattaa aattaaaaan	600
ccanggggaa aaaaaaaaaa aatttgggga ngggaataat taattaatn aaccaaaaaa	660
cctnccccag gaaaattcca ttaaaaagga accattcctt naaaaataaa tgggaggaaa	720
aaaaaaaaatg ggaaaaaaag gccaccaaag aaaaaattt ncgcaaaaaa aaggnatgga	780
cctgggacaa cctcaaaaaa ggggtattaaa aaaaatcccc ttaaaaatat gtaaaagggg	840
ttnaacctca cacatactag ggaaaaatta aaataaaaat tattccggag aaaaaagcca	900
cccacagaa tngacaaaaa agnccnaaag cctnggacaa nagacccttt tggccaaggc	960
tggccaggan gggaaaaaaa aaaaacnccc ct	992

<210> 3595
 <211> 812
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(812)
 <223> n = A,T,C or G

<400> 3595	
nnnnnttta attncaatca agctacttgt tctttttgca ggatccccatc gattcgaatt	60
cggcacgagc ttcttttcat ttttcttaa ctaatttctc acaattttca tttttgtcct	120
gagacttgaa gggaaagtaa gttttaatct agaccatatt atttagttac atctaactctc	180
tctagacaaa agacagtctg gagagtactc tttagtctta tttattaatt ttgtctctag	240
attgagccag atttcccat gcatagctgg cattttattg gcctctgcag aattgctttt	300
tctggattgg actttggtaa tccatatgaa aatctctatg aaatttaatt gctcgccagg	360
tgtggtggct cacacttgta atcccagcac tttgggaggc tgaggtgggc ggatcaccag	420
aggtcagggg ttcgggacca gcctggccaa catggtgaaa ccccgtttct cccagaaaa	480
tacaaaaaatt agctggtcat gagggcacac actgtagtcc cagctactca ggaggctgag	540
ggggaagaat tgcttgaacc caggagatgg aggttgcaat gagtgaagat cgtgccactg	600
catccagcct gagcaacaga gtgagatctt gtctcangaa aaaaataaat ttaattgctg	660
tggatctgta aanggtgttt atcgtaacag ttcataatat tctatttnaa natgcgtggg	720
agaaattttt tntggancca gttatgcctt tntctggaatg ntggttgggt ttaccttaag	780
gccactnaat ttcagctgat ggtttttctg gt	812

<210> 3596
 <211> 830
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(830)

<223> n = A,T,C or G

<400> 3596

nncnnnttta	atancaaaca	nctacttggt	ctttttgcag	gatcccatcg	attcgaattc	60
ggcacgagct	tcctccaggc	attataatat	taggttaatt	tagaggagca	tatttatatg	120
tggagttaca	ttgtgttggc	cattcaggag	actgactgtg	aaagaatcca	aactttatat	180
ttctgccttg	ccagtttttt	tttccttttc	ttcactccat	ttgagacact	cttgacctaa	240
tccagtaaac	tctaattaat	agtcttggtg	aattctgttt	caagccatcc	tgagtagcgt	300
cactgacacc	cgatctgttt	cagtaaggtc	aaattagcat	cctttactat	ttttctggca	360
tttaaatgaa	tgactttgct	atggtttttc	aagtgtttat	agtaaataatg	tccatttgat	420
ggaaatataa	atatgcatta	agtgtgaagt	gctaggcaca	ccctgctgtc	actttttatg	480
gtaatcaagt	gtctttcact	ttctgttggt	tttaataggg	accagctgac	aacgccacat	540
taaaaccaca	gggactcaaa	agataactcc	cccacccctc	caccgggcac	tgctttttatc	600
ttgcaaaagt	attcatgttt	ttctcttagt	atgccaatga	caccggttct	ctgacatttn	660
cacttatgta	ctcatgggaa	ggaatgaatg	ggttactcaa	actgggacca	ttgaatttgg	720
ggacacctgg	tggactccac	tggccttaag	anctacangg	ttanttgga	acagtggggc	780
accgtggggt	gacttggcct	ttnttttgcc	agnggggttt	gggccttgan		830

<210> 3597

<211> 820

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(820)

<223> n = A,T,C or G

<400> 3597

nncnnnttta	attccatata	gctcttggtc	ttttttgcag	atcccatcga	ttcgaattcg	60
gcacgagaga	aactacttct	atgatttcag	ctggagtctg	aagatacttg	tttctgttca	120
agtcctactt	taaattatgt	cttaggagac	tgaaagtggg	atcttctgag	cattcctaaa	180
tatctgctta	gaaatatcat	gtgataaaga	gggaccttct	taatacactg	atgttcttca	240
ctaaatggat	ggccacaaga	aaaataaagt	aaatgtctta	aataatttaa	ccataaattt	300
tctgtcatgt	gatactggaa	tatgggatac	ttttcatggt	tatatatata	tatatatatg	360
tatatatata	tacatatata	tatatatata	aacatgaaat	atatatatat	ggctcctttg	420
tgcccatgtg	cattttcaga	ttatggtagc	atgctgatac	agcaccatga	agaactcaa	480
ggaaaatata	tcaatgtaag	aagttcactc	ttagaccag	tggtctgagg	tcacatgggt	540
ttggactgtc	tcaatcagaa	agattaatga	ctgttatcaa	gaacatgaac	attggcttcc	600
tccatagaga	agaaaatcag	tatctgagtt	gcataccagg	cagtattaaa	aatctaacan	660
gtctgttttg	ccattgata	gatctcaa	ggngtctcct	tctgggtatg	gattttgccn	720
ttggttacct	tttctcaatg	taatggaagt	attttacaag	ccaattggng	gnggaaatgg	780
tgctcttgnc	tttctntgnt	tacaaactac	tttcacattg			820

<210> 3598

<211> 856

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(856)

<223> n = A,T,C or G

<400> 3598

gnnnnnnttta	nttccaatac	anctcttggt	ctttttgcag	gatcccatcg	attcgaattc	60
-------------	------------	------------	------------	------------	------------	----

ggcacgagga	tagaataacc	aattttaa	gtcttataga	taaaatctag	aatgaagctt	120
tggtagaag	tctgagctac	gtacataaga	ttatcagcaa	catatatgtt	aaggtggagc	180
cattttaa	aagaacagaa	gggacctatg	atttactgat	tggtgaaaat	caaaataaag	240
gaggcagaga	aaataaagat	tgtgagtcag	caggactttt	gtcttatttt	caagtggatt	300
tattgattac	ttttcttctt	acagccaagt	gcaagatttg	tgaatgggcg	tttgaaagtg	360
agccactatt	tctccagcat	atgaaggata	ctcataagcc	tgagagatg	ccttatgttt	420
gccaggtatt	gcctttttct	ccagggagtt	ttagcagttt	tgctctcagg	aagaatacaa	480
agaatctact	aatgaatatt	gttgaccacc	tactgcatac	actcagttta	ggaactctga	540
gtaggtacag	aagaaatagt	aaacacagtt	tatcttcang	gtttncatgc	cnggagaaaa	600
acataaaaa	aacatgttcc	ctacnaaaaa	aatttttttt	taattacctt	gggcatngng	660
ggtgcaccac	tgtagtcctt	agcttacntn	gggangcttg	aaacaaggaa	ggctcgcntt	720
gagcctcaaa	aggataagtc	cctaacttcc	tcaaggaagg	cttccggngg	aanctatgaa	780
tcatgcctnc	aancctgggg	caacaagtgg	agaatttttg	cttnttttaa	anaaaaannn	840
nnnnnaaaaa	ctcggg					856

<210> 3599

<211> 800

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(800)

<223> n = A,T,C or G

<400> 3599

tttaacnctt	tttanancct	cttgatcttt	tgcaggatcc	catcgattcg	aattcggcac	60
gaggaagaaa	gcagatgcc	ttttatctat	tngcacatca	ggactgacag	acatgaaaaa	120
attggccaag	tgggcagcag	agtccaagct	cgacccaaat	gaccccaaca	atgccctttt	180
gatgcagctt	atctcggttg	ctaccagnng	tgaatcctat	gtccctgatt	tcttttagact	240
ggagcagctg	caacaggagt	ttaactttgt	ttcagatcaa	gaattaaata	gatccaaacg	300
atttaggctt	cttcatctta	gaagccaaga	ggtgccagaa	ttccgaaatt	ataagcaagt	360
tccagtctat	gaccgagaaa	ttatggaaaa	ggtattccag	gactatgaga	aacgggttacg	420
agacagaaat	gtaatagaaa	ccaaggaaca	catagacacc	catagggcca	tagtagccaa	480
gtacctncag	caggttagag	aatcagngat	aaatcgtttc	ttaattgcaa	aacaatatatt	540
tnnttttggc	tgntatggat	agnagaagaa	gaagttccca	atttcancat	tttgggncta	600
agccttttca	agctngccan	aacaaaancn	gaccactgng	gncaaggnga	aaaaggngng	660
nangaangtg	ancnncccca	aancctngnn	tnnnnggaga	cntaaaannt	ggctnnngaa	720
natngnnnn	nancttacna	cnttccaann	gnnggaaanc	nnnnnttnnn	nnaannncaa	780
nnnccnnnnn	ggnntttnnng					800

<210> 3600

<211> 784

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(784)

<223> n = A,T,C or G

<400> 3600

tnaacccttt	aacaagctat	tgttcttttg	cacgatccct	cgattcnaat	tcggcacgag	60
gcgggcgcga	ccggaggcng	tttccgttac	tatggcaatg	acggcagggg	ctacaacaac	120
ctttcctatg	agcaaccata	cccgggaaag	agtactgta	gccaagctca	cattggagaa	180
tttttatagc	acctaatttt	acagcatgaa	gagagagaaa	ccaggcagaa	gaaattagaa	240
gtggccatgg	aagaagaagg	attagcagat	gaagagaaaa	agttacgtcg	atcacaacac	300
gctcgcaaag	aaacagagtt	cttacggctc	aaaaggacca	gacttggtct	ggatgacttt	360
gagtctctga	aagttatagg	aagaggagct	tttggagagg	tgcggttggt	ccagaagaaa	420
gatacaggcc	atatctatgc	aatgaagata	ttgagaaagt	ctgatatgct	tgaaaaagag	480
caggtggccc	atatccgagc	agaaagagat	attttggtag	aagcagatgg	tgcttgggtg	540

gtgaagatgt	tttacagttt	tcaggataag	aggaatcttt	atctaatacat	ggaattttctc	600
cctggagggtg	acatgatgac	attgctaatag	aagaaagaca	ccttgacaga	agangaaaca	660
cagttcttca	tttcagagac	tggtcttggc	cattagatgc	cgatccccc	gntgggtttc	720
attccntcng	gatattnagc	ccgacaaccc	ttttnttggg	ttgcccgaag	gtcatgtaaa	780
attn						784

<210> 3601
 <211> 772
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(772)
 <223> n = A,T,C or G

<400> 3601						
gnaacctana	aacagctatt	gaacttgtn	cacgatccca	tcgattcgaa	ttcggcacga	60
gannaaaggt	gtgagccacn	gcgcccggnn	tanntaagaa	nnatnantnn	gnncttgcn	120
nanaacatct	gtntnnaac	cttantacna	acaaatatna	nnattaaacn	cttcactttg	180
ncttnnnaac	tgntcnaaac	actgncactt	tggttnnaaa	actgctccca	caatntngct	240
agcatttttg	gngattcaac	attcatgtca	aaccaccaca	ctagggctcc	ccagtttctt	300
nattnactca	ttgttgcatg	cacanatttt	ggtatgatct	atctcagccg	gtcctactcc	360
ttnggggatt	ccttacacct	ccaaaatttt	gaattataag	cnntttttctc	cnaganctcc	420
ctcattnttt	tacttatctt	aatcattctc	ntccaacanc	acttnatnta	ctttgggaat	480
gccangaat	ccgatntctt	nttcaactct	cattacctct	ntgcctgctc	tntcttttct	540
tggtgtttat	ngaccagtt	tagaggatgc	agagtncttn	aatataatca	ctactttgaa	600
aacatcctca	gctgttttgc	tcctnttgac	tttgcttggc	aaaactcagn	cntgggctaaa	660
actnttggcc	atttgacact	gcctcaaaca	ctggngctgg	ctacaaacaa	ntgctaccag	720
catngactgg	ntccacttng	naattcggac	cncacctcat	gtaggnnctc	ac	772

<210> 3602
 <211> 771
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(771)
 <223> n = A,T,C or G

<400> 3602						
ctaanncnngn	gngnctcgna	ctngccgaac	naaanaggct	nnggcgcac	tgtagnaatt	60
ggctttccgt	ttgcatat	aaatgaactt	tgtggtttt	gttaagtata	ataaaaagca	120
tgaggtcaaa	tataagccaa	gagtattaca	gagactttta	ggctgactca	gtatctcaag	180
ttctgtgtag	attcatctaa	acactgctgt	tatccatgct	atactttacc	atgttatccc	240
aaaaggggaat	catcagcaaa	ttttaccaga	aactgctgaa	ttcaagatat	attcaatata	300
tattatactt	ctgacatcct	aggaagccta	tccaagaat	acattacttt	gatagaattt	360
gttctttatg	aaaattcatt	ttgactctca	ttgataactt	tattccattt	tgggggagga	420
ctgaggagtc	agtgggatgg	gaacagagct	aactacaaag	tctttgagtt	tagatgggca	480
gcagaagggg	aaaggaagta	ggccgtggga	tatataagga	cttttccaat	ggaaaacaat	540
tgtcagtggg	acctctatga	ctacttggtc	aatttcagaa	ttaaacttcc	tgtatatttt	600
aggtggaatc	aagctgagtt	ctagtcaaaa	tgctgcgact	atttcccatg	aaaaatcccc	660
caaacaccaa	gcagacagaa	cagtgggtga	taaacccatc	atattccatt	tctgaagaaa	720
atcatcaagc	cccaaattct	gttttagaaa	atttctcaag	aactaattct	n	771

<210> 3603
 <211> 732
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(732)
 <223> n = A,T,C or G

<400> 3603
 tgnnnnttga ttnnngcnnt tgtctttctg caggatccca tcgattcgaa ttcggcacga 60
 ggtttctttt tttcagagtt ttgctgctaa gaaatatctc ctcaacattt gacttcatng 120
 tggccaataa tggctcttga attgattcag acattcacac agcttgaaga agatctaaaa 180
 gatgaagatg agtcattgag aagcaccaac aaagtaaaca gaacgaaagt ttcagtcccc 240
 gatgcaaagt gaccctcagt gggggagata ccccagagt aactcatctt gtatttatca 300
 gcttgcaaat tcttggaac acgcttttct tttccacctg acaagatgcc attatttcaa 360
 atttataggt gggcatttat tccagaagtg gacacagagg gccctgcctt cctgtcggat 420
 gtagaggaga atcaccaaga atgcaaacc cactgtgca ggattctaga acttctaaaa 480
 ttaaagtttg gggaaatcag tagctctgat gagatcacca tgaagagtga attccccgtt 540
 ctgcgccaac attctgtttc cagcatcagg cagttgatgc cattcttcat gactctaaat 600
 ggtgcattta agaccagag acagctgcct gctgtagacc caggaaactc attcttggac 660
 tttctgtcc agatgccca ggatcttaaa acaactggga agaatgcac gnaatatgaa 720
 tttctggaac cn 732

<210> 3604
 <211> 858
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(858)
 <223> n = A,T,C or G

<400> 3604
 ttntttnaat tttcnaatnc ttgctctttn attccgnagg atcccatcga ttcgaattcg 60
 gcacgagggt agcacaggcc tgcccttgca cccatgctgt acagtgcggt tactagactt 120
 gtggccgttg ttgtgtgtc ttctcattag catgcaatat tcacttgact gaattccttt 180
 tttagctaaga gaaatattac agggcatgat catttttagt tattaagggt tctaactcaa 240
 tatgtaaact gctgaaaaga attatatgtt tntatcagat aatctcaaca tttcaaaaga 300
 caacacattc agactacttc ccttttcccc caacttttat ctaatgnctg naacccccat 360
 gactagtgn cnaaanangn gtttttagtna aattnnagtc acccgtggat nacaaangca 420
 accctggatt cccaatcctg cttgtggggg gggttntng gccaaatnga nttaattttc 480
 ttgggcaana aannttttnc ttcttaccat taccnggaac cccantantt gcccaaaact 540
 ttggnnaatt ttttttaagg aaaaaaaacc tggaaatngg ggggttaaatt cttggnaaaa 600
 ntntttttt ttttaaaaaac ttnccatttt atttttaaaa aaaccccccn ttttaaacctn 660
 ggggntcct tttncctttt tggaccttaa nttaaatgga anngatttgg ggaacccaat 720
 anantnaata nnantatnnn aanaanaaa ttnattnatn ttntancnaa ntaaaaaaa 780
 aacccctttt naacnttttg gnggggccgt ttcccnnaaa cccnanccta tnanaannnt 840
 nttaatttn ggcaanct 858

<210> 3605
 <211> 1718
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1718)
 <223> n = A,T,C or G

<400> 3605
 nctctaaaaa tatctttttt nattataaaa ctttcnaaag tcttatngga cnttngggna 60
 actccttaaa aaacntcctt naaaaaataa ggnagntct ttnnttgggg ncctcccaaa 120
 nannttcnna tactctaact gtcancnca cncnaccna tcaactcaaca tnatntctn 180

tacacattnt	atctcncana	cnnantacna	ctctnattac	tctnctatat	atntacnaaa	240
ctactntcct	natnntactc	tataccnata	ctctctctat	cntctatctn	tntcatactt	300
anagnngncn	natatcacta	tactanatca	ctctnnnctc	atacaccant	ntnccntatn	360
tatntcntca	natctcattn	nttatntnac	natannctac	acncnntnac	atctaacata	420
nnnnnataac	natctcannt	tatctnnntn	ncaannctcn	nnatcactn	cnattcattn	480
aannacttan	accnccnntc	annnnnnaca	ncnnacnntt	anctnnctc	cctannctna	540
ccctcncata	catattnnnt	anncccnat	ccttacntna	caantntcat	cctancnnt	600
tcnactntca	ttctccnttn	ccttnatnac	ccaactcnca	ntcacaanat	ncntccncac	660
cactcttntc	antacncaac	ctattcatnc	nncatnatan	tntntanntc	ncatacacna	720
ccccatncta	tnatcaancn	ntcantcctt	cntttntaat	catnnanccn	ntcnncctcc	780
tatnatgnnc	tctgccccta	nnntatcatc	ttcacnacia	cncnactctn	nctnccanac	840
natcntnata	nacncantnt	cactntattc	taacatnant	nnanaccacn	tactccatan	900
tcnntctaac	atactnnatt	aanaatanat	tactnctcnt	atntcctnct	atctcnatca	960
ctcctccncn	ctcattacac	atctcttata	atctncnnat	ncncatntct	ntcatctctt	1020
ntatcntctc	tatnnnactc	tcctatcnca	tnatcnnaan	cattactntn	tnatanatn	1080
acactctcnc	atcncatata	ncactatntc	ncttnttata	tatntanatt	atcatcgat	1140
acntcncata	tctcnatcac	tcnatnatac	atanactnta	tnccncatat	cacanacana	1200
cctntcatnt	ntcacactcn	ctntnntana	ctatntcnca	ctcctcacan	ctctcatatc	1260
tctatacatc	nctactctnt	ntntnctntn	tnatctctt	ncattntntn	ctctatcntt	1320
tcnntcatat	ncgntntcan	atntnacnat	catctctncc	atctntctct	ngtctntnat	1380
tncttccacn	atctctcttc	anntttacac	acacntacat	tctatnttct	ctctatcttc	1440
tnctctnacc	tnctcncctn	anacnacata	tcttatatcn	nncatntcat	nacnnctact	1500
atcatacnca	tantacacca	tatntntnca	tctctctncc	antnccntat	ctctatacnc	1560
tctatatacnc	ntttcatata	tanttacnac	atnnctatan	attcntatat	ctctaccata	1620
tactntcttc	tactctatca	ngtaantatn	ctaantatt	attatatacnc	ncantctctc	1680
tcacncaccn	ctctatcnca	tcntntctcc	tctatccn			1718

<210> 3606

<211> 1015

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1015)

<223> n = A,T,C or G

<400> 3606

gggggntttt	aaannttntg	ggcttggttg	gttgccaggat	cccttcgatt	cgaattcggn	60
acgagactgg	actaatatca	ttttaaataa	tattgctntt	tagcttcaaa	agacagagcc	120
tccagcatat	tattattatt	atagtaatct	gattcttttag	caattcagag	aactcacctc	180
attagtgtct	ccttgctcta	tctgggcctg	tgggaaaata	cccttgcatc	tttctatggg	240
natgggccac	nggancacca	tctgncctta	acatttttga	agnattggac	ttttnaagga	300
agcngnacnc	aattcccctg	gtncntncna	ttctagaanc	ccgnaancgt	ttcccngncn	360
anttaaaggg	gaantntncc	ccccttgntt	gtttgccncn	cccngtttt	ttacagnngg	420
gccgggtttt	aaaaaagana	ngtgntntnt	nttnaaaaaa	ttannatann	ntcnntttt	480
nggggccatn	ncccttntng	nnnnnnnngg	tgtatgnacg	aaccnnannn	atnantntta	540
ntnncnnntt	ttnanttttc	ccacgnnctn	tnnttncaat	tatcnantct	cnggtactcn	600
gggcctcnat	cncaantnta	natacccctt	nnntgcegn	ncnananatn	atgnnnncncn	660
ctataantnn	ggantgttgg	nnnccnaana	natnntntan	tnatangtan	tgtnnntctn	720
nnnnctatac	ccnctgtngn	ttgtgcancn	ctcngtactn	ctnnnnacan	natnngntat	780
aatanntngt	ctcccnntag	ntgntntana	gtgacnntcc	ttntttaang	naccatctnt	840
cggnnancgt	nactaacctn	antttancan	ctcntcntat	naaancgtna	cccccgctnt	900
gnaatggngg	gaatngnatn	nnnaagtnnc	ntnacaangt	nnngtcttan	ngtntgcctt	960
cnctcgatn	tnantnttgc	gnnacannng	gtgnnnnaann	taaaggnncg	cgccn	1015

<210> 3607

<211> 740

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(740)
 <223> n = A,T,C or G

<400> 3607
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 gcctagtgtg ccatcagact ttcagcaact tttatcatcc agatagtcac caaatgaaat 120
 aaaatagaaa aatcccttga gcaatgaaac aattgtgaat gaacacaaaag tccatgaatt 180
 taatccttat ccgtttgctg agccaagcat gtgcactctgc agtgggtggc ccaggctggc 240
 agcacagata ccaccatttc ccttttcttt gctcagggca tggcctgttt atctcgttgc 300
 accagatgan gggttggaag gatgatggtg gtggttggtt cagatctact gacagcaatg 360
 agaaatcaat gacagttgac aggaagagag gaccntcca caggcaaaaag aggaatgccc 420
 agcaatcttg gtccttgcn gcaataactg gccttgaggc caagtacgca ggggattcgt 480
 aagtactaa cttctaactg aggcaggga agtaccatgt tctggaaaan gtnccaagaa 540
 acnnggaatn gangcagtg ancaagaagc agattttggt gcccaataga tttgaatcct 600
 gggtctgctt cttntttgt agagtatgat attgggtctt ttntcncaa agctnttntt 660
 aaagacttaa tatgtncnc aaatcttttn ggatgtctga cttttnaatg ctnacaata 720
 ggnatttgct ggnattatta 740

<210> 3608
 <211> 763
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(763)
 <223> n = A,T,C or G

<400> 3608
 tnttcnaant tccnngctct tgtcttttgc aggattcctc gattcgaatt cggcacgagc 60
 ttggaggctg tttccagcta gagaaagacc tgcttatttc tcaactgaata aggttccaac 120
 aggctgcca atcctgtgta tgcctgtacc caaatggaag gagtgccttt cctcaattca 180
 taaaaaagac aaagacagtg gtagggatca gctattatgt cagtacatga aaggaacccc 240
 ctatctcaat caaaatggta aaggaagctt gtctcaaata acagcaaaga aactcagttt 300
 accagactat aaaagtctt tggtaagaa gataaagagc tctncagaat aagaatacct 360
 atacatgtat ggatgtgtgg aaagtgcaca aaatgtgtnc aagcaagttg aattctggaa 420
 actttgagtt tagcaaatag gagggtaaga aggctgttac cgtatttgag gaaccagatc 480
 ttgaagggtt catattccat aataagtata atatgaatat taattttgna atagaacagt 540
 ttctacctgt ataaaaagga agccttaaag agatngaagt tagagattta ctcatanggg 600
 ggatgattgg taactactta cttatttccg gaatntcaaa agaccctant ggaatngggg 660
 gattntangg ggaaaaaaat ngacctctt tctcaaagat gaaactgnaa atttttttac 720
 cttaagaccn ttgnaanaat ggaaattacc tttttaacct tgg 763

<210> 3609
 <211> 730
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(730)
 <223> n = A,T,C or G

<400> 3609
 cgtnttcaaa ttttnaactc ttgtcttttg caggatccct cgattcgttg gtgtgtaaat 60
 aaaacttttag aaagggtcta ttgaactttg gacaggcaag ctccatgagc tctccctcac 120
 tctttgaggc aggttaaagg gtacggccat gaccaccacc ttaatccttc agggactatt 180
 tacaaaagat tgaaaaatgt gcccagggcc cgtacctgcc cctctgtgga actagcccaa 240
 ctcaagtggg ctggcaggca agcctggctt tcatggggac agaagagaga gtttgcgggg 300

agcttggcat	ttttcaacac	atgctttttg	gcttctccta	ctgnattgna	atttccatga	360
tatttgggtg	gaaaaatgga	cacccggnc	cttttgcttt	ttgntgctg	cttttcagct	420
attggggatt	ctgcgccttg	ggataatgaa	gcangctgtc	atttncctcc	cctaaataat	480
gcattacaaa	gtggaaatgc	aaatttcctg	tgcaagctct	aaataccagg	tggtatttcc	540
ttaatatatt	gnttttgacc	tttggggaaa	ttgggtattac	nagctgactt	tggaatttaa	600
aatacatcaa	ggncctcatt	ttaaataaaa	caatcgatat	cttaattttt	aatcagact	660
ngattcnatt	ccnggaaaag	acatncatat	ttgctttatg	nggtnaaagt	ttggaattca	720
ggaggacaat						730

<210> 3610
 <211> 706
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(706)
 <223> n = A,T,C or G

<400> 3610	
ntttgaaatt	tcgntantnc
gatacgatgg	ggtgcttgg
gccatcccag	agggctcagg
ggacgtgtgt	ggttgactgg
gtactgatcc	cagggaggaa
accatgacaa	ggggcacatc
cctggttgtt	actnttgggc
gtgttgccct	cttgtntctn
cttgtgtntt	cancaanggt
agccttgcc	ttcacatatt
tcacttgngg	cctgaactgt
gctactttac	catccatata
gcaggattca	tcgattcgaa
tgagctggaa	ctgggcacac
ctacacgatt	
cagggccttg	caggggattg
ggagccctg	
atttagtaga	nctaatangc
gccaccctga	
gtnaaccctt	ganggtncgc
gtcttaacca	ccaaactttg
ctgnatgtac	ccngacccta
gactttgacc	ccntctgctn
aaccnccttn	tnnanctaaa
aaaaa	

<210> 3611
 <211> 885
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(885)
 <223> n = A,T,C or G

<400> 3611	
ttnttcnaaa	tttcggantn
cgaggcaagc	tgagagctg
cntnaccatg	gaagctgatg
gactacaggt	gcaagttctg
agaaggagaa	aaaggacttc
tgcttctctg	ntctatctgg
aggtagggct	ttcttaccct
ttccagnac	ataccctctt
ntaataaaaa	aatttttaat
atnttntntn	annactnaa
tnancttnna	ntnnatcttt
ctatnttctt	tgtttantnt
tnnttattta	aaatgtcnat
nttctananc	ctttatntnt
ntnctnntan	tntctantnt
natcgctcct	aatttcggca
cagtcgaagc	acagaggcct
gaaggcttca	gaacctgggg
gatgtccaag	
aagcaaattt	ggctttcctc
tncccaaaac	ttttgggtga
tgatctcttc	tgaaacactt
tnnttaaaaa	
tnnaantnt	
ntannatnna	antntcnant
tnnatantna	
nntatgttnt	aattctactn
tnncncanan	tnnttatcta
gtntntatcn	atnttnttat
tnccn	

<210> 3612

<211> 793
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(793)
 <223> n = A,T,C or G

<400> 3612
 gnnnttttaa atccagctct tgtcttttgc ggaccctcgt tcgaattcgg cacgagaatt 60
 gataataatt agacaaactg aactaaatth ttttaacaga tacctgagt ccaagcttaa 120
 cagatactcg agtgccaagc ataataaaca ggaaatatac acttcaaaaa agaaaaagaa 180
 aaatgaatgc atacttatca aatacttgct gtaagagcat taagtacttt acataagtca 240
 aatcatttaa tcctcatgac cctaagaagt tatttttaaag atcttttgag aatgagaaaa 300
 aaggatgagt aagggtaggt gatctatgta aaacaaataa attctagtna ctggcaaagc 360
 tgagatttga cctaaatcaa tctgccagaa gttctgagtt attttccatg tgcctcacat 420
 agcagaaaag gagatggcat aagcacatnt caggcctaga ggtaacatat actctggcaa 480
 aagcntaaaa ggtctatgaa attttacagc aaggaaaggc tattttctaac agggaggact 540
 cagaggaaag gaagccaccn tttaaagttt gggtagcttg aatnaatttc ttaagacntt 600
 tccccagatn ggaggaccg gggaaagaaa gaaanccttc ccaggaaggg ccaanccngg 660
 agccatggtg gtcaatggtg gtggtttaan gggccngaaa aaaattnggt ggggaaaccc 720
 cnacccccag gncnngggaa aaaaaannnn nnannnnnnn nnnnnnnnnn nnnnnnnnnn 780
 nnanaaaanc ctc 793

<210> 3613
 <211> 870
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(870)
 <223> n = A,T,C or G

<400> 3613
 ntttnnnnnn tttagngggc cnttgcgntn gntctttctg caggatccct cgattcgaat 60
 tcggcacgag caacagtccc aaccagtcga attagacca tttggtgctg ctccntttcc 120
 ttctaaacag tagatacttc tgatggattc tcggcattaa ctctgtttc aaaaaagtgt 180
 gaacagtttt atgaatttga aagaaaatth gggtagctct ttatagcatt cattcttaaa 240
 gatcagtcca gaatanggtg attctaaata aacccaatng aagaatgaag tatctctaca 300
 gggtagtaac ttggattcct cttcagggag aaaaaggag ccttaaattt gcaagcctct 360
 taacctaaag ggtttcttg gntncctngc cttttccaac ccccnnaaa tggcnaagtt 420
 gttgggggccc ctttncccat tgnnnaaaag ccccttttg ggaccntttt ttaangggng 480
 gngttanncc cncntttntt aaaagggncc ccntnggaaa cccggtggan ttttttgat 540
 attcncnaaa agnggcaatt tttttatttg ngcnntnttc cccctcaaaa anttangggg 600
 gnaattttct accataccnc ttaagtttnc acccttnngg aaaatttttt ttttaaangg 660
 gccccntttt taaaatttcc cagacaaggt taaaaaccna tnttanttat tnttnaaag 720
 cnttttnnaa aaggtattat ttttngnna agggcnntaa anttttnagt ccttannccc 780
 tttttttcnc aaaanctanc cnnaattaa ccgcnttttt ggggcctaaa anaactnggn 840
 cattttttta aanaaaaggg ccntnttaat 870

<210> 3614
 <211> 1046
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1046)
 <223> n = A,T,C or G

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<400> 3614
ggcgggtcct ccgnggaaaa accccttttn gggaaattcg gggtagngga aaacnctttg      60
gggnaaacct ccgncgcnaa aaangcgcng agnnnnngng aacggngnnc cacnngcann      120
nnntnnnggn gganccecnng gnacgggttt nccncttttn nancngnacn ngngggcacg      180
ggggancngn gcacnagnan canaangcac ggagccggcc nnaangngan agtaannenc      240
ctaangaang tagangannn aaacatggnt ncncacaag gcangagcag caccttgggg      300
ctgctggnaa gcccnnnatn atgggggncn ncttggacna ngtncnngga naaagggggc      360
gggggcatnc naanccnnnc cctcnnatc nngcaancnn cnnancgggg naaccaacc      420
agngcgaaat anccancggn gccntnaatg cgcnaaacca nggggcanca cggagggncc      480
tnngcgcggn nacaaggcnc acccctngna cacgngngng gggnacnnc cncanacg      540
agcnggcanc gnanccecn ncatnanggg acccctacnn nnnnggggcg nnnnnntnng      600
cgnngggggc acantaccan nanacaccgc gngcganaca nncnttccaa accacggagc      660
aaannaccnc gggagnatan taanaccnac nccaaanng gnncangcac aatcggaac      720
ccntgggnnn ntncntnang ggagcccgga nccccccacc cagnntccnn gananncaat      780
gnncncnnt cnannaccnc nccntaanc cnggggcnc gngggnaang gnnngangccc      840
ccnnnacggg ggncttana gncctaaan antnaccen ngnntncaca aacnncaana      900
agnggcann nccctcggn ganncaaaag nncgcgancg cnnnnancnc cnnnangntc      960
ntcngnncnc nccacnnggn cntcgcncg gggagnncan nggnnnnccc ctncnctncc     1020
naaaagcngn gcntcnncna acccnc                                           1046

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<210> 3615
<211> 743
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(743)
<223> n = A,T,C or G

```

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<400> 3615
agggtgctc ttgttctttt tgcaggatcc catcgattcg aattcggcac gagaaaagga      60
gccagaactt gatgattttg aaaattctca gcctttctgg ttggcagagg gtgatgaaat      120
tgagacacgg caaagatcaa ttcaagagcc actccgggga gaatggcggg cttaaagataa      180
agccaagact gtgcctttta agcctgctgt taagacctga naaggtagtg ccttagcatc      240
ctcttcagtc aactcaagg cctctccgtc aaacaatagg gcttctacct ttttagcagg      300
agccaaggt agaggtanaa gagttcctct tggagagatc tatgggtata gcttttgntc      360
attgcngtga gatatgcnnn aaatccactg tagctaggac tgacnngaaa agaacngtnc      420
naaatgaaaa gagctgtcgg cacccttagc attctgctgg caggaaccag ctgagaaagt      480
gtcangact acacatgccc ctttcatcaa aagggaagaa tgactcanaa gttggaagca      540
ngagcctaga natgaaggcc aaaagtcagtg ggagaattct ttttccaatg gttgagancc      600
taattcangg aactttcaag nggtttgncc ctggctngga attcanmaag tccagtattg      660
ggatcaatgg actctttttg nngccccccc caantttcct gggcctttcn ttttggtang      720
aaaaaagggt ttttnccctt ttt                                           743

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<210> 3616
<211> 906
<212> DNA
<213> Homo sapiens

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```

<220>
<221> misc_feature
<222> (1)...(906)
<223> n = A,T,C or G

```

```

<400> 3616
gnnttnnttt ttctaagggc ttgctccttn tntttctgca ggatcccatc gattcgaatt      60
cggcacgagc ccacacntgc catattgaac cgtttctgca ctaatcttct ncacgggcac      120
ngcgtggagg gaacgtctag gggaaanggg agagcttgac ctccatctag gttactttta      180
tctggnnaaa aangaacact ttttggaactt antgtaatng ctntngnccc tgtaaaaggc      240

```

aangctancc	ncttaacttt	cccanntnna	ccttttnagc	cagggaaacca	aatgnaaagg	300
gttaatggtn	tnncatggaa	caggactact	ttgcttcccc	tttgngggac	aaantttccc	360
tagaaaään	cttacccttn	aaaacaccca	aaaacnttcc	caanccccc	cntggnttgg	420
gcattagnga	agcatggtn	gtncccaaac	tttaccctaa	aggggacntt	ggggagccca	480
ccctttntga	cttcttgttg	gaaattactt	tnnannngag	gaacctggac	ttggccttgg	540
antanaaaaa	ccccttgtaa	atttnccttn	naanttance	nnattcccct	taaaagaant	600
tttntnttgg	gaaaganttc	atttngcctt	gntacntatt	tccctttttt	tnggtggca	660
ttaaaattaa	ttttatttaa	accttggttt	caaactggac	caacatttgg	gttttcttnc	720
caacttangg	gaaatttttg	gaanttcnaa	aactgnttcg	ccttttgaaa	gancttngct	780
ttttttttgg	naaaanngt	ttnggaattt	gggctgttaa	ccnaantttc	cnttnttgg	840
aatcccnna	gganggggcn	anatattctg	gggcaaaaa	aatnnctngg	taccctttt	900
tgntt						906

<210> 3617

<211> 1235

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1235)

<223> n = A,T,C or G

<400> 3617

ctaantctgt	aacctanntt	tcttgacgcc	nnctcgcnc	taaactacnn	tgntctnggn	60
nctcncct	tacnccaccc	ctcaccctcn	tcctttnnnt	ctcgnngcc	tnccccccc	120
ctccnctn	nntgcccnc	ncctancn	ccccnctt	tennctegn	cnntcctct	180
ccntccccc	ctcncctct	tctcncnt	ctnnccctt	ccccccctc	tccgcacctc	240
tctntcccc	tncctgtct	ccccnccct	nccttcccn	tctctctnc	cnntacttc	300
cnctcctcc	nactccctc	ctctcncn	ctnctntnc	tnccnctcan	ccccctctc	360
ccctctcacc	cncttccccc	cnnnccctt	ccccctctc	tnntctctt	cncccnncn	420
ctctccttc	tccctnnan	ccccctcnc	ncctctacc	ctnctccct	nnctcctct	480
ncctacctn	accttccctc	nnccntccn	acnncanncc	tctctctnc	tcctntctt	540
cnctncttc	ctctnctta	tnccnctnt	ctccccctt	ctccnctcc	tctcctctc	600
nnctcctct	ctctntnnat	ccctctctt	cnccnctct	tccnctctt	ntctctctc	660
ttcatcatct	ctctcacatc	tctctctct	tctctctct	tccactctt	tctctnttc	720
tacctctct	cnctctntca	ctctctccct	ccctctanc	tnctctctc	ctcnccttn	780
tnctctnct	ctctctctcc	tctctcttc	cnntcctcc	tctctctct	ntctctctc	840
nacctctcc	tccctctca	ctctctccc	tctctctct	ctccccncc	tnctctctn	900
ccccnccnc	ttcnnngcat	ccccctctt	ctctcncct	ttccnnncc	ttccttctc	960
tcanctcacc	ctnctnctc	ctctctctc	ctctctctn	atccccccc	ttctctctc	1020
cctctatcnc	tctccantcc	tncctctcn	ctcncttac	tacacnctc	ctctcccccc	1080
ntnctctnc	ntctctatc	ctctctnct	ctctctctc	tcctntctc	ctnttccct	1140
tctctnctc	ctctccctt	ctntctnct	ccctctctc	ntctnccct	cctctctct	1200
nttcttntt	cnctctcccc	cnntctctc	ncct			1235

<210> 3618

<211> 999

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(999)

<223> n = A,T,C or G

<400> 3618

ggntattttna	anttttctaa	aagcttngct	actttganct	ccgtnggatc	ccatcgattc	60
gaattcggca	cgagcccaac	cccaggtgtg	ccgctgtctg	cccttgagag	ccctgcccc	120
cgctgtgacc	ccggagatgc	ncgcccgtg	ggtagactgg	ctgggtccang	tgcacgtagg	180
agtacctggg	tctggctggg	gacacacttt	atctggcggt	tcacctgctt	gattcttacc	240

tgagcgctgg	cccngtgcg	tntacatngt	ctgcaactgc	tgggcgtggg	cttgccctgtt	300
tgtggcgctgc	aaaatgggaa	aagtgcgtgc	tttccngaga	ccnacttnc	tnttgnntct	360
tgnnngcgga	nnntcttttt	ttannggng	ggaactttat	tgnnctnccc	aaacnntngc	420
anttcntnnn	ncnccnctn	gaatttttcg	ggcttnanta	ccaaannccn	gncccganng	480
nttgtancct	tnccgacttt	tttggnncnc	ntccttttnc	aangganatn	aaatcccccc	540
aagtggaaat	ntttancatt	gtgncanncn	taaatttntc	tgggaancct	ggtanttttg	600
acttgganag	ncnccnaatn	gccnmccng	ggatttttga	aaaccccggg	ttnnctnatn	660
ngcnnggttt	ttgngnnatt	tttttnnacc	cttngggngn	ccaannnnnn	attttggntt	720
tctaaaatng	gggggcctng	gggcttttca	atnggggttt	tcatagcncc	cannnaaaan	780
tntttttaac	aatatacccc	ctnanngngt	aaantttgng	ggnanaaccc	cctttttnat	840
aagncacctn	ttntnaaaaa	atttttntta	aaatggnnan	atcnntnta	tttttanacc	900
tntanganaa	atttctcacn	tnaacatttt	tgtnatatn	nnggatnnnc	anaatatattg	960
gtnanccaaa	aaatatttta	tgttggacnc	cnaaaaaann			999

<210> 3619

<211> 879

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(879)

<223> n = A,T,C or G

<400> 3619

cnaaatacng	gtacntatct	tcncaaaggn	nnctanntng	ccctaaanan	aatngngtnn	60
gggggttang	nccattttga	tgttacagga	tacttgtaag	tgactttttg	ccattctctt	120
ttgttaccca	tgccctttgt	caccccttg	aatatctctt	ttactcagtt	ctcactttct	180
gttggtgaca	tacttggtga	catgtgccac	cantccatga	aatgaaatac	catatcttcc	240
ttgtgtngat	atnacttttg	tgagtattta	agacatatat	nntnaacnaa	tgtaaaactt	300
nnnaaatnga	ttctcttctc	atnaaaaaac	atttaaaggg	aacattnana	atatnctnnn	360
nacntttctc	tgaagacctt	acnatttcta	ttacttcaaa	actcccnmta	natcancctt	420
ctactacnag	agtgaangga	anaccctaac	anatctnccc	tngtganttt	tacctttgat	480
ctacaangen	ctcccttcac	nnctcnnggt	cnttcttacg	ntancegnat	cctntttcct	540
ctntttcccc	anccatcctt	ccccnataat	tgccccntcn	tcnanttaac	cctcnctctt	600
tgcnttgnaa	ccctcgcgcc	ccctccntcg	cncccttttn	cttnangatn	ctccccctng	660
ccatccnnac	ccttcgcnnt	aacccccanc	ccctctncta	ccttttctnc	caaaaacgtn	720
cctnccatcc	cctantcggn	nantctngnc	cctcnannna	tnctacctc	tcaanctcnc	780
cantcaaacc	nccacattcn	cccanannac	aaanncnngn	naccnnnmta	ntccatntnt	840
acactctccn	nanctcactn	ctcnccnnnt	acnctacct			879

<210> 3620

<211> 959

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(959)

<223> n = A,T,C or G

<400> 3620

nggtnttttn	aattttcnna	agnccctncg	tttcaaacct	tgatcccat	cgattcgctt	60
ggggtgagtc	tcattctcac	cctttcacca	actgtcctgg	taacaatctc	ccttccattt	120
ccttggtctt	acagcatacc	ccatagaatc	aagcctcggt	attgccaggg	ctgaactgac	180
ttttttgttt	ttgtttttgn	tttaagcagt	accattgngc	accttgggaa	aattcctgtg	240
ttgatctaatt	ttaccatat	tcttactcc	actgaccact	ccaattagga	tactcctggc	300
actcttggn	ttagagaggc	ttagatatgt	ggctatttat	ccttttgngc	ttnanactn	360
ggnttttgnc	ttttanctaa	accnggant	ttcctgggga	nccaaaaact	tgnaaatng	420
ttntttttcc	cnaggaagtc	ttcaaattnn	gggaaaaccc	cccaangcct	tgtgnggggt	480
ttttggccan	ncnaagggcg	ttantattnt	ngnnctnata	atttttcggg	gttggaaaaa	540

cccaactctg	gttgggnttg	ggggaatggn	nccttttnaa	aattttggcn	ggggngnatn	600
tttcttgga	taggccncct	tgggaaaacc	cccaaatnc	ttggaacagc	ccgcaaataa	660
anatttggg	nccttcnctg	ggnnctttct	ttaaaaanaa	nggccttttg	gnancctttt	720
tnggggggaa	aaagntggg	gccctattta	aatttcggaa	aacggaaata	cgtntccctc	780
ancaactttt	naaaanaann	tncataaagg	nnaanaaata	acctttgggg	ngcccctttt	840
aagaaacccc	ttttaatntn	gngaccnnnn	nattttaacc	cttngaatat	cccaggancn	900
tttggtttaa	aggaanccnn	ttttggatcn	aaaatttttg	gggacaaaaa	anccccct	959

<210> 3621
 <211> 839
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(839)
 <223> n = A,T,C or G

<400> 3621	
tggntttttg	aaattncntt agggcctgct cttttcnaat cngtnggacc catcgattcg 60
tcctatttta	cgtggttgtt gagaggatcc gatggaatga ctagctgaaa gtgtttgtaa 120
aagtccaggat	aagtaaagca atgctgcagg aacaaacaat ccccaaattt cagcagctta 180
ctacaaaaaa	atatgtattt ctcactcatg ttcatgtcca atgtgtgtta gcaaggagat 240
actgtctctc	acagtcatgc aagacccctt gctggggaag ctgcacctnc atatatgctt 300
ctaccatcac	cagggcagag gagaggagc atggtggatc atcactggct cttaaagactt 360
tacttgngng	acatatgtna cctntactca tggntnatnn ggccaaccaa ttacatgggc 420
atagnctnac	tttaaaaagg gcaggagaag tgcaaaactta tcatgggccc caaggagaag 480
agaatcanag	tatttctgaa cagntttaat ttttggccag accttgaaag tncttaagaa 540
attagcttcc	aaaaaatatt atggaatatt tttcaattct tccaaagcca gectggtant 600
ttnggattca	ccaaccggga aaggctccctg gnaacttctt aaaacttggc naggggaggc 660
cttttacctt	ggaatggtnc aannaaattt anctcnattn aaantttcaa accaaggggt 720
caaaaattcc	aaccgaatgt tnanccaant ggggncncca aacctttgaa accccngnng 780
nnccncttt	nacttaagct tacttgnnnn accngaactg ggnnnaaaan ntnttcccn 839

<210> 3622
 <211> 874
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(874)
 <223> n = A,T,C or G

<400> 3622	
tnnnnnnnnn	aagagnnnnn ntttgaanct aatgctgggc tacttgttct ttttgcagga 60
tcccatcgat	tcgaattcgg cagcaggcgg ctggcgcaa aacctctcga tgagcccctg 120
cccgatgccg	cgggggagag gccngacgg gaccgagaag tgggctggga gcagaggctg 180
cggatgtggc	nagcagggcc ggggccatg cngggaccgg aaggggcccn ggagtggcng 240
gcacgccagg	gtcagggtgc cggncgagg anggggcccg gggttnggga aggggncng 300
gtgagggagg	ttaaacagcc ttgcaggcct nnggnaccg atgttggacg gcncngcng 360
natgtgcgag	ggcccgcccc gcctctcggg gcccatcccc acatacngac gctctgtcct 420
gacaactnca	tgctgccgac tcngctcaag ggcgctcga tggaaaaccg tgaactggac 480
ttgctgactt	ccnaccggcc ctggacacna ncgntgccnc tnggccctg gcattangtc 540
cnggnggcn	gaaaaggatn ctggnagnnc cggtnccagc ccngcctttc gggngacntn 600
ncttnnntgc	naacttcgag ggggggatct taaccttaag gttccctggg gngccctttt 660
ttttaaaaga	nnggaaaagg gacnccctta anggncccc nttgaaaaaa agggatntaa 720
acccttggan	ggccccgggt tncaannngg aaagaaattt tcaaaaaaan cctcnttttt 780
taaaaaaaa	aaccnnggg aaacnctntt tancccnng gnaanncct anggggggnc 840
caantncccc	aaaagggncc cccccttgn aaaa 874

<210> 3623
 <211> 749
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(749)
 <223> n = A,T,C or G

<400> 3623
 agagnntnnn tntttgactt tnatgcttgg tctactngtt ctttttgcan gatcccatcg 60
 attcgaattc ggcacgcagg tnnatcctg cactcnnttt anngagccct tgnncnaatg 120
 ccntgnngga gaggccngga gcgggaccga gaagtgggct gggagcagag gtcgcggagg 180
 tggcgagcga ggccggggcc caggcgggga ccggcagggg cccgggagtg gcgggcacgc 240
 cagggtcagg gtgccgggcy agggaggggg cccgggggtg gggagggggg cccggggagg 300
 gaggtaaaca gccctgcagg cctcggggca ccgttgctgg gcggcgccgg cggcatgtgc 360
 gagggcccggt ccgcacatctc gggggccatc cccccagacc gacgctctgt cctgacaact 420
 acaggcggcc gactcggctc aaggcgccct cgagggaaac gcgctgaact ggacttgctg 480
 acttncgacg ggccctggaa ccacgtcccc gtggccctcg catcggtccc ggtgccggag 540
 agatcctgga gcgcggccac gcggccgtcg gggacgtgct gttgcaactc aggggggatc 600
 tncctaggtc ctggggcctc ttntcaagan gaaggaccct taaggaccat gagaaggaga 660
 acctgagccg gatcaaggga gatttaanaa acctttaaaa gaacanganc cccaaccnng 720
 ggancaaggg ccaagccaag gcccttna 749

<210> 3624
 <211> 740
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(740)
 <223> n = A,T,C or G

<400> 3624
 agagnnnnnn ttgtanctna tgctggnnnta gcgtnctttt tgcaggatcc catcgattcg 60
 aattcggcac gaggcctccc gacccccctt ctccccctcc ccacctatcg tcatgacggc 120
 ctctccggat tacttggtgg tgctttttgg gatcactgct ggggccaccg gggccaagct 180
 aggctcggat gagaaggagt tgatcctgct gttctggaaa gtcgtggatc tggccaacaa 240
 gaaggtggga cagttgcacg aagtgtctagt tagaccggat cagttggaac tgacggagga 300
 ctgcaaagaa gaaactaaaa tagacgtcga aagcctgtcc tcggcgctcg agctggacca 360
 agccctccga cagtttaacc agtcagtga caatgaactg aatattggag tagggacttc 420
 ctctgtctc tgtactgatg ggcagcttca tgtcaggcaa atcctgcatc ctgaggcttc 480
 caagaagaat gtactattac ctgaatgctt ctattccttt tttgatcttc gaaaagaatt 540
 caagaaatgt tgccctgggt cacctgatat tgacaaatgg gacgttgcca caatgacagg 600
 agtatttaaa ttttgagaag agtagttcaa tctctcgata tggagcctct caagttgaag 660
 atatggggaa tataatttta gcaatgattt cagancttat aatcacaggt ttcagatcca 720
 gagagagtgg attncaagtt 740

<210> 3625
 <211> 745
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(745)
 <223> n = A,T,C or G

<400> 3625

agtnntttnnn	tnangaatcc	ttgctgggnc	cgcggtggctt	tntgcaggtn	gcccacgat	60
tcgaattcgg	cacgaggcct	cccgaccct	tttctcccc	tccccaccta	tcgtcatgac	120
ggcctctccg	gattacttgg	tggtgctttt	tggtatcact	gctggggcca	ccggggccaa	180
gctaggctcg	gatgagaagg	agttgatcct	gctgttctgg	aaagtcgngg	atctggccaa	240
caagaagggtg	ggacagttgc	acgaagtgc	agttagaccg	gatcagttgg	aactgacgga	300
ggactgcaaa	gaagaaacta	aaatagacgt	cgaaagcctg	tcttcggcgt	cgcagctgga	360
ccaagccctc	cgacagttta	accagtcagt	gagcaatgaa	ctgaatattg	gagtagggac	420
ttccttctgt	ctctgtactg	atgggcagct	tcattgtcagg	caaatacctgc	atcctgaggc	480
tnccangaag	aatgtactat	tacctgaatg	cttntattcc	ttttttgact	tcgaaaagaa	540
ttcaagaaat	gttgccctgg	ttcacctgat	attgacaaac	tgggacgttt	gccacaatga	600
cagagtattt	aaantttgag	aagagtagtt	caatctctcg	anatggagcc	tttcaagttg	660
gaagatatgg	ggnaatntaa	tttagcaatg	atttcaganc	cttataatcc	anggtttcag	720
atccngagag	agtnattac	aagtt				745

<210> 3626

<211> 735

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(735)

<223> n = A,T,C or G

<400> 3626

agtnntttnnt	tntgactcnt	tgctggnnna	gcgggctttt	tgcaggaccc	atcgattcga	60
attcggcacg	agccccaccc	attagttntg	tggtgctgcc	caacaccttc	ctgggttcac	120
atccggccag	acaagaaaaga	agccaaaaaa	ctttccgtct	accactgcgc	ctcctcatgc	180
ccaccccatc	ctattagcct	aaaatggaac	gggctaatta	gtttatttgt	atagggaggg	240
gtttcagctg	cctggacaaa	accaggagtc	cactgtccaa	gcttcttctg	ttttcctgag	300
ctcagaagaa	aaaaagtgtg	ttagactaag	ataataccgc	cttttgaata	tctcggttcc	360
atatttgctc	ccatgagtga	gagggccaag	tggtatctgc	aagttgaatc	ttctatatcc	420
aaaaatctcc	atcccttttt	tctgccagcg	cattcccgag	tcagccgttc	acttgctcta	480
agcctctata	atctatgatt	ttctttntct	tttaacctgc	tctttccatt	ggccagttta	540
ttcattttctc	agctacagct	tcagagggcg	tcaccttcng	gcttccgncc	caagggcatc	600
tggaggcttc	agttctgntt	tctctgctga	gtcaggagcc	agcccacttg	atgtggctcc	660
cgtgtatctt	tgngtctctg	ctcantctnc	tgctagtgtg	ccttggtgtc	ctcatcaatc	720
tctttccatc	ctggg					735

<210> 3627

<211> 741

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(741)

<223> n = A,T,C or G

<400> 3627

agagnnnnnn	ttttngncta	atgctgggnt	actcgggctt	tttgcaggta	gcccancgat	60
tcgaattcgg	cacgagcccc	acccattagt	taggtgggcc	tgcccaacac	cttcctgggt	120
tcacatccgg	ccagacaaga	aagaagccaa	aaaactttcc	gtctaccact	gcgcctcctc	180
atgccacccc	catcctatta	gcctaaaatg	gaacgggcta	attagtttat	ttgtataggg	240
aggggtttca	gctgcctgga	caaaaccagg	agtccactgt	ccaagcttct	tctgttttcc	300
tgagctcaga	agaaaaaaag	tgtgttagac	taagataata	ccgccttttg	aatatctcgg	360
cttcataattt	gcctccatga	gtgagagggc	caagtgttat	ctgcaagttg	aatcttctat	420
attcaaaaaat	ctccatccct	tttttctgcc	agcgcattcc	cagatcaagc	cgttcacttg	480
ctctaagcct	ctataattta	ttgttttctt	ttctctttta	cctgctcttt	ccattggcca	540
gtttattcat	ttctcagcta	cagcttcaga	ggggctcacc	ttcgggcttc	ccgcccgaag	600
ggcatctgga	ggcttcagtt	ctgntntctc	tgctgagtca	ggagccaggc	ccagcttgat	660

ttggctcccg tgtatctttg ngncnctgct cantctctgc tantgtgcct ngggtgcctc	720
atcaatctct tccatcctgn g	741

<210> 3628
 <211> 743
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(743)
 <223> n = A,T,C or G

<400> 3628		
agagnnnnnt tntancta	gctggnatag	ctgggctttt tgcaggatcc catcgattcg 60
aattcggcac gagcttgatt	aggtcttttag	gggccgaggg actagccagc tgcacagggtg 120
actggatggg ggaggggcan	gtgaggtggg	tctacagagg tggcttcgcc tttgaccttc 180
atgctgggtct cggctgaggt	gacacgctag	tgcagcccca ataggggggtt acccttattg 240
agtaaaatac ttcagattga	cagctcaatc	ttagtttgcc tccagttaat cttttatgct 300
tagggattaa atgtgtggtt	ttttntttgt	nnnnnttttt tggagacgga ntctcgnctc 360
gtcaccgang ctggagtga	gtggcgcgat	ctcggntcac tgcaacctct gcctcctggg 420
ttcaaacgat tctcctgcct	cancctccca	agtagctggg attataggcg cccaccacca 480
tgcttggtcta gntttttatt	nttagtanan	atgggggttc acccntgttg gccaggetgg 540
tctcgaactc ctgacctgct	ngatctaccc	acctngnct cccaagtgcg gggattacag 600
gcgtgagcta acatgcctgg	ccaggggatt	aaaatattca aacatgttgn gtgtaccag 660
atatgctgnt aatttangaa	aaacagtnca	atttctatga aatgggtggg gactatttnc 720
tgtantcaat acattnggga	tat	743

<210> 3629
 <211> 749
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(749)
 <223> n = A,T,C or G

<400> 3629		
agagnnnnnn ttgtanctaa	tgctggtnta	ntctgtncct tttgcaggna tcccatcgat 60
tcgaattcgg cagagacttg	attaggtctt	taggggccga gggactagcc agctgcacag 120
gtgactggat gggggagggg	caggtgaggt	gggtctacag aggtggcttc gcctttgacc 180
ttcatgctgg tctcggctga	ggtgacacgc	tagtgacagc ccaatagggg gttaccctta 240
ttgagtataa tacttcagat	tgacagctca	atcttagttt gcctccagtt aatcttttat 300
gcttagggat taaatgtgtg	gttttttttt	tgttnttttt ttttgagac ggagtctcgc 360
tctgtcaccc aggtggagt	gcagtggcgc	cgatctcggc tcaactgcaac ctctgcctcc 420
tgggttcaaa cgattctcct	gcctcagcct	cccaagtagc tgggattata ggcgccacc 480
accatgcctg gctagttttt	tatttttagt	agaatggggt ttcacccgtg ttggccaggc 540
tgggtctgaa ctctgacct	cgtggatcta	cccacttggc ctcccaatgc tgggattaca 600
ggcgtgagct ancatgcctg	gccagggatt	aaaaatattc aaacatgttg ggtgtaccca 660
aaatatgcct ggtaatttag	gaaaaacagt	ccaatttcta tgaaatgggt tgggactatt 720
ttctgtagtc aataccaatg	gggatattct	749

<210> 3630
 <211> 750
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(750)

<223> n = A,T,C or G

<400> 3630

agtgtnnnct	ttgaaacctt	atgctcggta	tagctgggct	ttttgcagga	tcccatcgat	60
tcgaattcgg	cacgagagca	tgccttaaag	agggaccagc	tgtagtaggt	cagttttattc	120
aagatgtcaa	gaactcaagg	tctacagatt	ccattcgtct	cttagctcta	ctttctcttg	180
gagaagttgg	gcatcatatt	gacttaagtg	gacagttgga	actaaaatct	gtaatactag	240
aagctttctc	atctcctagt	gaagaagtca	aatcagctgc	atcctatgca	ttaggcagca	300
ttagtgtggg	caaccttcct	gaatatctgc	cgtttgctct	gcaagaaata	actagtcaac	360
ccaaaaggca	gtatctttta	cttcattcct	tgaaggaaat	tattagctct	gcatcagtg	420
tgggccttaa	accatagtgt	gaaaacatct	gggccttatt	actaaagcac	tgtgagtgtg	480
cagagggaag	aaccagaaat	gttggtgctg	aatgtctagg	aaaactcact	ctaattgatc	540
cagaaactct	ccttccacgg	cttaaggggt	acttgatata	aggctcatca	tatgcccga	600
gctcaatgg	tacggctgtg	aaatttacaa	tttctgacca	ttcacaacct	attgatccac	660
tgtaaagaa	ctgcataggt	gatttcctaa	aaactttgga	agaccagat	tggaatgtga	720
gaagagtaac	ccttggtcac	atttaattcn				750

<210> 3631

<211> 745

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(745)

<223> n = A,T,C or G

<400> 3631

agnnnnnnn	ttttanctaa	tgctggcnct	ctngttcttt	ttgcaggatc	ccatcgattc	60
gaattcggca	cgagagcatg	ccctaaagag	ggaccagctg	tagtaggtca	gtttattcaa	120
gatgtcaaga	actcaaggtc	tacagattcc	attcgtctct	tagctctact	ttctcttgga	180
gaagttgggc	atcatattga	cttaagtgga	cagttggaac	taaaatctgt	aataactagaa	240
gctttctcat	ctcctagtga	agaagtcaaa	tcagctgcat	cctatgcatt	aggcagcatt	300
agtgtgggca	accttcctga	atatctgccg	tttgctctgc	aagaaataac	tagtcaacct	360
aaaaggcagt	atcttttact	tcattccttg	aaggaaatta	ttagctctgc	atcagtggtg	420
ggccttaaac	catatgttga	aaacatctgg	gccttattac	taaagcactg	tgagtgtgca	480
gaggaaggaa	ccagaaatgt	tggtgctgaa	tgtctaggaa	aactcactct	aattgatcca	540
gaaactctcc	ttccacggct	taaggggtac	ttgatatcan	gctcatcata	tgcccgaagc	600
tcaatggtta	cggctgtgaa	atttacaatt	tctgaccatt	cacaacctat	tgatccactg	660
ttaaagaact	gcatangtga	tttcctaaaa	acttttgaag	accagatttt	gnatgtgaga	720
agagtacctt	ggtcacattt	aattn				745

<210> 3632

<211> 1304

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1304)

<223> n = A,T,C or G

<400> 3632

gnnagcggtc	ncncttntng	gaaacnnttt	cnaantngct	ggggaacncc	gaaatcgcn	60
nnagggtcgc	natgcganc	gcaaagtcac	acaaaaactt	cacttaagta	gtccctattt	120
ttactccagt	gcttatnnca	ttatctagca	gaatgtacct	tcattngatc	cactattttac	180
cantgattaa	agtgagcng	tcngtggagt	tatacgnnac	tnngnagact	tntgtctanc	240
gaaatacann	anacaaccnc	anaggaccat	aantttnatg	cctatagaac	atnnnangaa	300
acaggagcag	gatcntngtc	tataatatan	caaacttgnt	tnnacatacc	tancnacaac	360
ctacaaatgc	tcttanaacc	ancctanctn	antgctnccn	agttttnctn	ggntnaactc	420
cnactnttng	gngcaantgc	aggntcacnt	anctnctnatt	cccnantgna	naaactnnnn	480

ccccnnanan	ctntnntnta	gtcannnct	ctttaacnac	ntnnnnatnc	nttntannat	540
cagccaggnc	accnacanta	nttcanttcn	ttnnccaatc	annactgnaa	tntnnncnctt	600
nnctntttnc	ncttctnnct	aacatcacgg	ctatncgcnt	aaatnttcta	cactcacggg	660
tgananaactc	ggncnnaacn	tctncgggag	nctatacctn	tcgcnnnnca	cagtntgcgn	720
tatnncncaa	taagaanaan	atctncnctc	nnananantc	ncntttcctn	aaccannaca	780
nnntgnntct	catnnacnnt	ncgtaangcn	agtaacnecg	tantcancat	actnacatan	840
nagtntatcn	aactntncnc	ttctntnanc	tananaacgt	tcacncttnc	ntatanaact	900
cntattanac	tcanacnngc	tcctnngnga	tngtntcttc	tatnganann	nnnncannnc	960
tannngnnat	nactccgacn	gtacacctat	ataatagant	ctntacnctc	ctattcatca	1020
gatnnanttc	tcanagantt	nnnnntaaca	ttatnncnac	tanacnatgn	tcanccttca	1080
nattcggnnc	nctacacnct	ctacnccatc	tcnagcnnnn	tactttctac	aannnancct	1140
nctntacnnc	ntacanatan	tatcacanat	ccnecgnaant	ntntntnctc	cntagnngta	1200
canactnca	tctatntcta	cnnataaata	ntcctatcn	nctcanatcn	cnctnttant	1260
cngntacggn	ntecgcannc	nctcctcatc	ntntcngnac	ncnt		1304

<210> 3633

<211> 732

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(732)

<223> n = A,T,C or G

<400> 3633

cnaaatncct	gctacttttg	atttccngna	ggatcccac	gattcgccga	tttacagatt	60
gaagcggtaa	attagtgggt	ttatgggtatt	tctgtaaaaca	gggataaagt	ggaccctgac	120
aaattcaata	ttgtctgaag	agacaatcta	ttctgggtct	gttggacttc	agggtatttt	180
tctttttttg	taaaatgaaa	actacaaaaga	aacctgactt	ttcaattttt	tatacatgta	240
attttctaga	aattctaggaa	gtcattttaca	catccttata	taccatgagg	ggcaaaaagta	300
agctttcttc	ctcccaaaagc	aaaactcttt	ttccttaagg	agctggaatg	ccaccttgaa	360
attctgagtt	ttgagctttc	agtcattttt	tggctggaat	agggtgggtga	aatttcctaa	420
gtctgtctctg	tgatgtncct	ctgaagggat	gcancatgaa	ccattgggtcc	ctttatgcga	480
tcattgtcccg	ggctgcactn	acanggtttg	gggcanaaaaa	aanccaaaaca	tttcacccac	540
aggcaagctt	gctnttcggn	aacccccnaa	gctgggtcct	gcgacagaat	ttggtnaagg	600
acccttnacc	gnttgggtcac	tggctgcatt	tgnggcnaan	accccccccc	gctnatttnn	660
gaggatttta	aaatttggan	tgggttggct	ggccttgac	ttccgnanct	tatgcctaaa	720
aaaaattttc	ct					732

<210> 3634

<211> 1278

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1278)

<223> n = A,T,C or G

<400> 3634

ctaccgcctt	atgntatcgn	nctttccnna	anananangc	tnggcggaatt	cggcacgagg	60
atctatctct	tctccctgcc	cattaaggaa	tcagagatca	ttgatttctt	cctggggggcc	120
tctctcaagg	atgaggtttt	gaagattatg	ccagtgcaga	agtcnnancc	ccccccnnc	180
cnctcnncna	cnccctcnc	ncnttccnnc	ntccccctc	ccnnntccnn	ccnnnnnnct	240
nancanncn	ctnacnctc	cnctnctcnn	cncccncca	ncncccnacn	ccaaccnnnn	300
ccnnncnnnc	ncaccanccc	tnntnncccc	ncnnatntnc	tcnancnct	acnncnctn	360
ttcctctctc	tcnncntcnc	cnctnctttn	cacnctctc	ntacctcnc	nctnctcctc	420
nnccnncncc	ccntctann	acnctannc	acccccccnn	atacanctcn	ccnccnctn	480
tcnccccnnc	ntcanntcnn	tnntcncnnc	tnnnnctcct	ncnnnttttn	nantccaanc	540
nacnnccnnt	ncntcttct	ntatcnctnc	cttacctctc	tcctactctn	ctctcnctc	600

cncctctccc	tennctctnt	ctnnctcttc	nnnanctctc	ctcnnccnc	cncactttcc	660
anccttctnn	ncacacccat	tccnntacac	nnncncncc	ctnnctctnt	cacnnntct	720
cncnctctc	ncnnanncn	ncnncannac	ncnncctecn	ctctannann	cncnnncnn	780
ncnccnctn	cncncatctc	tnnctctnct	cntntncnca	tctcnntntt	ctntcnncnc	840
acncacttcc	actnntcnct	cctcctannn	ncanctcnnt	tctncccnnc	acnatnatnn	900
accnncnnnc	tncatcnnnn	tnatccctc	tctcnctctc	nnntcanncn	cacnacttcc	960
ctcccnmntn	ctatcncant	cnttcacnnc	ncctctccnc	tnatatntn	ntacnctcnc	1020
ctctcacctt	cacatcatna	tacnacnaca	cntctatnna	nnctcncnct	ctancnctnn	1080
ntacnccan	nnncnctnc	accnncntcc	tttccnctn	tctctnctnn	catctnnmnt	1140
nantctntca	mntctctntc	ntnctcttnn	actctnncn	nctnnacna	ctntctatnc	1200
nnccacnaat	cancatcnct	cctctctnnc	cntctntctn	nnctctntac	tnancacatn	1260
tnctcnctntc	tctccct					1278

<210> 3635

<211> 762

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(762)

<223> n = A,T,C or G

<400> 3635

gnnnttnnan	ncnnttnnc	aaatngctag	gctactngtt	ctttttgcag	gatcccatcg	60
attcgaattc	ggcacgaggc	tgtttcctca	agaaaatgaa	gaggggaagga	tggctcangg	120
aaagttaatc	agagggaaaa	tgctactctg	tanagagtaa	aanatttang	atgatgatac	180
gatctgggaa	aaaanggcag	agtgaanacc	acttaaanac	aaactgaanc	ctatgaagg	240
gcatgctatt	tccccagagc	tgaaaagata	agtgaatng	tgtatgaact	cttaagtggg	300
ggtgaagcag	aattttattag	ccaccaacca	cataagtgat	tatgaagtaa	ctgagaaaca	360
ggtaacattt	tttcccat	ggacaaaact	ttctctttct	agaatattaa	gtctctatga	420
tgagaaatga	agtagcatct	caagcagttt	ataaatctac	canaatatta	gaatcacctg	480
ggaccttga	acgtactcat	gccaggtct	actntattca	tttattnttt	tgtnnagatg	540
gggacttcaa	ctcttggtct	caaagtatcc	tnccacctcg	gcctcctaaa	gtgtgaggat	600
tacaggcgtg	agccctgtgg	ccagccctac	taggtctgct	ttggaccaat	taaatcaatc	660
tctgggggtg	gaacctgggc	tttaagtatt	tttaaaaatt	ttcctaggtg	ggtctaatta	720
atactcggat	tgagaaccct	gctacacatg	gaatnttatt	cc		762

<210> 3636

<211> 770

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(770)

<223> n = A,T,C or G

<400> 3636

tnacnaatta	ntntgctctc	gtncctttccg	naanaannng	gcgnntcggt	gagacggagt	60
ttcaccatgt	tgccaggat	ggtcttcaac	ttctaacttc	gtgatccacg	ctgctgggat	120
tacaggtgtg	agccaccgcy	tgtggcctct	gggcaccttt	tgaagctgaa	gcagagagag	180
aaggcggcag	gcatacagct	tttcttctat	gaacttataa	gatcaaagac	tttaagactt	240
tcactatttc	ttctaccgct	atctactacg	aacttcaaag	aggaaccagg	agtacggaag	300
gagcatgaaa	gtggacaagg	aacgtgacca	ttgaagcacc	acagggaggg	gttcaggcct	360
ccggatgact	gcaggcaggc	ctgggtaaca	tccagcctcc	cacaagaagc	tggtggagca	420
gagcgttccc	tgactcctcc	aaggaaagga	gactcccttt	cccgtctgc	tcagtaacgg	480
gtgccttccc	agacactggc	gttaccgctt	gaccaagggg	ccctcaagcg	gcccttatgc	540
gggcatgaca	gaaggctccc	ctcttgctt	ctattcactt	ctcacaatgt	cccttcagca	600
cctgacccta	tacctgccgg	ttattcctag	gttatattat	taatgcaaca	gagtaattat	660
aaaagcta	gattaataat	gtttataata	atgatggata	attggttcat	gatcatcgct	720

gtatctaatt tgnattatga ctatncttat tctattntct ttatatactn

770

<210> 3637

<211> 770

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(770)

<223> n = A,T,C or G

<400> 3637

tnacnaatta	ntntgctctc	gtncctttccg	naanaannng	gcnntcgtt	gagacggagt	60
ttcaccatgt	tggccaggat	ggtcttcaac	ttctaacttc	gtgatccacg	ctgctgggat	120
tacaggtgtg	agccaccgcg	tgtggcctct	gggcaccttt	tgaagctgaa	gcagagagag	180
aaggcggcag	gcatcagcgt	tttcttctat	gaacttataa	gatcaaagac	tttaagactt	240
tcactatttc	ttctaccgct	atctactacg	aacttcaaag	aggaaccagg	agtacggaag	300
gagcatgaaa	gtggacaagg	aacgtgacca	ttgaagcacc	acagggaggg	gttcaggcct	360
ccggatgact	gcaggcaggc	ctgggtaaca	tccagcctcc	cacaagaagc	tggtggagca	420
gagcgttccc	tgactcctcc	aaggaaaagg	gactcccttt	cccgtctgc	tcagtaacgg	480
gtgccttccc	agacactggc	gttaccgctt	gaccaagggg	ccctcaagcg	gcctttatgc	540
gggcatgaca	gaaggctccc	ctcttgctct	ctattcactt	ctcacaatgt	cccttcagca	600
cctgacccta	tacctgcccg	ttattcctag	gttatattat	taatgcaaca	gagtaatat	660
aaaagctaata	gattaataat	gtttataata	atgatggata	attggttcat	gatcatcgct	720
gtatctaatt	tgnattatga	ctatncttat	tctattntct	ttatatactn		770

<210> 3638

<211> 928

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(928)

<223> n = A,T,C or G

<400> 3638

ctaannatta	attanntagc	ctaaatngcn	naacnntgnt	tnngcttngg	gccaancat	60
ggnncctnnt	aagtaagatn	tntnnnnggg	agctgganaa	tcagnactgt	cccagccgat	120
gggtngttcc	nactgggagc	anangaagcc	ttgaggacct	actcacanat	angaattgaa	180
gattatcttn	aaaacaatct	tccactantt	ctgacnatac	ttggagcctg	ntccacgtgc	240
atnccacctt	gggaagcctc	tncaaagagc	tttcngagct	nacactgaca	gntncanttt	300
cccnkanaac	ccacnatagc	ctnngctgngt	ctgtctnccc	ggcangagtc	catnctcact	360
gccgggacac	tcatnacant	ctccacgntc	tnctcttccc	cancctgnat	ggagcctccn	420
nggctnnnga	acgntnccca	agtcaatnct	cacnnatncc	ngnagctgcc	tntnagcact	480
nntcttgccc	canctccctc	cttgacanaa	tcatnaccca	ncatgacncc	cactnngcca	540
tnccnntcna	canttttttn	tentcattnc	atntntctn	cccatngnna	cntcnnaacc	600
nnctagtana	ccccancant	ctcggnatct	ncncaaccng	nncancnana	cntttgntct	660
ttntncnntn	tgatcntcca	cctnntcttn	tctnncnatn	tncaataatc	ntaattccta	720
nacatnctac	tcttaaancnt	ccnttnctta	nnttcccaca	catctgttna	taentatccc	780
tnctncccca	tgnntnnnat	ctcanntccc	cnnngcctnn	annatnttac	tcagccctnt	840
cctttatnna	nntcnntnca	ccnccgnnagt	nnnnccatan	cnnanatttn	nncancacan	900
cnctctcntn	ttttcaaacc	tncncccg				928

<210> 3639

<211> 781

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(781)
 <223> n = A,T,C or G

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<400> 3639
gaacntatct ntgtgtagct cgnantnnc taaatanaat aggctggng aattcggcac      60
gagagtgagt ggtcttacca aaaatccagt atccttgcca tccttgccaa atcccactaa    120
accaaacaac gttccttctg tgcccagtc tagtattcaa aggaacccta ctgccagtg      180
tgcaccattg ggaacaacac ttgctgtgca ggctgttcca acagcacact ctattgtaca    240
agccacaagg acttctttac ccacagtggg cccatcagga ctctatagtc catcaactaa    300
tcgaggtcct atacagatga aaattccaat ttctgcattt agtacttcgt ctgctgcaga    360
acagaacagc aataccaccc caagaattga aaaccagaca aacaaaacaa tagatgcttc    420
tgtcagtaag aaagcagctg atagcacatc acagtgtgga aaagccactg gcagtgattc    480
aagtgggtgc attgatctca caatggatga tgaagagagt ggagcttcac aagaccccaa    540
aaaactaaat cacactcctg tatcaacccat gagttcttct cagcctgtgt cagcaccatt    600
gcaaccata caaccagcac cgnctcttca accatctggg gtgccaacaa gtggaccatc    660
ntcagaccac catacactta ctacctacag cttcaactac ccgngaagt aacacatcgt    720
ccagtaactc angtgacca caagaatncc ctgtaccaag agctccttnn aaaccaccan    780
n                                                                    781
```

<210> 3640
 <211> 924
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(924)
 <223> n = A,T,C or G

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<400> 3640
ctaacnaatt antgnngnang ctcgtncttn ccgaacnana nnggcggggg cgaattcggc      60
acgagattta gtcactagct ataatacatt tagtgaacaa atgtagtctt gcactaaaat    120
tagagaatac ctatcctttt caagaataca taaaataatg accatatata taccacagag    180
taagctgcaa ccaattctag ataacttaaa tacagaccat gtttggaat ttaagaaaaa    240
aaaacacatt tataacttgt ggatcaaaaa agtcatagaa cttagacaat acttggaact    300
gaatgtaaat acaaatgcta ttaaaatttg tagtatgcag ttaaacagga cttgtatacg    360
catttatata tctaaatgca tgtattagta aagaaaaaca aatagaaaat taagtttcca    420
actgaaaaag ttagagaaca acagatccat cagagggaagt agacagaagt tataaagagt    480
tataaaggta accaggcatg gtgggtgcaca ccctatagcc ctactactc ngnangnnnn    540
gnnggtnncn aggnntgctt gnnncnnga atccnacngt ccnnncngnc cnattgateg    600
gcnnctgcnc aatngnnctn cttctancct caccctngg tcnaccatan ggnganncan    660
nncatacten tcngcacanc ctatttcctc nananggtng gntcctccnn nnnatcttnc    720
ncnncntctc anctanttn ncatnttnc tanntcnant cctccatatt ncnnctcnc    780
ccnactactc gtnnacgnct cncctttctn caanannnngn gancctntna nnnngncaaca    840
tncntcngtn ccnncnctn nncntnnntnn nccncttct nctctctnt ttcnnngcan    900
annccanntn ngntcctnct ntct                                                                    924
```

<210> 3641
 <211> 868
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(868)
 <223> n = A,T,C or G

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<400> 3641
ctaaaanaag gtngggggaa ttcggcacga ggtcaggctc tgctggacac tgcattgtcca      60
aacgtcattt taccatgtg ccagcgacaa ggtagattcg cttgtnccaa tttgcacat    120
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aaggaaacag	ccttagagag	gttaggttgc	ttgtgcaagc	ccagggtagg	tggcaccag	180
tctgccagtc	tgcaacgcac	tggtatcttn	cagccagtag	accttgctcc	ctgggtgccc	240
agttctggat	ctcaggaaan	gtggattaag	gtccttagtg	gcgggacctg	ggtggggatt	300
tgctgccttc	tggtggcaga	agggacatca	ccctgggtgt	gagacttggt	ggcatctgtg	360
aggcggctct	ttcatccnan	ggaagccgga	cctcaaactc	gacctcagcc	ccaggaaggt	420
gccancanga	nggtgccacc	tangagggtg	ccaccagggt	tccgccnggg	tctgctgggg	480
ccctgctcca	tcttgannca	nncacataan	cncctcaagc	gtcacnagac	ccagggnttn	540
actgtctggg	ntttganncc	tgtgnnngcc	ccctgagccn	atttgncctt	ntctcctctt	600
tggggccctc	canntttccc	nttttcantt	tannanttct	ncnnantnna	ttaannctcc	660
cnggggccaa	actntatncn	taggaaacnt	ncactncctn	annaatttaa	atztatnntc	720
tacacttcaa	ctctnccatc	tnnnaactgc	ctnnacncna	atntatttcn	tnctnnnnct	780
ccnctntcta	natcatcnnn	tctatcntct	tatatnntca	ctnnnctnat	nanaaaaact	840
anncngtgcg	tctttcntta	gaacncct				868

<210> 3642

<211> 787

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(787)

<223> n = A,T,C or G

<400> 3642

tnnacaattn	cncntgctac	tcgttctttc	cgcaatannn	nntgctnttc	gaattcggca	60
cgaggccagt	ccctggacag	ctncgacgcc	atgaatatnt	tgcccangaa	gagctgncac	120
gtncggaaca	nggacaatgt	ngnccgcntg	cgngtgacg	aggcccaggc	ccggnaggag	180
gagaaggagc	gtgagcggag	ggtgctgntg	gtcancaaag	aggcccgtnc	anaattccta	240
cngaagaaag	ccanacatca	gaactcactg	cctgagcttg	aagcagcaga	ggcgggagcc	300
ccaggttntg	gccctgtgga	cctgtttcgg	gagctgntgg	aggaagggaa	aggagtgate	360
ataggcaata	aagagtncga	ggaagaaaag	cgacaggatn	aaaganaggc	nngagaaagc	420
tctgggcatn	ctgacatacc	tggggccanag	tgcatcngag	gcacagactn	aacccccctg	480
gtaccagctt	ccccagggc	gagggggccc	cccggccngt	ccagccccag	atganangat	540
caagancctc	tggaccctct	gcgggagatg	cataagcatc	tggngaagaa	gagacagnac	600
ggcggtgatn	aangcagtnn	cagctnaaag	gaaaaggacg	ggtctnagaa	gcattaccca	660
aggagccttc	atacnttgac	cagcttngaa	cttgaaccgt	ntgctgaggg	aaatcagctg	720
tatangtctc	nggcataaag	ccctgctggc	cccnggttcc	aaagcccngg	cacttacang	780
gagggnt						787

<210> 3643

<211> 787

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(787)

<223> n = A,T,C or G

<400> 3643

tnnacaattn	cncntgctac	tcgttctttc	cgcaatannn	nntgctnttc	gaattcggca	60
cgaggccagt	ccctggacag	ctncgacgcc	atgaatatnt	tgcccangaa	gagctgncac	120
gtncggaaca	nggacaatgt	ngnccgcntg	cgngtgacg	aggcccaggc	ccggnaggag	180
gagaaggagc	gtgagcggag	ggtgctgntg	gtcancaaag	aggcccgtnc	anaattccta	240
cngaagaaag	ccanacatca	gaactcactg	cctgagcttg	aagcagcaga	ggcgggagcc	300
ccaggttntg	gccctgtgga	cctgtttcgg	gagctgntgg	aggaagggaa	aggagtgate	360
ataggcaata	aagagtncga	ggaagaaaag	cgacaggatn	aaaganaggc	nngagaaagc	420
tctgggcatn	ctgacatacc	tggggccanag	tgcatcngag	gcacagactn	aacccccctg	480
gtaccagctt	ccccagggc	gagggggccc	cccggccngt	ccagccccag	atganangat	540
caagancctc	tggaccctct	gcgggagatg	cataagcatc	tggngaagaa	gagacagnac	600

ggcgggtgatn	aangcagtnn	cagctnaaag	gaaaaggacg	ggtctnagaa	gcattaccca	660
aggagccttc	atacnttgac	cagcttngaa	cttgaaccgt	ntgctgaggg	aaatcagctg	720
tatangtctc	nggcataaag	ccttgctggc	cccnggttcc	aaagcccngg	cacttacang	780
gagggnt						787

<210> 3644
 <211> 789
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(789)
 <223> n = A,T,C or G

<400> 3644						
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cgaggagtgg	atatgttcgt	ggagacactg	tggaaagtct	ggaccgagct	cttgatggt	120
cttggacttg	acgtctccaa	cctgtcccag	tatttcagcc	cagcctcggg	gtccagcagc	180
ccggcccgcg	cgctcctgct	ggtcggcgct	gtcctcctgg	cctactgggt	cttgctccctg	240
accctgggct	tcactttcag	cgctcctgcac	gtgggtgttcg	gccgcttctt	ctggatcgtg	300
cgggtcgctc	tgttttccat	gtcctgcgtg	tacatcctgc	acaagtacga	gggcgagccg	360
gagaacgcgg	tgctgccgct	gtgcttcgtg	gtggccgtct	acttcatgac	cgggcccattg	420
ggcttctact	ggcgaagcag	tcccagcggc	cccagcaacc	ccagcaaccc	cagcgtggag	480
gagaagctgg	agcacctgga	gaagcaggtc	agactgctca	acatccgtct	caaccgggtg	540
ctcgagagcc	tggaccgctc	caaggacaaa	gtgaaggtca	accggccggg	cgggtccaca	600
gttaccagca	cgcttgtctt	agaaaacgaa	aacngaggaa	aaaaacccca	aaaccccaaa	660
caatcttaan	taaacacgac	tgagcaaana	aaagttggcc	ctgtgtaagg	gctattttca	720
cccaccgggn	aagtttttag	gacncatttc	cccagaagaa	ccggaaaaga	tcatttgacc	780
ctnggaacn						789

<210> 3645
 <211> 1098
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1098)
 <223> n = A,T,C or G

<400> 3645						
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cnantcanct	ttnnagtna	ccataagagc	aaggggaact	cgtaacnagc	nnacgtngcg	120
ctgcancang	nggacactgg	aaactcttac	ctttgcnggt	acttnaanat	taaangcctt	180
actgangagt	atctcacccc	tntacaactc	ttctttgaan	ganaacntaa	tcatcntana	240
acacnctncc	ttaactcnna	agtcgnatgc	anatcaacat	nntnatccna	aacaccnngg	300
gcancntttc	tngtcctttt	atcancnccc	nnaatcattt	aacntcacna	tcnacattcg	360
ncnatcatnn	cagcnagaca	nantgnanac	ctacatctnt	anntanntgc	antngnncan	420
tcnncttgnn	tcccctancn	cacctntcca	naagatatch	ttngnngcnt	tntnncnccc	480
ccactatact	nacatccncc	ntnctcagca	antttantnt	cnaccctccc	nctnanganc	540
nnncntancn	anccttntcc	caacnantnt	aacaancntn	accannccan	gntctntnnc	600
tctntccctc	acantacana	aatntctcaa	nanctcccn	acncnanctc	anctnnntng	660
tacaatccac	tcaatctcng	ngcncccac	cnantcttta	nctgggnaac	ctttntctac	720
atactancgc	aanacaatnn	tcgcgntnnt	tctcnanac	acatctctcc	ncanctnncn	780
tnatacnact	atcatcntcn	atnnncactt	anngaccaa	nntacactng	anacnactac	840
tcgccanttt	cantancntnn	tantatcgct	ngtccactng	catctctanc	atnnntnnac	900
aaaancnct	ccnncctan	aactntcact	ntcatctanc	tctananact	ntctcnactn	960
accntctta	taccacaann	ncnncanctn	ntgcntccct	catantntnt	ntatncttcc	1020
nntactactn	natntananc	tactactcca	cctcnacat	ngcttntcat	atncatatcc	1080
tcactcttct	cnmctncn					1098

<210> 3646
 <211> 783
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(783)
 <223> n = A,T,C or G

```
<400> 3646
ntaannngtg ngnggtcgnn ctanccnaac nanataggct ggggcatga tgtaaagtct      60
gaaatataca gcttttgaat cgctcctctg gaaatcgcca ctggagatat cccgtttcaa      120
ggctgtaatt ctgagaagat ccgcaagctg gtggctgtga agcggcagca ggagccactg      180
ggtgaagact gcccttcaga gctgctggag atcattgatg agtgccgggc ccatgatccc      240
tctgtgcggc cctctgtgga tgaaatctta aagaaactct ccaccttttc taagtagtgt      300
atcaaaatct aaaccaagga gtctctggac aagaagctgg gagaggcaca aactggacat      360
ctctctctct catatccttc ggcattgggt tatctatggg agcaaggagt gggcacgctt      420
ctctgttaca aatagaaaac gattccagtc atacaggaca catccactcc aaangatatt      480
tccaaaaaca tacctctgac agtnactttg atagatgggt tggcnaatgt atcttctggg      540
tatccacacc tcttgcccat gaaatttgca gctcctccct tccataaatg aaagtctctt      600
tccccacca tnttgaaatc tnggctggca ctgcgacttn gantcgnttc aatacnaatn      660
gtnggangaa ngtgactgtt tnncttttcc canctnnggt tttcaagagg ccttnttaaa      720
tgccnngttg gaaccttacc cncctctgnc cntngtnnac tgacctggc tggaaaantg      780
acc                                             783
```

<210> 3647
 <211> 823
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(823)
 <223> n = A,T,C or G

```
<400> 3647
ctaatanngg tgggacctcg nnatnncna aananaatag gctggggcga attcggcacg      60
agagtgtgat ctgcaggag agaaccaatt acagtatgct tggagagggt gacatttatt      120
ctgtgtaacc tcttctctgc ttcacataac gttggccact tcacctttcc tgagatgtct      180
ctgaggatgg gcatatttta aagacttgag cttacatcat cgcactttga aagaaccgag      240
tataattgag ttgtgatac aagtgggtac ttgcaccagg tccgggtcac ccacatctct      300
atggaaacac atgtttgctt taaagcccag caatcagaag cagatcctta taggagccag      360
cattgggtca ctttttagaaa aaggcattta tttatattct caagccagca nagacctatg      420
aaatgaaata attttcaaatt tcantagaaa aaccatgccg tacgtgaatg ctaataaaaag      480
cctgccgtgc gtcctnnctc ccctgtgctn gcactgcctc agatccgcct gcatttatnt      540
ttanctgtcc tttgctcttn tgtgccatt tgcattctgc ngctgtgacn aagtnggttt      600
ggccctttta tgcnnaaatn ggttaatcnt tcattnnatn annctatttg cccancnacc      660
taaaaantgg ggaaaaatnt caaaagcntg gggaactggc cnntcaaanc ngnnnttnc      720
tggcggttcc tngctnttng ccctcngttc ccttgcaagc cnttntccca nccancntn      780
cccccaangc cnccttngaa cncctnncnn gcctntanca anc                                             823
```

<210> 3648
 <211> 783
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(783)

<223> n = A,T,C or G

<400> 3648

nnctaacnng	tnnttaaagg	agntcgann	ngcctaacac	aaataggctn	gggggaattc	60
ggcagcagtg	agtacttatg	aaaaattgtg	agaaattcat	tgtgtgggat	tttcaccatt	120
actacatgta	tttggaata	aaaattgtat	gactatgtat	atgaaacttg	ttcatgttct	180
aaaaaatacc	ctccatttat	aatatgtttt	taaaatttgc	cactgagaag	tacaaatttc	240
cttcttattt	catcttagtt	atcaaccag	agtcactgga	ggcaatgcag	tgtagtgggt	300
aagcgtgcag	attctgaagt	tagacaagat	ttgggttggg	atcctgactc	tgccacttac	360
tagctgggta	ttcttggaaa	ggtcagtttc	cccatccgta	aaatggggat	aggaatggta	420
ccttcctcat	atgattgntc	ttttttttaa	gatttaatga	ataccttgat	gtattcgtca	480
cagtacttgg	gcatagtaag	tgttcgataa	atacgtantc	ccctgtgccc	ataactgtaa	540
tattttacta	gactaaatt	tgtctactaa	ttcttttggg	tagagaatct	cccttggtta	600
atgactatth	tacagaatgt	tttgaactcc	aaatcaagcc	taccacgatt	aatnatatta	660
agaattttat	tttaacttta	taagggcttc	taacagtang	ttaacccaat	tttaaaangt	720
gaaattcaan	gtgttcctta	ttaaaacccc	tattcctgaa	tgtanataat	ccattattnn	780
nct						783

<210> 3649

<211> 827

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(827)

<223> n = A,T,C or G

<400> 3649

ctaattnnng	gtantctgng	ttctttccgn	annanaacnn	nctnnggcga	attcggcacg	60
aggettctctg	ctctttgtat	tttggtctaaa	ggcgggtgaag	tgagaggcgg	agggggattt	120
aaaaccagca	gaaaaaggct	tcttggtggg	ctgatgggtg	ttgtgcgaga	agctgangtg	180
ggcagggagg	agagcctang	agagcggtag	ggctcatggg	caggccgttg	gtgtacgcct	240
tggccctgcc	tgtccccagt	cccaccactg	tggactccag	gccatcctca	gtccagggtg	300
tcactgtggc	ctgggccaca	tgttggtgat	gacggggatg	gccttccaca	tgctgttct	360
ctggaagagg	ggctcgcgtt	gtgcccaact	ggggacgtcc	tgcccccaac	cccccaaac	420
gctgctttct	tctgcctna	agaggccctt	cagaagagag	gaggctngnn	tgaggggcnt	480
tgagataaac	cccgaaggc	cggnttctctg	gcttcgtgtt	ttaaaactca	gtgctgcttg	540
cnaagtgtt	tgnctattgc	attnataatg	accaacancg	nttggttgac	cacnttgatg	600
gnccgagggg	gtgccangca	cttggtccca	agggccncac	ttcgtgttg	ttntttgggtc	660
cgnttaattc	ctncttgaca	aacctattta	caccggttcc	ntcnttcnnc	tntcnagcna	720
anccccaatt	ntgcaacccc	ggnggaaaac	tnaangnecn	caccggattc	acaaaaaatg	780
ccnacnaacc	ttgntatttc	caancccntn	ancctctcct	gnncccc		827

<210> 3650

<211> 776

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(776)

<223> n = A,T,C or G

<400> 3650

ntacnnatan	tntcgnngnn	actcgnnctn	tcnaacnca	ncnnggctgn	ggcgaattcg	60
gcacgaggtg	gcccaagggg	cccacaataa	ataacacagt	cactcctatt	ggtacagcaa	120
tgccaagatt	tagaagttat	ttcataggag	ctgggacaaa	ggtcaaacct	ctctttgggc	180
aagaccgtat	tctttattgc	atagctttga	aaagagattt	tgtattaccc	aaacatttat	240
tttaaaaagg	cacccccata	tatccatcac	tcgaactgta	catttctaaa	tgtacattga	300
cctttgggtat	attagtctag	caatccagat	tttgctctct	gttaagcgta	tcagggtcct	360

ggcaggaagt	agacgacaca	ctgaaggata	actgtcaaaa	gtttaatgaa	gagactat	420
acaaaggtgt	gggcaaagt	aaggggaaca	acaagtaaga	gatggtgtag	catcttagac	480
ctagcaacag	cagaaaataa	ttgccactcc	taactctgaa	gagataagga	gagggatac	540
ttagcagaac	acagcaagat	tgattagtaa	agcacagagc	tcctgacgag	gagatgtgac	600
cttcaggaga	ggaatactac	ccccaaagcta	tgccccagca	gggaaagagc	ataggttaata	660
cattctctga	ctcccacttt	ctgatttctc	ctagtagctc	cctttggcca	aattcaactg	720
attattagag	agtaggaatt	ccagttgctg	cagtccatag	aggttagtct	cccnat	776

<210> 3651
 <211> 776
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(776)
 <223> n = A,T,C or G

<400> 3651	
gtactaatat	ntnaagntnc
acgagatgtt	ttgggaaata
tattttatga	agttagttaa
ttaacatttt	tttaattgaga
ttacttattt	aaggggtaaat
gatgttgat	tataagtgtc
tccgtttcca	agcagttatt
ccaaaagtga	ggcttaagag
atgaaatggt	taattttttg
acatggcttt	tacccaggga
tctttgtatt	ttcccaatgg
tgtgaaaata	actgcatttt
tcctcttctc	tgaattacat
tcgtnccttc	cnnacncanc
ggtaagaagg	attgcaaagt
atgtgtat	aaacatttga
gtctgtagtt	cagaaataag
ttgtgcctaca	agagaaaggt
gttaatat	atcaacaggt
ttctcaaatt	ataagtagct
tttagaaaaac	gactacaaat
tccagaattt	tatgatcaaa
ggctctataa	cattgttagt
aaaaataaaa	gagggttgaa
tcataaaaaat	tacttaatgt
ttcctgtttt	gaaann
	60
	120
	180
	240
	300
	360
	420
	480
	540
	600
	660
	720
	776

<210> 3652
 <211> 846
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(846)
 <223> n = A,T,C or G

<400> 3652	
naactaatna	ccangaccnc
ggggcttatt	tcacccctac
tttagaggcc	caccctcagg
agaattcggc	gatatttctc
cctgggtcac	cggcggtcag
atcctgttct	tttttcaagg
tttctgcact	taacacaatt
cgagatgaca	ggattaanag
gaagtgataa	gtgtccatga
gcntaagaaa	ttataaaaagt
aaaaanacta	ntcacactcc
accctnnnac	tcnctcctct
cnctncnct	ctcctncnct
anntcnnct	cnntntctnt
tctcct	
aaanaaaagg	ctngggggat
atagaagaca	gctacaccca
ctttctcagg	gatgttcctt
tgaaagaag	agaaatatgg
tatctctctt	attccctgaa
tcattattgtt	taaacacaca
cctgaggcga	catacgtcct
tcacaagggt	attgattggg
agagattgca	ntaaagacag
aaaatgtccn	tgaaatctta
nctcnnntnc	cntcncncn
nnntcntccc	tncttctct
nncctttcat	ntcntcanen
cnatnnctcn	ntntnccctc
	60
	120
	180
	240
	300
	360
	420
	480
	540
	600
	660
	720
	780
	840
	846

<210> 3653

<211> 782
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(782)
 <223> n = A,T,C or G

```
<400> 3653
acctattant ntgatgtcga nntnncctaa ananataggc tggggcgaat tcggcacgag      60
gcgggaccct gcctctacta aaaaattaaa aatagctatg catggtagca catgcctata      120
gtcctagcta ctgaggaggc tgaggtggga ggatcacttg agctcaagaa ttcaaggctg      180
cagttagcta tgatggcact actgcacttt agcctgggtg acagagttag accctatctc      240
acaataaagt aaaataagaa ttaacacact cataataact atttagttaa taggaaactc      300
tgtttaagcg atattgctta tatttctctc tcatgctttt gtaggtctgg actcatcctc      360
tcaattatcc acagagtata ttgttagtgt tttgtttaag ctacctttta cactcaatta      420
aaactattta ctggaagtag gctaaggtna tggggtgaga atagagatgg tattatatca      480
tgaaatctac ggaagagttt gtagtcntag ttccctgcc cccacagagc ttattactct      540
tgaagaagct ttgacnaatt ctacatgact tattccccct actttaacaa gacctgctat      600
actaaaacta taccncagtt tttccaagag aatantgctt ctaaattata ttanctctgg      660
ntcccatata mnctnmanca ttntccctt tctcttattc naaagttagn ttntnattan      720
gactctntng ancatatnnn nttannntnc gnnncnccgn atantcnggt tccctntggg      780
ct                                                                                   782
```

<210> 3654
 <211> 781
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(781)
 <223> n = A,T,C or G

```
<400> 3654
gtacctatcg tntcgtgcat gtcgnantng cctaactana attggttngg gcggaagagc      60
tgaagagtag gaggtggcag gactaactaa aagtgggaca gtcacttggt atagtgaagg      120
tagaatggac agaattgggc aactaattaa gagggagAAC cctctaggag aacaggagaa      180
cgcattcaaaa cctggaaaac caggaagaga agatccttgg tgagaagcag tcaatgagtt      240
tgctttggga tatgttgagt tcccaaactc atcatgaggt gaggttcca ggtagcaaat      300
gaatcacttg agaccaggag ttgaggagca gcctggacaa catagcaaga ccccatctct      360
acaaaaaaaaa aagattttta attagccagg tgtggtggtg tgtgcctgta gcccaagcta      420
cttaggagcg tgaggcagga agatcacttg aaccagaaa tttgaggctg caggtgagct      480
atgatcacac catagcactc cagcctggat aacagggtaa aaccctgtct cttaaaacan      540
acaaacaaac aaaaaaccac caaatcctt atgtatctgg tactatagtt gtctttctca      600
ttttacattt gacactgaga gacagagagg ttgangagtt tgggcangac acacagctna      660
tacatggtag agtcaagcct tgagttcang tctnctggcc ccttatttcc accccgaact      720
ttcaccatta tcatattgtc nggnangctt ggagactctt gaatcccttt aactcaccct      780
t                                                                                   781
```

<210> 3655
 <211> 1017
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1017)
 <223> n = A,T,C or G

```

<400> 3655
gaactaatnc ctcncnnngt ctaantngcc naacnngntn gngttngggg nattgngtaa      60
tanantggca gntaccaaag atggntgtct nnagttntcta aatgacatgt tgatcggngt      120
catgatattc gcaaatanct ttgtctttct tnacctnaga acaaagttna agcattgatn      180
ggagcanaca caacagttac gaantntnct gcntggcaac tgactnaaag cnaatntact      240
antcctctta aacttccaaa anagtatnca ntactacngg atggntctct atncacangc      300
ncttngtctg tnaantcnaa natntcacnt atctaanaan ananntcnaa atgatnaatc      360
tcaacnaccn ccaanannaa gttnnecgnac cgtgnnagtn gtncancnta anttgancgn      420
cacttgccct tntntcccc aggcanacga atattntctc ctttttaagc ccntccangg      480
cncaacggct cctncnntcc ncanatcgca aagnttaann annntctct nccctcttca      540
attantcact accttcaaac tcnctcancn cattnccgnc cctcctctc ngcntcacct      600
cgtcacccnn tcttcctnca agtnccct nntaanccnn acnntttccc nnaaccct      660
ccnecgnttc tnnactcact gnnctccatt ntctcccct nccccncaa annnatnctc      720
cctcnntant tcccanctct nactccagcc gctancacac ntctcgctca catctaatec      780
nagncattc actnctctcc ganatnancn atcgcgnta tangngaacc taannnctat      840
ctcacnctnn antctcncta atnccancnn taanctnttt gctncagcac anacacntct      900
ctctacactc ncnatacnac ttntanccat ttncntanta ctccatctac anactctctc      960
atnncaccac ncatctctna tacaacnct ctntctctct ctngctanca cancact      1017

```

```

<210> 3656
<211> 908
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(908)
<223> n = A,T,C or G

```

```

<400> 3656
ntaangnntg tactcgngnt anctngccta aatananann gttnggggng ctgggtgtng      60
gtggattaca cgcgtgagcc attgcaccca gccttaaggg accaggactt tatctttnta      120
ccctgctgta ccactcttag ctttttatct ttttattctc atgcttttgt tnttcatga      180
tgtaggatg gctgccataa ctccagggna tacaccaatc ctctaaacaa gaaacaaggg      240
gntgagacaa aacactctga gaaggttntc ngggaacaaa agacctcaa gctgactctg      300
cttnataact cattggctna aactgagcta tatgccata cttanagcaa tcaactgaaa      360
aggggaatag caccaaaaac cctctggctt atcntagatc aacctcgatt nattnntctg      420
ggtttngggt tggggccttc ttnacctgng aagcaaagaa cctcttgcca gcttgccac      480
ggctactcan gttnntnta cccaacaann ggctatnggg ttagtgacta acttnccaca      540
gcnngcana tacatttcgt atagtaacnt ntttccaaga ncttntaan ttcaccntn      600
gaactatccn gcancanatn annnctntn ctanttnnat cannttggtt tcaaaactcan      660
anggnntttc annccaannt nntntntct nacatncccc nccccncaa ntccccncc      720
gtctcactc ntctccacc cctnnacccc tntcaanac ctctacntnt tcangctncn      780
cttncnnnt nntccctcat nantcactc ntactntnc tctccnccc nncantaccn      840
tctctnnn gtcctcctct cttnntccct ctctctcanc atatcttct tncncatctg      900
tnnccncc                                     908

```

```

<210> 3657
<211> 848
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(848)
<223> n = A,T,C or G

```

```

<400> 3657
aatcncngta cngnecgnan tngcctaaan anaaggttgg ggggccctct gcttctggc      60
tgaccttggg gtggccctct gatggcacta tgtgtcctct tctctgagct ttctgaggat      120
gacaagccgt cttttcaatg ggactccctt ccagacctgt tggctccacc atactggaat      180

```

catcataaag	cctgtattgt	aaaacatcat	tggtgnctaa	agtttgcaca	atgctatggc	240
ccccacatta	agggagtctg	ggtgagatca	ctncattgcc	cctacttctc	tgaccanaaa	300
acacaagagt	tcatgggaga	caataataac	aacaacaaaa	acaatacaag	aacacantng	360
tacctcntta	ttggcacant	aactttttcaa	angctggcat	gaatnaaaag	nncccaagtc	420
ncaagacnag	gtgnnctgga	nccactgctc	agnactttcc	gacagccnac	gaaagcacat	480
cnaatgaaca	angccttgca	ttantgggac	gnttnnnngat	atacanccca	nggaatcatg	540
cncttgtag	tccangggga	cnagccctnt	nccatgcnc	cnctantgct	caaaccnntc	600
atnggcanc	tgctncattt	cgtacnnnnng	tnggccctt	naatgaaata	tcgaancaat	660
ttnttaaacc	cncccnggcc	ttattgnnac	tttctnaaan	ncccatcncc	cttgncttca	720
tannncntnn	ctcgcccttg	nntgcaattc	tccccngcn	ggacntctaa	tgcnnntcaa	780
actcnancgc	nnnnngtcnc	aacacttttt	ancntanna	caggggntta	gncccaanat	840
ttccnacc						848

<210> 3658

<211> 775

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(775)

<223> n = A,T,C or G

<400> 3658

caatgcnca	accaattant	aagntactcg	nnctttccgn	acncancnag	tgcgngggcg	60
aattcggcac	gaggctgagt	atTTTTttca	agtgtatcat	ttgcctgtta	acttaaaatt	120
ctatTTTTccc	cctaattcta	tgTcccagtt	ttggTtagtg	tgctctggga	TTTTtgaccc	180
attccatagt	aatagttatt	actactacca	ctacagtaaa	ttcttacaag	aactttccat	240
gtTTTTttggg	aggaggagga	ggagtagtta	cattcaggat	catatacata	attgttttagc	300
ttcagttctg	tatttatata	tgTcacttgt	aactgactgg	gatacgttct	gagaaataca	360
ttctcaggta	atTTTTgtca	ttgtgccaat	atcatagagt	gtacttataa	aaacccaggc	420
tatatattat	aacctattct	gggcttcaaa	cctgtacagc	atgttacttt	actgaatact	480
gtTggcagtt	gtaacacaat	gataagtatt	tgTgtatcta	aacataccaa	aatatagaaa	540
aggtagagta	aaaataagtt	taaaaaaaag	gtacaccaa	ataatcttat	gggaccactg	600
tgtagTgggt	ttgatgtcat	tatgcagtgc	atgactgtac	tataaatgct	tatggccagc	660
cctTTTTttt	tttgaggcag	agtctttagt	tctgcgccat	gctgggagtn	cnnnnnnnnn	720
nnnnnnnnnn	nnnnnnnnnn	ncnntnnnnn	nnnnnnnnnn	ncncnnnnnn	nnncc	775

<210> 3659

<211> 778

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(778)

<223> n = A,T,C or G

<400> 3659

aantnctnna	acttatnntn	tntngacctc	ganctnnce	aannagnnng	gntngggcga	60
attcggcacg	agataaaggc	ctagTTTTtg	tatcccaata	gattttttacc	aagcttcccc	120
tgaagaaagt	ttagaatgag	catgatggga	aaagggagaa	attgtatgct	gcagatagag	180
ggaggaaagg	ccaactaggt	ccaacaagta	aaaagaggac	tagtctcaaa	ctattaaata	240
tatgatttac	ctagcaaaag	ctttaagtca	cagctgaatt	acactgggga	aacaattaca	300
gacttttaca	tggaaagaag	catcttcaat	gtTggctgca	atcactgaca	gcaggaatac	360
tcactTTTga	aaaaaaaaat	tggctattgt	tttctgtttt	ccacatctta	gtttaatatt	420
atgtTcctca	aacactatga	agttgagaac	tgaattgatt	acctgggaaa	ttctggtgaa	480
actgagggtg	ttgtttcatt	aattatccat	gtcattttatc	ttcttaactt	aatcaaccta	540
aatttagcct	gaatattatt	tgTtagggac	tgaagacttc	tagagagcag	agagcacctt	600
tttttaatta	aacaaattcc	tttgataata	ttttaatgtg	actcaagaat	ccagcactat	660
ctatatatgg	accctctgc	atccatgaaa	agaagtctc	atccaattct	gtgaatatga	720

gactaaaata caattccaat tatgaggnat tttnttttaa gtcctaatagc aggaagaa 778

<210> 3660
<211> 792
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(792)
<223> n = A,T,C or G

<400> 3660
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cgagcactac atgaagtccg gggtttggtt aaaatatctg tcttatttat gaaaggctga 120
aaagagaaaa gagctattca ctacccgaga ctataagttt tagctgataa aaacacagcc 180
tcatcaatag ctattgaatg aagccacttg ctgagtcagt aactgaatgt ctatgtatga 240
tatttccagt atcatgatta aaatggagcc ccgaaatgtc attataaggc ctagtgtgtg 300
actgggggcc cagatggcca agtgggagca actctgaaac cattaaatag gaggagagag 360
agaaattaaa aaccttttct attcaaaaga aacctataac ccaaattcta aaatttatag 420
agacatataa tattaatata acaaaatcag ccacaaaaac attcatttct ctggatgaaa 480
ttaattttat ggagcagttc aacaaagact ttatttttaa aaataaatta tgtattttatt 540
tttgactagt aatagatgca tgtagtacia aattcaaagg tacaaaaagg gtaaacagtg 600
aaaagtaagt ctatctccac ctctttcacc tagccacca gtttccctnc ccaaaggcaa 660
ccactgttac ccatttcttg ctatcccttc ctaaggataa attggttgca ttattccaaa 720
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attcaaatgg nn 792

<210> 3661
<211> 779
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(779)
<223> n = A,T,C or G

<400> 3661
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gtaatatgcc ttcccctgcg gccttccgtg gtcacagcaa cagggactgc tcacccctc 180
cagctggggc ttttctaaca agcacagtca gaaatgcgca ggcctggggt tggggatgaa 240
cagaagttga ttagtgggca cagaaatata gttagataga aggaatagtt ccagcattcg 300
atattacagt agggagactg catttaacaa taattgattg tatatttgaa aacagctaga 360
agaataagaa tattccaac acaaagaaaa gataagcgag gtgaaggaaa tcccagttac 420
cctcattcag tccattacac attcgatata ggtatcaaaa tatcataggc acctcaaaga 480
catgtacaac tcttaattta acatttttga aagaaaaaaa aaccggccag agcattaaaa 540
caaataaaat aagaaacaca gaggccagtg ttaggtgaag aactccgctg cttcagaaag 600
agaatagcag cgctcgctta ccgtgggaac acggccagtt aacaaaatgg gttttggttt 660
tttgntttgt tttgttttac cattggtaat aagatagtta acataagtgg tcagaacttc 720
gcttgaaattt gtataaagca tttgttaagc gtgtaaaagt ccaaattaaa agtcttgaa 779

<210> 3662
<211> 805
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(805)

<223> n = A,T,C or G

<400> 3662

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ggaaagtct	gagcagggtt	ctgggtatag	ccccttgtga	gaaattcaag	gccaatcaa	180
tgccatagat	gagttatata	ttccaaattt	acactactta	tgtagggtga	gtaacctcca	240
aatcaataaa	ttaatatata	attggcccag	gactgggtgaa	acctagagtc	ctgtcagaag	300
caaatacaaa	gcagcccttt	aacaacagtt	ttaaatttag	ggccttcaag	acccccagct	360
gaaaagaaag	tctctactga	aagtgagctc	acaatttaac	aggagagana	nagaaagata	420
cactgtgaag	gatantcaaa	agacattgca	nanaggagga	ctgggtactgt	ccccacccc	480
cactaagagc	ttaagatana	acagcctgna	tgagactatg	aaatatnttt	aanntgatga	540
aagaaaaatg	tcacctntcc	ttctttccca	gtcaagacan	gnngnatccc	ntttgnntaa	600
ncctanaaan	tacctgtgtg	agatactnnn	nttgatcgtg	agacgccnat	agtcaaacct	660
cttggangna	aaactanaca	ttcttcnatt	ctttnaantt	ccccccccc	tcnggcccct	720
gtcttcccan	attcacctaa	cttccccttg	gttgcccccc	acttaattcn	acngcccctt	780
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<210> 3663

<211> 773

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(773)

<223> n = A,T,C or G

<400> 3663

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cacagaactc	aagtctcct	aatgggatcc	cagaatgccc	atggaggaag	cagcatgtgc	180
actgtgctga	gtgctgagca	ggatttcaag	agagcaaaag	cagagatgct	ggacagggca	240
gcacaggagg	acgagtgtgc	atggctactc	tgagcagggc	tggttcctgg	gctgggttga	300
gcacagcatg	gggaactgaa	aggcagacac	tggccaagaa	agtccttggt	cagggcttca	360
gaagtgagcc	tcacaagcca	tcctaggcca	cactgccatc	aagccccaga	cctctacatg	420
cccatttgg	ttctttccag	ctcatatagc	ttcctaagta	ttgtggctaa	cagttccctg	480
acttgaattc	ctagtttctg	ttaacagttt	tctaactttc	aggaaaaaca	agccaatttc	540
taaggaaagt	ggctgtgctt	cagtcaggag	tagtccgagg	tagacatcca	ggacagtatg	600
acgcaaaggg	tttggagcgc	aacaacccct	tgcgttatat	agccatttaa	tgtaacctgt	660
ttgtgtgagt	tcatacctgg	ctttgagcca	ctattgtctg	tgagtaatat	aactgcactg	720
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<210> 3664

<211> 777

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(777)

<223> n = A,T,C or G

<400> 3664

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nttcatctac	accagttntc	ttcacctgct	cctaacangt	acaccagcta	ncagtcncac	180
cnacngtaac	agtggccttn	tnacnggtaa	ngatgctgtg	tgaaagggct	cagcaagatg	240
acgaaagacc	tgctngataa	gctcnagnaa	ttngcnga	acctgccncc	tnataccntn	300
natganccta	nngannaacn	ngnggnnct	nctaacgtgg	ntgagatgac	tgggcgctgg	360
gacggtgttg	nnanctgcga	tgatggacgc	atgtancctn	atncangntn	tgnactnnan	420

gngcctgtgg	aanntcncga	ngttacncgt	gctcagggat	attatngatg	gcgnttacnn	480
tantgctggn	atccatcatg	ctggngaanc	nggtatnaca	ttacatctgn	tnngagagct	540
tgccatnatà	ggcgangntt	tcatatgact	ttgggaantg	nccttgatcc	gctacntaga	600
ncngctntaa	cagttgggga	ccctnnntga	natcanncna	ggttcctgtg	gnggagattn	660
cctacntgaa	natgggcncf	gncggagcta	acggaanac	ngngtancnt	tgctgctang	720
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<210> 3665
 <211> 815
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(815)
 <223> n = A,T,C or G

<400> 3665						
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ggttctaaaga	tttaatacag	tgcttttttt	cctcttttgaa	atattttact	ttaataaccag	240
tgctttttct	tggtgaactt	cttggaaaag	ccaccaattc	tagatcttga	tttgaattaa	300
tacacacaat	atctgagaca	cttacctttt	tcaaaagatt	tgtgtatgca	ttgcctaatt	360
agagttaggg	gagaagggca	actattatta	tcctattttt	acaaaactga	ggcttantga	420
ggttcagcca	catgcctaga	cttatatact	agtttagtgt	gcagccaggg	agaggactca	480
gatttcctgg	aggcaaagtc	tatctctgaa	actccatgaa	gactttttgca	gccagttccc	540
accaatatgc	ccccagacgt	gagacaaaca	aggacttttt	ttttatatag	agccatccat	600
naaaatccta	agcccctttt	attaatgtat	aaccaggaag	aaacattttg	tgccaaccgg	660
tttggaactt	tntatggcnt	gagaattcgg	gnaaggaagt	gttgaccccc	aagccangga	720
gaaggaaaaga	antgganttt	ncntttgtcc	tttaagggtt	ttntaangnn	cattgggtttt	780
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<210> 3666
 <211> 774
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(774)
 <223> n = A,T,C or G

<400> 3666						
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tatacccaca	gaaataaagg	atggacaaca	atctggaaca	gtgtcttctc	agaaacaact	240
ggcctggaag	gctacaagtg	tcaagaaaaga	ttctgtttcg	aatatagcca	cagagataaa	300
ggatggacaa	atacgtggga	cagtgtcttc	tcagagacaa	ccagccttga	aggctacagg	360
tgatgagaaa	gattctgttt	cgaatatagc	cagagaaata	aaggatggag	aaaaatctgg	420
gacagtgtct	cctcagaac	aatcggccca	gaaggttata	tttaaaaaga	aagtttctct	480
tttgaatatt	gccacaagaa	taacgggcgg	ttggaaatct	ggaacagagt	atcctgagaa	540
tctgccacc	tgaaggcta	caattgaaaa	taaaaattct	gttctgaata	cagccaccaa	600
aatgaaagat	gtacaaacat	tcacaccagc	agaacaagac	ttagaaatgg	catcagangg	660
agagcaaaag	angcttgaag	aatatgaaaa	taccagccac	aggtgaaaaa	ccaaattcat	720
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<210> 3667
 <211> 733
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(733)

<223> n = A,T,C or G

<400> 3667

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ntnctcnatc	cttcantcat	gacacntcac	atgtcaagng	nagaaggtac	ancgtgnaaa	180
tgctataacc	ggcnnaatnt	aggagttctt	ctctggctcg	gttgctaaag	cagtgatctg	240
ngtnancccc	agggccatca	ctgtgcatgt	ncccatgccc	tnaacngnat	tcgagcacat	300
actgattnac	tanaaggagg	ngnangncca	gcagnaacan	cnnacgatga	cattggccnn	360
ganctaccnc	ntgnncgatg	ggaaaatggt	gaanntncnn	cgcacccnga	atgcgcnagt	420
tnntgttaac	cantaccaan	tgctcagcag	cactctcttc	tctngctcgt	ggagcttcag	480
cccatnangt	gaatanaaca	tengctnaga	ntncactngn	cttttggtatt	gnattgtnc	540
atccttggtg	atcacaatnn	ctcagactgg	aataggtctg	ccccaaaaac	tgtctgtggc	600
accctgaaaa	agctggggct	aaacagncaa	ggccgntcat	ccccttgntc	gaccncgnat	660
tgtctgctgc	tgggttcgga	cgaggactac	tnngntgaan	tnctccttgt	tggcatgatg	720
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<210> 3668

<211> 774

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(774)

<223> n = A,T,C or G

<400> 3668

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gggcccacac	tcaatgcaca	tatcantgcg	canagcncta	aaatttcagg	caacactttg	180
nttgagagan	gcacaaat	tggncaggcc	ctgggacatc	taaagtcacc	aatgtaacta	240
caccatacag	attaaaccct	cacatgatca	tgtaagctat	gcagttaccc	aagctgcac	300
atttanaaaa	cctgtcagnt	nttatggaaa	ccatccctag	tcaaggacac	tttaaatatn	360
tagtctaaat	accgttaang	taggccact	agctgtgttc	acattatccc	ttggccacct	420
taccagggac	tnnaataact	tgggaaagt	aaaacaacaa	gctnaccac	atgttcacca	480
tnnaaancan	ttangtcttg	aaaaacatgg	actctttttn	ccgtgtggga	ccagttccta	540
cttatgtgtt	accagccaat	tggactggaa	cctatacagn	tgggnnatnt	agccccgaa	600
attaatatag	ctcccaacaa	ccaatccttc	attatacttt	naactgnnaa	ccaccanaca	660
caaatgancc	atccaactga	taccactttc	ngtngaagct	anggaatacn	cctngaagtc	720
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<210> 3669

<211> 779

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(779)

<223> n = A,T,C or G

<400> 3669

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tgttaccatt	atgggaaact	ggaggaaggg	catatgggac	ttctttgtac	tgctttttct	180

attccctgtg	agtttataat	tattttataa	taaaagttca	aaaacactta	ttggatggac	240
atcacagaac	ataatagaag	aaagaatcag	tgaattatag	gtctgtttta	tagaaatgac	300
tcaaactgac	acacaaagca	aaaagaatga	agaaaacaga	acacagtgtc	tgagactttg	360
tggaataata	ttatataaaa	ttatctaaca	gtcacatgat	ttgacctca	gaaggagatg	420
aaagaatgag	atagaaggaa	tatttgaagg	aataattggt	gaaaatgttt	ccaaattgat	480
gataatgtca	gtcacattc	ccaagaatca	cattgaaccc	tgaccaagat	aaaccaaaga	540
ggactacatc	taggtcatc	atagtcaaac	tgcttaaaat	caaaactaaa	gagaaaaatc	600
ctaaaagcaa	ttagagaaat	cctatatagt	ccatgttggg	aaacagttac	atcaatgtgt	660
gctgacttct	catttgaaac	catagatgcc	attagacagt	ggaaçaatat	ttttaaagtg	720
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<210> 3670

<211> 814

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(814)

<223> n = A,T,C or G

<400> 3670

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cgactgcccg	ctttcacgct	gtcccacctg	gagagccacc	gtgacggcca	gcgcagcagc	180
atcatggacg	tgcggtcccg	gggtggattct	aagaccctga	cccgtaacac	gaggatcatt	240
gcagaggccc	tgactcgagt	catctacaac	ctgacagaga	aggggacacc	cccagacatg	300
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gagcaccacc	tgagccgcta	cctgaaggac	gtgaagcagc	accacgtcaa	ggctgacaag	480
cgggaccacg	agtttgtctt	ctatgaccag	ctgaagcaag	tgatgaatgc	gtacagagtc	540
aagcggccg	tctttgacct	gtccttggt	gttggcattg	ctgcctacct	cggcatggcc	600
tacgtggctt	gtccagcact	ttcaacctcc	tctacaagac	cgtccagagg	ctgctcgtga	660
aaggccaaag	acacaagtga	ccacaagcca	accccccaaca	agccccgnag	ccccccggcc	720
ggtttcaaca	agtcccttg	ggggcccgan	gcaccgaatt	gaaattggga	caacttggcc	780
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<210> 3671

<211> 775

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(775)

<223> n = A,T,C or G

<400> 3671

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ccattttttc	tagtggggaa	caaggcagat	ctctctccag	agagagaggt	acaggcagtt	180
gaaggaaaga	agctggcaga	gtcctggggt	gcgacattta	tgagatcatc	tgctcgagag	240
aatcagctga	ctcaaggcat	cttcaccaaa	gtcatccagg	agattgcccg	tgtggagaat	300
tcctatgggc	aagagcgctg	ctgccatctc	atgtgagccc	ttgggtgtgg	ggtaactgcc	360
ttgcttctgc	ccccggcact	tgccatgttc	cagtgggggg	cagatcctca	ggacttcacg	420
ggtatggttg	ccagctgtgt	tcctggcccc	tggacacaca	gtgtggcatc	ctcatgtttg	480
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gtgttggctg	ggtaaagggg	agccggggac	ttctgaaata	anctggcttc	ctgggggtgac	720
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<210> 3672
 <211> 769
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(769)
 <223> n = A,T,C or G

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tggatgatat atggtgaagt ttttggtgaa actaaattat gaagtctgat atatttggat    180
aaaaataaag aattgctttt cttctccttt tgctgatttt ttgacacatc attctaagca    240
aaatcatctc agcttcgtat atttcagcct gaagtacttc ttaccaaagt tgtttcatgt    300
aacatttggt caatatgttc gtgacatgtc tctcagtaat gaaaagttat gcattttatt    360
gaatgaataa aaacctaacc tctgctatct ccatttctgg aagttgtaag agctcacatt    420
aaagacagta aaagtcaatt taagccaaga tcatcttcag cccaccaatg tcatggctat    480
tggaaggaa aacctaattg gatcattgaa ctatcataac aagtggaaac tagaactttt    540
ttatagcatt ttcagatat aggtcctggt atagtaagat atttcattct atttatcaaa    600
atggtgtaaa taaaagaaac acaattatct tggtaatgct tatcttcagt ttaaaccattt    660
attcttttca gaaatatgta aatacccttt gnaaatatat nccaaatgaa aaataaggga    720
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<210> 3673
 <211> 785
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(785)
 <223> n = A,T,C or G

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gcagtgaagt atgattgcac cactgcaatc cagcctggac aacacagtga gaccctgcct    180
cacaaaaatt atattctgat tttctgagtc catgaacaca ttgtccaaat ggatttttct    240
agtcctcca agttacagat agttccacgc acacacagaa ctcaccactc tcaaataattt    300
tcccactag tattactatt aaatttttca aacatgcaaa agatgaaaga attgctcagt    360
gaacaccatg taccaccac ctagattcta caattaacat tttaccctac tttctttatc    420
acatatatgt acctatccat ctatccattc ttccatgaat ccatcaattc atctaatttt    480
ttatatattt caagttaagt tgcagatatg tagcttatgt ttcaccttaa atgtttctgc    540
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cttngtctg aaactggaan taaaaaaaat caaacactaa aaaaaaaaaa aaaaaaaact    720
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cattg    785
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<210> 3674
 <211> 763
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(763)
 <223> n = A,T,C or G

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<400> 3674
ttcaaatcnc agctcttggt ctttttgcag gatccctcga ttcgaattcg gcacgaggtc      60
attcccatat aatgcaacat ccggaatgag gaggagggtga ataatttggt caaatctacc      120
ttagatactt ttggttaagat caatttcttg gtgaacaatg gaggaggcca gtttctttcc      180
cctgctgaac acatcagttc taagggatgg cacgctgtgc ttgagaccaa cctgacgggt      240
accttctaca tgtgcaaagc agnttacagc tcctggatga aagagcatgg aggatctatc      300
gtaatatcat tgtccctact aaagctggat ttccattagc tgtgcattct ggagctgcaa      360
gagcaggtgt ttacaacctc accaaatctt tagctttgga atgggcctgc agtggaaatac      420
ggatcaattg tgntgcccct ggagtnattt attcccagac tgctgtggat naactatggt      480
tcctggggac aaacttcttn naagggncct ttcacaaaat cnccgattaa cgaattggtg      540
ttcctgagga ggtntcctct gaggtctgnt tcctactgtc tactgcncct tcttnattct      600
ggacagtcat ngcntgtnga tgggggccng anctctatac ccactcgtat gaggttccaa      660
atcttgacnc tgcnccaang ttccagggga ccntnttgnc ggtgaaaana natgnaagng      720
gacttttnaa ggngaanaag taancttcna acctctggna ant                          763

```

```

<210> 3675
<211> 772
<212> DNA
<213> Homo sapiens

```

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<220>
<221> misc_feature
<222> (1)...(772)
<223> n = A,T,C or G

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<400> 3675
annccagttc tngttctttt tgcaggatcc ctcgattcga attcggcacg agacaggttc      60
ccatagctac agagggtgctt ttcaaactta cncaggggaag tgtgaccttt gaagatgtgg      120
ccgtgtactt ctctctggag gaatgggatc tccttgatga ggctcagaaa cacctgtact      180
tcgatgtgat gctggagaac tttgcactta cgctctccct gggttgttgg tgtggagtgg      240
aacatgagga aacaccttct gaacagagaa tttctggaga aagagtgcc aagttcagga      300
cttccaaaga aggttcatct tcccagaatg ccgactcctg tgaaatatgt tgcctggtct      360
tgagagatat tttgcacttg gctgaacacc aaggaacaaa ctgcgggcag atgtcaaaat      420
acctgtacaa ttttaaaatg tcacaattaa acatgagctg gtttcccaca caaaanaaag      480
actgaagatn tgcattttta ggatgacaac ataatggana aaattngaaa tagcatannn      540
aaaanctngg ccnttaaca natgnggntt gnnttgcccg aaatcccgnn nnggttanac      600
cccttgata ntttgggcaa cncctnatt gtntgccntn nanaaaaaag ccntttnttt      660
tggaanaatt tgggaancnt ttgggtttta ttttggaacc ccttttaanc nccannaaaa      720
nanntttaan ccccnattg gnttnntttt ngntttnagg gttanggggg ng                          772

```

```

<210> 3676
<211> 775
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(775)
<223> n = A,T,C or G

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<400> 3676
ggnnttgcn aatncnattt gaccnttgc ngcaggctcc ctcgattcgc tcaagcaaag      60
ttctgtaga caaagtaaca ccaagtactc ttccagaaga tttctagann ttgaaaaatt      120
ccttcagcan acaggntggc gacaaggngc cngggatgan nangagcacc actaactccc      180
tnagggtgcta nacacacata atgggaagcc aacatttatg gaagaagttc tagaacacct      240
tcctggaaaa acacangatg aagtcaacag catgaaaant ggtatcaaaa gttctggctc      300
tagaagaaag aaanncagag tcaattnana tntggnaaac tnnaaagcag cncaannggg      360
aggaaatttc caagtcaaag gaannggctg acaacacacc tgtgcttatn tcatancnna      420
caggaggatt ancaanngca ancagaggaa cantgatgag actcaganat nggcatgttg      480
aagctaggaa gaaacagaan agnntagaan tgtcaatgaa atgngcttcc ccattnaaan      540

```

acgaaganga	gaaagngana	naacatgaca	aagancgcc	gngccagttt	angttnaaan	600
tactactnga	aagttntacc	cagcnacatg	aaagaacagg	aagaattttt	gaggcttgaa	660
aaggagataa	agggaaaagg	cagaaaaggc	ataaaaaagg	aaaaagctgc	tgatgaaact	720
tccagatttc	aggaaagagt	tgaaaacaat	gttagtcgag	atccctctag	gcttn	775

<210> 3677

<211> 759

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(759)

<223> n = A,T,C or G

<400> 3677

cagctnctng	ttctnnttga	gaccnctcna	tacgactncn	gcncgagggg	attngaattgc	60
ccatgaaaga	catttttattt	tacttgaata	tattcttgct	tcactttacc	ctccataata	120
tggtgtcatt	agtgctgac	aagtttacag	agttacattt	tgctttccta	accattcagt	180
caggaattaa	aatatggcat	tgtataacaa	ctgggaagaa	gctcatagt	gatataaatt	240
agagtagata	atgggtcacc	ttgatagcct	ctgtttacat	tacttgata	tgggcaaat	300
aattattacc	tatacgtgta	tttaagctta	attttcatat	aaacagtatt	tttaattctat	360
gttaaaatag	ataatatcta	aaagtgtgat	ctctaggtag	tccttagttt	attagtactg	420
tcttcaaaaa	gattttttaa	taggtccggc	acggtggctc	atgcctgtaa	tcccagcact	480
ttgggaggct	gaggcgggcg	aatcacctga	ggtcaggagt	tcgagatcag	cctggccaac	540
atggtgaaac	cctgtctcaa	ctaaaaatat	aaaaattagc	cgggcggtgt	ggcangcgcc	600
tgtaatccca	gctactcggg	angctgancg	aggagaatca	cttgacccaa	ngggcagaag	660
ctgcagttag	nccaagatcg	catcatttgc	actccagcct	angggacaaa	gacgcgagac	720
ttcatctcaa	aaaaaaaaan	nttnnccnnn	ntnnnnnaaa			759

<210> 3678

<211> 762

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(762)

<223> n = A,T,C or G

<400> 3678

aaaaaancag	ctacttgctt	tttttgcagg	atcccacga	ttcgaattcg	gcacgagctg	60
gaaggggag	agcccaggac	agggctccat	gtccacagga	cggcgaggag	cgaagaccat	120
ggggactgag	tacacagatg	aagacacaga	agcatagaga	ggataagtaa	tcactagcaa	180
gtggaagaac	cgggattcag	atccagaaca	ggctgactcc	agagtcactg	gctgtcatgt	240
agtttctcta	actactgcct	cagctctaca	atcccagagt	aaagctcttc	tccaaatgaa	300
gagccaggaa	gaggtagagg	tggcaggaat	taaactttgt	aaagccatgt	ccctgggttc	360
agtactttc	acagatgtgg	ccatagactt	ttcccaagat	gaatgggagt	ggctgaatct	420
tgctcagaga	agtttgtaca	agaaggtgat	gttagaaaac	tacaggaacc	tagtttcagt	480
gggtctttgc	atttctaaac	cagatgtgat	ctccttactg	gagcaagaga	aagacccttg	540
ggtgataaaa	ggaggatga	acagaggcct	gtgccagat	atcctgaaaa	tgcccatcag	600
taagttgaac	aagaagaacg	ggagctttaa	gaacaagatt	caagatgaaa	caacacaagt	660
gttgaatatt	ttataaatag	ctaaaggcag	aaaacgttgc	caattatctc	agacttnnag	720
aagtgaaaac	aaacaaacaa	acaactnaag	tcttaattga	at		762

<210> 3679

<211> 788

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(788)
 <223> n = A,T,C or G

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<400> 3679
aaannccngg ctactngttc tttntgcagg atccctccaa atgcttgggg cacgagggtt    60
cagagaaaag taggcagaga aaggcagttt aggaggtgac acaagagga agcctaagga    120
gagagaactg gatggagctt cccaggtgat gacaggggtg aactccagg ctatacccag    180
ctgagcaagg agagctttgc ctcttcagga gactggaagt tggggaagac tccaacaggc    240
ttgtggtcag aagctcagga gactgggaag gaaaagttaa tttctgagga gtcctagtct    300
atttcattaa tttgttcaat tctttaacgt atgtttatta tggacctact atgttgccag    360
acgctgtgct agctgttagg gacacaatga tgaacaaaat aggcatagtt ttttacccca    420
tgagagttag aggggtggtg ggagagtcac taatcaaagt gcacaaacac atgtaaaatt    480
accataaagc ggggtgataca gaaaggcgac tgggtgttagg atagctaaaa aagagggatt    540
tcacctggtc aggtgggtca gggaaagctt cttagagaaa gagggacttt gggcttgatg    600
aatgaaaggt gaatttcag gcaaagaaga aaagggagga ngcttctagg cagaaggaac    660
ttcctgtgcc atgatctctg agaaatgaaa gattaacaaa ggccaattgt aagtngaacc    720
agaattgaac ccaggaangc cccaaanttg agaanaaaaa ggcccagggc aagggccatt    780
ncntggnt                                     788
```

<210> 3680
 <211> 763
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(763)
 <223> n = A,T,C or G

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<400> 3680
ttcnaatgct agttctcgnc tttctgcagg atccctcgat tcgcacctaa cattaggtgg    60
cacttaatat tgatgataat cacttatgga gtctactaag atgttttgaa tcccttctcc    120
cattcaaaaa tcttgncaac cctgtgagac agatatgctc acctactga tgagtacggg    180
ggcttggcaa agtaggtatg ttgnacatnt tacacagctn gtnactgnaa gantcnnntnt    240
catatactcc cagattcaga actttaaata accccatgct accttctagg gaaagcttct    300
gctatgtgtt tggagggtna ggtgaganaa agngaatnn taatctncca acatgctcac    360
tcctttttcc tgctctgtgg gggatgtaag tgaataaccc cagtgtgtgt gtgcactcgt    420
taatcttgta gcantgacan gtggaatgtg ggtctgcagg tggccttggg atggtgggga    480
taactatgtg ccttcacctg tccctacaca ggcataccta ccagcttgcg tttgctttcg    540
acatgtntgg gcaagngtga attgcctctg ctncctctgga gagatgggccc ctgtggctgc    600
tntgggaaga acatcaaatt ttgcgtncat ttacatatgg catnctgtgn ntntggaatc    660
tatgcatntn gtgttcctct gcttcaaagt tngtaacnma tgtggtnaga gccaaaaccc    720
ctacttgtgt accaaaaggaa gngncttang gaanaatggc ttt                                     763
```

<210> 3681
 <211> 770
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(770)
 <223> n = A,T,C or G

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<400> 3681
ttctaattgct tggctctcgn tctntctgca ggatcccatc gattcgaatt cggcacgaga    60
gagaactagt ctgagtttt tgacagataa tagccaccct aggaggtgtg aagtgggtatc    120
tcatttggtt tttccatttt tctgatgact gagaatgttg agcatctttc cctgcgtgtt    180
gtccatttgt gtatcttctt tagagaaata tctgcttacg tcctttgccc agttttaatt    240
ggattgtctt tctgttgctg agttgtcgga attggttgta catcctccat actgagtcct    300
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catcagatac	ctgatttgcg	aatattttct	tccataccat	gagttatctt	ttcactttct	360
taatggatc	ctttaagcc	caaagtttt	taattttgat	aaagtccaat	ttatctaaaa	420
aaaaaaaaant	aaaacnnana	naaatnnaaa	anaaaaaaan	ctngnncctt	taaancntna	480
gnngngtcgtt	tncgtaaadc	cnmncntgat	aanatccatg	gntnanttng	nacaaaccac	540
aattnganng	cagggaaaaa	anngctttnt	tnngngaaatt	ngmnanctnt	tnncttaatt	600
tganccattt	ataagctgcn	antaancang	ttaccancnc	caattgcttt	catttaangt	660
tnaaggttca	aggggnaggt	tnnggangtt	ttnaantncg	gggccgaggg	cncnaaatgc	720
attggggccc	gncccaantt	tngncccntt	nannnggggn	taaattgccg		770

<210> 3682

<211> 775

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(775)

<223> n = A,T,C or G

<400> 3682

ccnngntttc	naaatnccag	ctctngttct	ttttgcagga	tcccatcgat	tcgaattcgg	60
cacgagaggt	gttgaaatta	cagaaggac	catttctggc	aacacagcag	accagatatac	120
ctataaaaagt	cttccattac	agaacaccta	cacatcagga	gctcaaaaac	agatatattc	180
tttaaatgtc	tagccaacat	tttggaaaag	tgtgggaaat	ccctcagggc	caaaaccaga	240
gggagttgga	caccagagt	ataagcagac	actgaaggca	aggccaacct	cagggcttgg	300
ctcaatattc	tagaacttta	cccttgttct	caagtctccg	tgtggacagg	ggatgaggg	360
tacctggttt	ctgctccttt	gactatggca	tagactctgt	agatgtctgt	aattgaccgg	420
gaggtatgta	gatgactgta	tcaagttatc	ctcctgaccg	ggcgagtggt	ttcatgcctg	480
taatcccagc	actttgggag	gtcaagacaa	ggaaggaggt	gagctgacag	atgtgctgga	540
agagcacaa	gaaccacca	gtcaggcatg	atctcggaga	ggcgcttgt	ttgggggtta	600
ctcagtga	cctgggaagg	anagaaggga	ccttttctgc	angacggtg	cctggagaag	660
aagctctttt	tccactgaaa	caggaggaat	ggcggggaag	gatgaatgga	tatgtgtatt	720
aattatctat	tgctgcatga	caaatacgga	tcaactcaagt	ccaggagttt	gagat	775

<210> 3683

<211> 774

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(774)

<223> n = A,T,C or G

<400> 3683

ttccaaatac	catttnangc	cttnttgag	gtcccatcg	attcgaattc	ggcacgaggc	60
catgttgccc	aggttggct	tgaactntg	acctcantg	atctgcctgc	ttcggcctcc	120
cagagtgtcg	ggattacagg	tgtaaactac	tgctcctgnc	ctgnaatcca	ttttatnatg	180
ggaagcacan	ttacntagct	aatacttggg	ggcangagct	naagtnanna	ttgcatcnnc	240
antaatnntt	agaatgaata	tanattgaag	tcttggggta	tcccggcatg	attatgtcag	300
atgaaattat	gtgatatgca	naaggaaggc	ctcctgcact	tcatgnctnc	agctnantnc	360
tacananggn	caagggncna	tgannaatnn	ggangagggn	tncttgantn	gaatanatna	420
tnntcactc	agnttaaagc	ctgtaatccc	ancactttgg	gaaggccgag	gcaggaggat	480
cacctgaggt	caggagtgtg	agaccagctt	ggccaacatg	gcgaaaccat	ctctactaaa	540
agtncaaaaa	ttatctgggt	gtggtggtg	gcacctgtaa	tcacagctac	tcaagtactg	600
angcagaaga	atcanttgaa	cccaggangc	anangttgca	ntgaaccgga	gatcacacca	660
ctgnaactcca	ncctgggtga	ccaagaatga	aactcccgtc	tcaaaaaaaa	nannnnnaaa	720
aaacttcgaa	ccttttagaa	ctntnnttga	gtcntntttc	cntnnaaccn	nanc	774

<210> 3684

<211> 755

<212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(755)
 <223> n = A,T,C or G

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<400> 3684
atccnagnta ctcgctcttt ttgcaggatc ccatcgattc gaattcggca cgagggaagc      60
tccaggcctg gcgtgctgga gtcacgagat gagctgtcca ggctncatgg catcgtgagt      120
gaactccgac cgtggcaggt gaggcttctg cacttagctg gctgtcttca tgtgggccga      180
ttctgtgggt agtgattctg atttctcatc tgaaaagtgg tgcatacact agccccctcc      240
acacttgagg ggttctacta gtgtgcctgc gtggctgggt tctgcacact cagctacttt      300
agtttcttta gtctatcctt aaaaagattc ctagggtgtg tctgtatttt gaggttccgt      360
ttggtcatta tgctctttca gagttcatct tttaaaatca gtctgtggac attttttttt      420
tcctcttagc acagtttatg gtctcatgca ggtcaacaaa ttgggactct gaatgtgagt      480
gtgtgtgtcc acacaccact agggcttatt acctatttgt caatgttatc ttaagaaaaa      540
gtggaggctg ggtgcagtgg ctcatgctg taatcccagc actctcagag gctgagatgg      600
aaggatgctt gagcccagna gtttgagacc agcctgagca acaaagcaag actcctgcct      660
ntacaaaaaa aaaaaaaaaa aactcgagcc tttanactat agtgagtcgg atttacgtag      720
aatccagaca tgatagatcc attgatgagt ttggg                                755
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<210> 3685
 <211> 889
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(889)
 <223> n = A,T,C or G

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<400> 3685
gctgggctac ttgttctttt tgcaggatcc catcgattcg aattcggcac gaggtttaat      60
ctctttaact atcaaattgc aatttttttt ttgccttgca aataaaciaa ttacaattgt      120
catttactgg tgagacaatg agaaaaagac accctcaaac actgttggtg gaacacaaat      180
tgtaaaatc tttctaggag tcattttcaa attatgtatc aatgacctaa aaatatattat      240
gtctctgtgt cttatacttc cagaaatcta ttctacagta ataaccggag ataaaaacct      300
ttacatataa acatgattta ttatactgaa aagtcaaaac aacataaata ttaaaaatag      360
gagggtggnan atttcacett taaatgctat gtaggagaat acttaaggga ttggtnaagn      420
ccaatagttt tngtattang tggaaaatgc cngaattggc tgaatgntgt acaaanagan      480
cnmtcatnnn ttgccactct tngtcataac cnntcgctc ttcnatgcat nccccattat      540
tacaaaactgt tcncnnanac tcnncttca ccangnctcc ngcnntnncn annnecgancn      600
tctnctccn cancnnnccc ccgctcnctc nttctcnca acctngctcn ccccnacnc      660
ccnactcccc ccncttact ttnccccacc natecnegnc acnctntnc ttcnnncatn      720
ntccccnnc ctactcnccn nntagcnctc cncttccca cacttnnctc nnntctgnnc      780
cntccttctn tctcncttac tacataaccn ncnctctct catctctctc ttctctctca      840
cnnaccccat ccnncnnnnn ctcttctctc cttannctct cactancct                                889
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<210> 3686
 <211> 763
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(763)
 <223> n = A,T,C or G

<400> 3686

gaccaattat	atgacantta	ccagcgaaen	anaaggctgg	gcgaaaaat	caaaccatcc	60
tttgcggca	ttaaatttc	aagttgaaga	tccttcacct	tcctttaatc	ctatataga	120
gtctataggt	gtgtctttct	tatagcaatc	ctgcactcac	ataaaaaactg	tattttcaat	180
ataagatcaa	aatgtatttc	acaaaaaatg	catctttata	tttggttaca	tttctcctga	240
ctgaatgggtg	ccatgtacag	tctgtgtaag	ttatagaaaa	cgtttgccaa	ctcgtagtct	300
accattttgt	tatttgtttt	ctatttgttt	cgtctgttct	ttactgcttt	gttttcctt	360
tcctgccttc	ttctggatta	attgagtatt	ttggtaatcc	tttttaatct	cctcttttgg	420
attttttagc	tatacttacc	tgtttttggt	tttggttttt	aaggcgttgg	taggaaataa	480
tgtatgcac	cttaccttat	taaagtctat	tttgaataac	tgttacactg	cttcatgtaa	540
cttacaatat	gaacctcaca	acagtatagt	tcattttccc	atcccagtat	attttacttc	600
tttgttataa	accccatctc	tactaaaaat	acaaaaatta	actgggtgcc	agtgggtgcg	660
atgcctgtag	tccactacn	ttgggangct	gangcaggag	aattgcttga	accctgngag	720
gcnnangttg	cagtgaagtcn	agacgcncca	ctgcactcca	ccc		763

<210> 3687

<211> 829

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(829)

<223> n = A,T,C or G

<400> 3687

gcntattant	gtgncttatt	antgtggcct	aaananatag	gctggggcga	attcggnacg	60
agcttaacat	aacctatgag	agtggacagg	tgtatgtaaa	tgacttacct	gtaaatagtg	120
gtgtaaccgg	aataagctgt	cagactttga	tagtgaagaa	tgaaaatctt	gaaaatttgg	180
aggaaaaaga	atatttttga	attgtcagtg	taaggatttt	agttcatgag	tggcctatga	240
catctgggtc	cagtttgcaa	ctaattgtca	ttcaagaaga	ggtagtagag	attgatggaa	300
aacaagttca	gcaaaaaggat	gtcactgaaa	ttgatattnt	agttaagaac	cggggagtag	360
tcagacattc	aaactatacc	ctccctttgg	aagaaagcat	gctctactct	atttctcgag	420
acagtgcacat	tttatttacc	cttcctaacc	tctccaaaaa	ananaagtgt	agttcactgc	480
aaaccactan	ccannatctt	atcacgaatg	tggaaaccac	tgtnगतgaa	gatgttntac	540
ctggcaagtt	accngaaacc	tcctctcaga	gcanaaccgc	catcttcata	taangcnang	600
tgntaattgg	atgggaanaa	gctncaanaa	gacctctngt	tnngnnctgg	agcaaccnnt	660
ttacccccgc	atttcctttc	tanttnttag	aacntccatc	ggttggnntn	ggcaattnc	720
ncggaanncn	gcntnttgcg	gncanctnan	cccntnttta	aaangttgtn	nttctncccc	780
canttttntct	tgnaaatccc	tacanggcta	attccttcaa	ngcttcnct		829

<210> 3688

<211> 767

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(767)

<223> n = A,T,C or G

<400> 3688

tnctaagtct	gggcttgntg	gcttgccgca	gganccctcg	attcgaattc	ggcacgagat	60
agagaggaac	aaagataaga	atgacagcag	atgtgtggtc	agaaattatt	caaggcagaa	120
gacagtagaa	ctgaaaaaga	aagtaggtca	atctagaatt	ctatacccaa	cacaaatc	180
cttcaaaaat	gaaggtgaaa	taaactctt	ttgatggaca	aactgaagtt	gagagaattc	240
gtaaccagca	gacctgtagt	acaaaaaatg	ttgaggcaag	tttttttaggc	agaagaaaaa	300
tgatactaga	tagaaatttg	ggctgcacaa	aggagtgaag	aggcttccaa	atggtaaatt	360
atatggaaac	atatgaaagt	tatcttttct	catttttaat	ctctttgaga	aactgcttaa	420
agcaaaaata	taaacaaggt	actttggagt	ttagaacata	catagaagca	aaatgtatga	480
caaaaaatac	taaagtttagc	caggagtagt	ggtgtgtgcc	tgtagtccca	gctgtttgtg	540
aggctgagat	gggaggatca	tttgagcgag	cctgagaggt	cgaagctgca	gtgagctgtg	600

atggtgtcac	tcaactccagc	ctgggcgaca	gagtggagacc	ttgtcttgaa	aaaaaaaaaa	660
aaaaaaactc	ggcctctana	ctatagttag	tcgtattacg	tagatccaga	catgataaga	720
tcattgatga	gtttggacaa	accactgga	atgcagtga	aaaatgc		767

<210> 3689
 <211> 986
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(986)
 <223> n = A,T,C or G

<400> 3689						
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atcntgagan	taatnatgag	atctacnctg	aaatgactta	acctanaatt	aatgtgtggg	120
cagnntgnaa	tatgtgaaat	tnnggcntta	ncnctctttt	ggcnntataa	aaatctnnna	180
ttaaaaaaca	tgncattnga	attgaacatg	tgcntaaccn	ctgaantatn	tctganaaac	240
cctaggtnc	gtggcatatg	ngatgaatnc	canngacnna	tnnaaccnca	tnntacatan	300
nntcacngcn	tatnnaacat	caannatgct	tgngnaaagg	gntannantn	cncaacgact	360
nttgtttng	agcanctntc	ttngntagac	cttntnaccn	ncnanggnntn	ctcttaacnn	420
gntgatnnt	nactcatcnt	tcnctttctt	tcctattctn	nnntccaaa	gtttccncnc	480
nnaagnnann	atgaatnant	ngtgnncnnc	caccctnatn	attntanata	nncgcnattg	540
aaatntaata	canmtccnc	tnnccctnan	nnaatnccat	nncatctnan	taaaantata	600
ncantnncnt	tnctnaccnc	nnaaagattc	aaanttcgct	ncccttnttn	ncnatatact	660
ctnnatannn	atannccgaa	attntcancn	ttctantnnt	nacntancaa	aactcnctat	720
agnaccctca	catnccctng	acacnatnat	nnccaanaac	ctntaatcgg	annnnacntn	780
tctgaatnnc	tcncactcct	nttataccnt	ntnntcattn	taactctatc	atctngnant	840
angnccatct	ccctcanatc	taaacanntt	ntngcnctcn	nttagnggag	antgtctctn	900
tacgnctnan	aanggtctct	cngatcntcn	naatactcnt	atagagacta	tacnctcatn	960
attgctcaca	ntatctacaa	cacnng				986

<210> 3690
 <211> 847
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(847)
 <223> n = A,T,C or G

<400> 3690						
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naggnacagc	ccatagtctn	ctcgattngt	acaatcaagg	cggacatttn	ctggntatgt	180
ggannagagg	ttaattggcn	gnctatgant	ggnnnagcct	aaanttgngn	ntacntgnat	240
nnntnatnt	gcnnanaaan	gcattngant	tanagntncc	aaaagntntg	aaccnaagga	300
ctanagnaac	anacnnntna	tngcctggtn	ntcagtnata	ncnacaccnc	acaggggacn	360
ngatnttnc	cngnantnt	nacaggtctc	nnnanctggg	actcaagncn	ncccatcatg	420
caatnncttc	anannaactt	gtgacttgca	ntnnnatact	anacttnan	tccttntta	480
cattcctcaa	atgcnaaact	ccncttttct	taattccnat	tatnnactnn	ntnnncnngc	540
ttattggnc	actnntanca	tncnggnann	nccaactaan	cnnattntnn	gannttgata	600
ttggngcctt	aacnaacana	ncgtnnntat	cgctnngtca	ccantctcac	tcattnatca	660
annacnnnng	cnnnantnat	tctcnatcna	nncnantttt	gctanantnn	nctttcccn	720
cnttnanttn	ctannaaacc	ccctntcnnn	ggcnccaatn	gnnaantngn	accnncnncn	780
tctnnanggg	ntnactnggc	cncatacttc	ctgngcaanc	tntnaannng	canactnctn	840
ntcnct						847

<210> 3691

<211> 775
 <212> DNA
 <213> Homo. sapiens

<220>
 <221> misc_feature
 <222> (1)...(775)
 <223> n = A,T,C or G

<400> 3691
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 tgattcagga cctcctcctt acctacgagc accctgggag ggactgacta atggcccagg 120
 gacacacagt catcctctgc aggcaacagt caggcttcta cttgctgaag ccgtaagg 180
 cttgactgtc acactcagt ttctggaaaa caaatcagta aagcaattta gaggatcttt 240
 tgcaaatacag agaaaaagaa tcaatacaag gcgaaagaat tctgatcagc actttaaaac 300
 gtgcttatca gaaacttttc ttctctcttt taagctttgg ttctaactga gaaatgcact 360
 ggataatagg taaccctccc cagaagaaca tggacttcat catttcacca gattcacttg 420
 ttccctttaa ggcccagcca ataaaagtat atgggtatctt caagctctga ttccctaata 480
 tcagagataa aaagccatgg gaacgcagag acttggtgaa tttgtaaaaa tccaaaaaga 540
 aaggccagtc atgacggctc acgcctgtaa tcccggcact ttgggagggc aaggcagaag 600
 gatcacttga gccaggaat tttgagacca gcttgagcaa catggtgaaa ccccatcttt 660
 taccaaaaag ataaattatc tggacatggt ggtgcnagcc tgtantncca gcaacttggg 720
 aaggtgangt aggaggatca cttgagcctg ggangtgga ggtcccgggtg agccc 775

<210> 3692
 <211> 785
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(785)
 <223> n = A,T,C or G

<400> 3692
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 attcgaattc ggcacgaggg ccaaactagg gcctgctctg acatccgcaa tgtacgtcca 120
 ctagcagtg gcaagacctc ccgcgagaca ggtgtgtgtt ttaatgcca tctcacagat 180
 gaggaaga tctcaaagta ccttgattat ttacccaaag ttcccgaccc aggcctttta 240
 aactttttat gcatgcaccg cctcttgacc acatcagaca atcaccacaa aacgatgggc 300
 tgacagttac tagagggtta gtaacttacc tttaaaaggg ccaggtagta aatatttttag 360
 gctttgtggc caaaagtctc taccacacct actcaactct gtcacgctag cacaaaacag 420
 ccacacacaa aaaccaaatt gggcagctga aaaaaaaaaa ataataatta cttaatgaan 480
 aaanaaanna nactanttga nnttctctnn tttttnatnc natnatcccc tcntgtatn 540
 natccttna tgtagctgt gacaagnncn ntnccttnaa ncatcnnnat aaaaannncn 600
 nctnntttnt tnaaaaacct tnnatcctct tncantntt tggngganat ntttnancng 660
 tntaaaanna nttttttcaa aaannmat tnaanaanta taagtccng tttttttngn 720
 tttcggnnn ngggttttta annngggn cnngtcccaa nctttgggn nccnaaccnn 780
 tttnn 785

<210> 3693
 <211> 753
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(753)
 <223> n = A,T,C or G

<400> 3693

aaatncnagc	tactcgttct	tttgggaaggc	cnncatcgat	tcgaattcgg	cacgagattt	60
tcatccgagg	cattgtctaa	tgatgtccca	ctgcgaagga	taaagatgta	gttttctttg	120
actctgccac	ctcccactac	tcagctcact	catacttcct	gccatctttc	atcttcccaa	180
taagtatac	attatggnta	cattagatc	agggtttaca	ttattatgac	catgtaaatg	240
ctatttctaa	ctgagccatg	tagtatactc	tgatnacttt	nnctttcttg	cncaactttg	300
ncntnctat	ggatngctac	ttatccatat	tgcttatntg	ctaagctttc	tgtatactta	360
tcattgncta	tgntntgat	ctccaaattn	tcctncaggt	gcctgaattt	cctctnggna	420
tgtccagacc	tatctaaatn	ttatantaat	ttaaccttct	tggtgacatc	catnctgnag	480
nccttgttca	cgacaatgct	gtcatgctga	gattaactgt	catcattatg	ggtatcnact	540
ttgcctacat	ctgngtctnn	ttnggatctc	tnnntgtca	gaccccttnc	tttactcnc	600
ttggnctgca	ctnaaatnng	gtggagcaca	tgcaatanta	ngntcctgag	gtatggtgaa	660
tgggaggcac	atnattgagg	tctngcanac	tgaaaatggt	ttacaggagn	ggcaaaccat	720
gacccataga	tgaaatgtac	ctggnacctg	ggt			753

<210> 3694

<211> 799

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(799)

<223> n = A,T,C or G

<400> 3694

caaatcncta	ggctactcgt	tctttttgca	ggatcccatc	gattcgaatt	cggcacgagg	60
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ctgcagtgcg	tttgtggtga	ctggcgtctt	gctgattatg	ttcagtctca	acctgcacat	180
gaggatcccc	cagatcaact	ggaatctgac	agattttggtc	aacactggac	tcagcgcttt	240
ccttttcttt	attgcttcaa	togtactggc	tgctttaaac	catagagccc	ggagcagaaa	300
ttgctgccc	tgatatttgg	cttcttggcg	actgcgccat	atgcagtga	cacattcctg	360
gcagtgcaga	aatggagagt	caanccgtcc	gccancanaa	gcaccaatga	ctacattcga	420
gcccgcacgg	agtcacngga	tgtggacaag	tccgcctgag	atncancgcc	tggacacgct	480
ttttctggta	angaccgtg	ggattgaaca	gaacttccgg	taaataangg	ccccgtcggc	540
aagacagcat	actgctgtca	caaagtgcna	acacctggaa	aagaaagaca	agtgtcactg	600
gcctaaccat	ggtccccact	tctgtcattc	acacaagttt	taagtgggtc	ttgccaccan	660
aaatcctctt	ttgctanggt	actccggaat	tgcttccctg	nggctttnat	cttaaatact	720
taaccatggg	annaagactt	tcaagaagan	tcaatcttta	attccttccc	tcaattggct	780
aaaatttttc	ttaaaaaaa					799

<210> 3695

<211> 876

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(876)

<223> n = A,T,C or G

<400> 3695

gnnnnnnnnn	tttnnaactt	nctaatacng	gctactngtt	ctttttgcag	gatccctcga	60
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tatagagagc	tacaacaatg	cccaaaagaa	aggctgcagg	tcaagggtgat	atgaggcagg	180
agccaaagag	aagatctgcc	aggttgtctg	ctatgcttgt	gccagttaca	ccagaagtga	240
agcctaaaag	aacatcaagt	tcaaggaaaa	tgaagacaaa	aagtgatatg	atggaagaaa	300
acatagatac	aagtgcccaa	gcagttgctg	aaaccaagca	agaagcagtt	ggtgaagaag	360
actacaatga	aaatgctaaa	aatggagaag	ccaaaattac	agaggcacca	gcttctgaaa	420
aagaaattgt	ggaagtaaaa	gaagaaaaata	ttgaagatgc	cacagaaaaag	ggaggagaaa	480
agaaagaagc	agtggcagca	gaagtaaaaa	atgaagaaga	agatcagaaa	gaagatgaag	540
aagatcaaaa	cgaagagaaa	ggggaagctg	gaaaagaaga	caaagatgaa	aaaggggaag	600

aagatggaaa	agaggataaa	aatggaaatg	agaaaggaga	agatgcaaaa	gagaaagaag	660
atggaaaaaa	aggtgaagac	ggaaaaggaa	atggagaaga	tgggaaaaan	nnaaaaaanan	720
nnnnnnnnnn	nnnnnnnnnaa	aaaaaaagcc	tnttagaact	tttaggggag	tccgtatttc	780
cgtagaatcc	ngnacntgga	taaggatccc	ttggatgnag	ttttggacaa	aaccccaact	840
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<210> 3696

<211> 876

<212> DNA

<213> Homo sapiens.

<220>

<221> misc_feature

<222> (1)...(876)

<223> n = A,T,C or G

<400> 3696

gnnnnnnnnn	tttnnaactt	nctaatacng	gctactngtt	ctttttgcag	gatccctcga	60
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tatagagagc	tacaacaatg	cccaaaagaa	aggctgcagg	tcaagggtgat	atgaggcagg	180
agccaaagag	aagatctgcc	aggttgtctg	ctatgcttgt	gccagttaca	ccagaagtga	240
agcctaaaaa	aacatcaagt	tcaaggaaaa	tgaagacaaa	aagtgatatg	atggaagaaa	300
acatagatac	aagtgcccaa	gcagttgctg	aaaccaagca	agaagcagtt	gttgaagaag	360
actacaatga	aaatgctaaa	aatggagaag	ccaaaattac	agaggcacca	gcttctgaaa	420
aagaaattgt	ggaagtaaaa	gaagaaaata	ttgaagatgc	cacagaaaag	ggaggagaaa	480
agaaagaagc	agtggcagca	gaagtaaaaa	atgaagaaga	agatcagaaa	gaagatgaag	540
aagatcaaaa	cgaagagaaa	ggggaagctg	gaaaagaaga	caaagatgaa	aaaggggaag	600
aagatggaaa	agaggataaa	aatggaaatg	agaaaggaga	agatgcaaaa	gagaaagaag	660
atggaaaaaa	aggtgaagac	ggaaaaggaa	atggagaaga	tgggaaaaan	nnaaaaaanan	720
nnnnnnnnnn	nnnnnnnnnaa	aaaaaaagcc	tnttagaact	tttaggggag	tccgtatttc	780
cgtagaatcc	ngnacntgga	taaggatccc	ttggatgnag	ttttggacaa	aaccccaact	840
tggaaatgcc	nttgaaaaaa	aatgcttttn	ttttnt			876

<210> 3697

<211> 1151

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1151)

<223> n = A,T,C or G

<400> 3697

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gaatgccttg	ggactagctg	gtgattacct	cgcccagggc	ctgaactcac	cctggccagg	120
tccanacctt	tctgctgtgg	ggagcaaggg	ccctggctgt	ctactggctg	ctggctctgc	180
tnctcggtt	ggtcttgccc	ttgctgggcn	gatcctgtgg	ggctgaanct	tgtcatttta	240
cttggccgnt	ttcttggccc	tgatgaagtn	ngtgccccga	aaccttttta	ncgccggccc	300
tggttaattc	tggncctttg	gttgaatcct	cttaananca	ctgcttatan	cccngnttta	360
aannggnttt	nccaaaacct	ctttnggggg	tnnaaaaatt	ttataggcca	aaatgnntnn	420
caaanggctt	tttnaaacnc	ccnctttggt	aanggaaacn	tttagncntt	nngnccccnt	480
aaangnccaa	antcggnccc	anaaaagggg	ggccccncca	aaaanttggn	aatgnaaagn	540
aaanttaaaa	cccgatntn	gcncccaaaa	aaaaaccggn	ccaatnngtt	tcattaaccc	600
nnaaaaaaaa	acntttaaaa	cctgngnttt	tntnngnggc	cccaattttc	taaaaaccct	660
tnctctttgc	ccaaaaacnc	cccccttggg	gncccttntt	tttnaathtt	ggnccccctt	720
ggggncttnt	tttngaaaa	aacctttttt	aaagnaaaaa	caaatttttg	gaatnncctn	780
ttttgccccn	gnnanaaant	cccccccaan	antttttagg	nccccccaag	naagggnaaa	840
aaacccnctc	cgggaaaaaa	gggnaacccc	caanttttnc	ccccccccctn	tgggcctttg	900
ggttancccn	tttttgccgg	ggggnncccc	ttggggnnnn	ttttttntnt	aaangggggt	960
ttcctttctt	gggnccctcn	gggggggggt	tttnggggct	ntttntntnt	tttaaaaacc	1020

ccccctttttn	atnntntggg	ngttttcnnc	aaaaaccttt	ggggcccttt	aaaccaagg	1080
gggaaaaagg	ttttttgaaa	aaggggggcc	cttatcnctt	tttngggctt	tntttgggna	1140
aaanatgggc	g					1151

<210> 3698
 <211> 764
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(764)
 <223> n = A,T,C or G

<400> 3698						
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gtactgtttg	cctgtgctga	ggccctgcat	gcgcatggct	atagcagtga	ggcctcccgt	120
ctcactgttg	agcttgccca	ggatctgcta	gccaaaccac	ccgacctcaa	ggtagagccc	180
gcccctgcca	agggcaagaa	gaacaaggta	tccacgagcc	cgtcagacct	gggtggctac	240
caacaccctg	agcaaggcgg	ccttcctgtt	gacagtgcta	antgagcggt	cagagcacca	300
caacctggcc	ttccgagttg	gcatgtttgc	cttggagctn	canangcctt	cancttntac	360
aaggnccttg	aagtgaaact	tgcatccan	gaatctgaag	tggctgncct	gctcaaagaa	420
gatccctctg	ggtccaaatg	agatgagtac	catgccgtgc	cgggcanang	aacttcggga	480
ggggacactt	ctgtgactat	cggctgtgtt	gnctctcatg	ctggccagtt	catctttgac	540
gtctctgtgc	tccaagtatg	atgcctgacc	ctacagtaag	tggggaactg	gggtangggg	600
agctttctnt	taanaaagan	cnaagacccc	aagtttctga	atcaccttta	ggaccatcag	660
caacttcattg	ggttnccggc	cccaagtcgc	aactggaaca	ncgagacacc	ttggggataa	720
gaancttggg	tttnaacaca	nnttgcttgc	cttgggcatg	aaaa		764

<210> 3699
 <211> 867
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(867)
 <223> n = A,T,C or G

<400> 3699						
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atgcattttc	gaaacaaaaa	attaacgtaa	acagaaaaaa	gagaaagcaa	tcatgacaaa	180
gcctaagagg	gctagtggaa	tgctagaatg	aactcattta	ccttcctttg	atatttangg	240
gctctattgc	ctgctaattt	catcactgnt	atttttctta	cctcttatct	ttttccctgt	300
agttattatc	agcctaatat	tcattcattc	attcatttac	cttgagtttt	taagcttggt	360
cnnaaaccaa	caaggttggg	gcccnagttt	ncnagaatgn	ngttnccna	cnttggnaag	420
taaacntggg	ttangggaaa	aaangtnncc	ancttgggcc	tttttaaaga	caccaangtt	480
ttaccncat	tccatggggg	tcaatgggga	aggaaaaacn	aaaggggant	ttattttgna	540
aaaaactgtt	gccaaagattc	ccgaaagggg	agccccctng	aaagctttta	aacctnccaa	600
nnaanccttn	cnagaccctt	ttggcctttt	aaatnccctt	tttaaaaagg	ccccccantn	660
agggaaaaaa	ttcccagant	gaatgggggt	accnggtctt	gacctttang	gaacatgtan	720
gcttgncttg	cccnatgttc	ccncaacatt	nggtcccctt	ttacaatgnc	cttantacat	780
taatngnggg	gcccctcatt	ttnaaatttt	aaaaaatttc	attttancct	tttaaaaaat	840
tcnttttngc	ccaagaaaat	gttttct				867

<210> 3700
 <211> 935
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(935)
 <223> n = A,T,C or G

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tccagatagt ggttcttttc agaacctttt taaaagggtt gggttaacta cctcagtagc      180
agaggattga actataccct gtctgtactg tacatagaaa atctttgtag ataaaaagcaa      240
ggcttgtaa atagatgatg agggtaagat tttaatatat caaatgtaac attcttagtt      300
gcctttagtt tcanaggctt gtaagacttc ctcatgaccn tnattacagg ccttgctttt      360
ggccgnattt tggggctgaa aaagcaccct tgcttcttca ganattgnag ntatttggat      420
gtataatagt ttanccagat ggtacttttg gtaagacatc agatgttcaa aaaagtgcac      480
tccaacttgt ctaaatactg cagtgtcccc ttataaaaaa ggtcagacct aaaactggcc      540
aattgntac anccggaanc cctggncatt ttgggatatt ttgggaaagg ttttttcca      600
ttaaaattca tttgggaaaa tttaggtaat tattngggct tggtaaagggt tttaaaccct      660
tttttttaag gggtnaaaaa angggtattn gggtttccaa ttttaagtng gccattttcc      720
ttttcccttg gcttgggnat tccacctggg tnaaaaaacca ttggttggga aaatccnaag      780
ccttttncc caaattttcc ctttaatggc ccanggggtc caattggaat naaacctttg      840
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taaaaatttt tccttnaaaa gccnnccctt ttggtt      935
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<210> 3701
 <211> 977
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(977)
 <223> n = A,T,C or G

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agtattctca tccgtcaact gggatttgta atagtacagg gctgtagga tgattgcatg      120
agatgaaata catttagcac ttggtaagca ctctataaat atggcaatat gatagtccct      180
gactcatctt cctctctgnt gccctttaa caggtgagca cctagccttg ttgggtttat      240
gtgctcaaca gcagtggac ttcccctggg ctectctacc catgctactg cgtagtcaan      300
ccctccataa anctnctctc tggncctctg ttcccanatg gnctttggcc tttccttttt      360
ccttcccanc ttaacgtttt taacctatgcc ccngggaatn ttttttga aaangggaaact      420
gganccttng gtnccccngg ctttaaaaaa ccnnccaata aatttnttac ccncattagn      480
agggnttaaa aaaaancctaa cttttttggg gnggnantac ctgggacttt ttctttccga      540
acttttttct ggccttcaa actttttcaa cctcttttcc ccggtncatt ggggatccct      600
attaccggg aggaacatta cccaaaaatt ncctttaaaa tttcttncc aaaacattgg      660
aanccttttt tcccgggctt tctttttcaa taatggtanc aatgggtccc aaaaggccaa      720
atttnattct tggncctttg gaaacctttt tggggaaacc aagaacttca actttccatn      780
gggccccagt ttttttncca attcaaggga aggttttttg ggcttggtaa aagggntacc      840
ccaacaantt ggccaaggga aaaaaaaaag aagccacct tgggggcctt naaacctggg      900
gtngggggaa naaacccctg gggggtncct cttnggggtt tncctggggg nccttnccca      960
accttaagnc cccacna      977
```

<210> 3702
 <211> 932
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(932)
 <223> n = A,T,C or G

```

<400> 3702
naatcccagc tacttgttct ttttgcagga tccctcgttc ggaccctcat gccccgcttc      60
tgctccagcc tttcttactc attaggtctt agtctcactt cttatttttt aaattgtgag      120
taattttcat gcttggtagt tgatttcttt tccatctctg natgcatact tcctgcacct      180
agtaggcact tgattttttt ttctttgaat acacagcaga tgccatgtna actcattagt      240
acttgcctca aaacactgaa ttcttacctg ngttaaatgc ntgaatcntt taaacttttt      300
aagttttacct agaaagtgtg taaagnggga actaatcnnt tntgantggn nataccnccc      360
nngntttgaa aactaccttt gancnttttt ttctttttta atnaagctct taaaaccggt      420
taancagccc cccngggata nnaaagaanc ttttaagctg gggggaacnc cttcattttc      480
ccnggaaaaa aaacngnncc aagggcttgg ggaaaaaaat gccnctaagg gattgttttc      540
cagcctntcc agaaattttt gggccnaacc tggangaagc ttcaaaattc caaggaaatt      600
ntggtaaaang gggnttttta tgaggccaaa ttaaangggg ncctttagna anccccnttt      660
aggaccaatt ttaaanggtt ttgnaaaagg cccagccttn ggtnaacctg ggnccctttt      720
ggcttngct ttttngggg ccattcnttn ataactgggc naaaatttaa ggnaaattta      780
cctccaggtt tnaaaaaaat nggncncctt tnttggnaaa aaagtttccc ttgggngggg      840
tttaaaggga aaaanaanaa aangnnaaaa aaaaacttcg agnccttttt naaacctttt      900
ngtggagggtc cggatttacc gttagantcc cc                                     932

```

```

<210> 3703
<211> 789
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(789)
<223> n = A,T,C or G

```

```

<400> 3703
cnaatngcta ggctactngt tctttttgca ggatcccatc gattcgaatt cggcacgagc      60
actcttttat attagggact tgagcatctg gagagtgtgg tatctgaggg agttcctgga      120
actaatgtgc agatgccaag ggacaactgt actattgtac ttggaagtac tcatggggtc      180
atattgcatt gtttctttga gtcctaattc tgccaacatg gcctgggtgct tgcattaatc      240
agcttttctaa tctctgagta acaaggcaca gtaacaagga gcagtaacaa ggcacagggc      300
tgccacctga gagtggaggt acccaggagg cagacaccat aaggcgggaa atggacatat      360
gtacagaatc atggctgcat gtcctgaanc ctggcttaag ccatcaacgg ctgctgggca      420
agggccaaag ccctgttatc cctttcgccc ttncctgatg ctctgtctct gccttcaactg      480
ggtgtgggca agccnnaccc acccnaggct nnagcccttt acccacagtg ttannaaatg      540
caancttcaa taggattgtn cttnaggccc ttncccanaa anccnggatt ttgacagggg      600
gcnatgantt cannnncnng cttttaatgg attggcctat cggtttttaa aataatgacc      660
aatnggggcn ttnggcctgg ccnanaancn ntnancattc nattttcctg ccaatttttg      720
ggtcnaaant ccngcngntt ttncnctngn nnggttnnaa tgaactgnaa naaaatnntt      780
ttgnttgng

```

```

<210> 3704
<211> 805
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(805)
<223> n = A,T,C or G

```

```

<400> 3704
ttcnaatgct tggctactcg ntctttctgc aggnatccca tcgattcgtt caaatctgcc      60
actcccagag cccgtggaac tctggcccaa ggctctctga ctgactcctt cttggccttag      120
cggtgaaga ctgacactgc ccgatcgent nagaacaccc gtaaacatc acggangccg      180
agctntactt anctttcana gtggaggaan gcnggaatgt nangcctctn aacccaagcc      240
aagccatcac attccctgng acttgnacgt atgcacgtnt gcncctaaat ggcctgaant      300

```

tactgaataa	tnacananga	ngtgaaaagg	ccctgtcccg	ccttaactga	tgacntttcc	360
accattggga	tttgttcctg	ccccacctta	acngagngan	ttaccctgtg	aatttncttc	420
tcctgggtca	naanctcccc	cactgatcag	cttgggancc	ccgttcntnn	caccatanaa	480
caaaccccc	ttgactgaaa	ttttcccat	accttccan	atcctataaa	angggcccca	540
nccttatntc	ccttcgctga	ctcttttcng	ncttnnggcc	catctgnccc	tggcgaaata	600
aacanccatg	tagttcacat	aanaanatcn	tttaaaaaac	cttnganccc	ttttnnaant	660
atantggagg	cccnttttan	gggaaattcc	cgnantttgg	ataangatac	catntgtann	720
antntggggc	caanaccnc	aaactntgaa	atgnccattt	gaanaaaaaa	aangccttnt	780
antttttggn	cnnaaaattg	ngngg				805

<210> 3705

<211> 868

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(868)

<223> n = A,T,C or G

<400> 3705

naaatccctg	gctactcgnt	ctttttgcag	gatcccttcg	nttcgaattc	ggcacgagcc	60
agcctggcca	acatggcaaa	acactgtgta	cactacaaat	agaaaaattg	gccgggcatc	120
atggtgtgtg	cccgtagtcc	cacctactca	ggaggctgat	gcaggagaat	cgcttgagcc	180
tgaggggcgg	agggtgcagt	gagacgatac	cgtccactgc	acttcancct	gggcaacagc	240
aagactnctg	cttcaaaaaa	aaaaatttta	aaaagatttt	tcttatggng	ggtttcaaaa	300
aatggttgn	ttggcaacgc	tnggtgccaa	tgggttaccc	ctgnntaatc	cnccacttt	360
ttaaaagncc	caaaccgggt	ggggatcacc	ctctanggtc	nggaaatttt	gtnnnacctt	420
tggggtnnan	aattnnngn	nncccccat	ttttttcntt	ataaaaangna	ccccncnaaa	480
aaattctatt	tccnccgaat	ttgggtgggc	accgttgccc	ttggtaaatt	cccaancctt	540
ctttggggga	angctttaag	gcccaggnaa	aaaattggnc	ntnaaanctt	ctgggggctt	600
caaagccgaa	ncanttncca	accttcaacc	ttccatatnn	anttggggac	tacnaggng	660
cnccccnanc	nttttnctgg	ctaanattta	ctgantttca	ngtagagnan	ccancttttn	720
ttatttttnc	ccaaanncnt	gctnnnaaat	tctnnctnt	tatgnanccn	accaatatct	780
nnntnccnna	aaattctnng	naccnttnnt	ctnagaaacc	tnatngccnc	nantannncc	840
tngggttcan	nntttcccn	tccttttc				868

<210> 3706

<211> 855

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(855)

<223> n = A,T,C or G

<400> 3706

cctagttna	atngctnggc	tactngttct	ttttgcagga	tccctcgatt	cgaattcggc	60
acgaggtgaa	gccacctttg	tgaacagtat	agtaatgtct	atacttggtc	aatagtttag	120
aggaggtagg	aggaagaaa	ttgcaaaagg	taatattact	agtgtgttca	tacttggaca	180
ttttcagaca	ccatttttct	atatgttttg	tgcattttgt	tttgctctgt	atatagtata	240
tataatggac	aaatagtcct	aatttttcaa	catctagtct	ctagatgtta	aagaggttgc	300
cagtgtatga	caaaggagta	aaattagcct	attttgtaca	ctttgnggtt	gaattcctng	360
gaaaacctgg	cttctgnnaa	aaaccttttn	cttaggaatn	tgtttngcca	tctcttaacn	420
ttacacntg	ccctgtntct	ntccactgga	ttgaaaggcc	cnataaagga	aggggaggga	480
agggaaattg	atttcaaagg	ccccaaatgg	gccacatttt	aggaaagaat	accctcacna	540
tgggaataanc	ccatttggtt	aatgtngtg	tgccaaat	ttatttaa	aagtcctgg	600
ngtaatgggtg	ggtggggacc	aaagtttatt	ntggaaaata	tcctnagtnc	tttcttagaa	660
tanttttggg	aaaatgcctt	ggatgggtatt	ttaaaaagtg	gtaagtagaa	atanaccctt	720
tttggaat	aagccttttt	aaaaaacctg	attgggnaaa	ttcctngttt	tggaaanttg	780

gaaattgggtt ggaaccancc tgggaaggtg ggaaggggaa gaaaatgcc aatgggggttt 840
 tggccattgg ttnta 855

<210> 3707
 <211> 778
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(778)
 <223> n = A,T,C or G

<400> 3707
 gnnnnnttnna aannncnngg nttnnngnng cccttggttg nccnananaa acncnntgna 60
 ancncgggct cgcttctcct cttccattgc gatttgcctt ctttatccag ncttnnggaa 120
 tgctgatttn aaatgtnnnt ggcacaaggc aggcgtgaaa acataaagtt aataaaaatc 180
 gaatgcataa gctagagcag attatccaca gattcttcca tctccatata gattatcacc 240
 attgctgca cctgttttcc ttctccagcc tatctgatgg aatgggtgctt ccatgacatg 300
 tgggtatttg aaggctctta gctctgatgt aatcaggggtt tgacccatag tcacctgaaa 360
 tagnncttct ggnnctcttt ggtctatgaa ctgaaggggtc tcagaagccc gtgttatgca 420
 aatacccttc catcccttc cctctccctc tgcctctatc catgttccct cagcctcagg 480
 gtgcttgca gctaagagga ttgggnctct ggcacccctg agctgaacag ctcgngtcag 540
 gaattcccca ggcccttgag nctctggggg gagttgnagg ggtgtgtagg gngctgggga 600
 ttaaganctg ctgagtaggg gcttaccaga ggtatactga aggacctgaa gacagatcat 660
 cttcacataa tcagcatgac cataatctgg gatggcactg agcttctttn antcnggagn 720
 caaggaatgn gcncaaagaa ngcaaantaa tnccttttaa gcccaggat nagggaa 778

<210> 3708
 <211> 788
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(788)
 <223> n = A,T,C or G

<400> 3708
 tttnaannnc cnnntttcaa atngcnaggc tactngttct ttttgcagga tcccatcgat 60
 tcgagtgatt aagtctcact aggaataggc ttttctaaat tgntttatct catcctcatt 120
 agaacttcac cacatgtggg aaatcatgtg gcaaaactgt ctctcttaaa aaaaaagtca 180
 ccaaggaaac ctccttctgc aatttaagaa ataaaatccc agtgacattg atttggatgc 240
 tccaaacatg tccataatgg aagagctttt ccaggttttg gtttgggccc ccagaccaa 300
 agctttgaca cataatacaa gctctgtaag tctgttttcc tgtctgtaat ttgggattgt 360
 catctttgta ggggtgcatg gagattaagt tattcactgt agacaatgcc cctttcatgt 420
 aatagattct gtcagtatta gatcttttcc tttctcttca agtttcaaac atagattagg 480
 caaaatttta atggctattt caaaaaatca gcttgattct tgtttatgac atcaagtgtt 540
 gtttttccag gttgtctgtt aaagggttac tttttttttt ctaaaagtgc ttttanaaat 600
 tccagtgtta gtatgtatgc atcatttaag ctaagaatga agatntaaag atcacccaac 660
 agtttaaagc tggattcttt tancaggtca aaggagaatt gngntttgnc tagctgnctt 720
 anccgtgtcg gacttcttgg actcaagtga tcccacctgn ccttaanctc ccaaagtgc 780
 nggaggtt 788

<210> 3709
 <211> 750
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1)...(750)
 <223> n = A,T,C or G

<400> 3709
 gnnncngcctt nagttccnca ngcgnactct ttgnacganc ttatgaacag atatggagggc 60
 cagagctcat ttgggtaaac ttactcctgc tgagtttagca ttttggtgag agaagctccc 120
 ctgagctcac ctgtctctct gactgccttg gagtaggtgg cataaccttg tgcacagaga 180
 actagaaaag gggcagaacc ccggccttgc agttgtggca ggtttccact gtggtaagct 240
 aggttcattc ctcacaaagg aatgtgtagc agattgttca ctgtggagga gttaattata 300
 gaatgggtta ttgttggtat tcttactcat gaagttacag atttttagcca gtctttgctt 360
 ttatactttt gtgaaattta atttctctct atagcacctt cctttttcgt tttcagttat 420
 caaaagtgac tttgacctca taaaagagtt gagaacatct ctctgtgtcac ataactgcagg 480
 tgcacaggtt acttttgcac agattctagg gggacatttt tctgaatagg aagacaggac 540
 aaagttaaca gcttaagggc tcttaattct gtgagttgag gacttaaaaa gtattgnagc 600
 atttggttgg atccatgaaa aaatgtattc agtgggcttt taaaatttcc atttgagaa 660
 tttggnctct cangctgttt ggggagctct tttttttacc attttttctc ctttgacact 720
 atttnatggg ggttaagta aanggttact 750

<210> 3710
 <211> 895
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(895)
 <223> n = A,T,C or G

<400> 3710
 aanagcnnnt cnaatngcta ggttntcgt ctttttgcg atccctcgat tcgaattcgg 60
 cacgagatta ttataagact aacattctga taagccatgg tataattaac attattaaaa 120
 tgtttacata taatccttct taaagtatac tcttttaaaa atccattggc ataaccttac 180
 ttttagttta gtgatccaga atttccccag agcttaagcc actgcagtaa attaggtacc 240
 gtaggatatt cagtcgtcac tagccacaag gactctcctt attttaatgt acctccctca 300
 gtactttatt cctgcagagc gcctcagagt gggggagaga aatgagcaat cctggctcan 360
 ntggattatt tcagcatttt attttctaaa atctgtagt tgatcccgaa aatattttaa 420
 attaaaaaaa atactttttac cagaagagag gcctacctaa tcaatgngct ttagagaaac 480
 naaactaccc ttaccattc aatttaacaa ccnanaaaaa ggtttaccg aaattttaac 540
 aaaacatttt ttctttatct gaattntggg gaggaaaata cttaatgctg acaccgttta 600
 ataaatttag gaaaaaggat ccattcccag gaatctttat gggaaaaaat tgggggtttt 660
 naaatttcca agccagggtt ggctcttttg aagaacatng ggtaantcct cnttaaatgg 720
 taaacttntc taaaagggan naggggtagg aattnggaaa aagggaatct ttgggnattn 780
 ttaccntta aattaatggg tcccaggaat nggggtttca agggattntt ncanaaatta 840
 aaaaatnngg tttttgggtt gggaaaaaaa tggaatatcc cttttttngg ggggg 895

<210> 3711
 <211> 765
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(765)
 <223> n = A,T,C or G

<400> 3711
 naatngctag gttnanacgc tnggctctng ttctttttgc agggatccca tcgattcgg 60
 cgtgactcct gtacaaggga aaataggctt ggagaagatt ggtgtcaaaa ttaatgagaa 120
 gagtggaaaa atacctgtaa atgatgtgga acagaccaat gtgccatatg tctatgctgt 180
 tgggtgatatt ttggaggata agccagagct cactcctgtc gccatacagt caggcaagct 240
 gctagctcag agactttttg gggcctcttt agaaaagata tatcactatt tgttctggcc 300

tcttgaatgg	acagtagctg	gcagagagaa	caacacttgt	tacgcaaaga	taatctgcaa	360
taaattcgac	catgatcggg	tgataggatt	tcatattctt	nggaccaaac	gccggtgang	420
ttacccaagg	atttgcagct	gcaatgaaat	gtgggctcac	aaaacagcta	cttgatgaca	480
ccattggaat	tcaccccaca	tgtggggagg	tgttcacgac	tttggaaatc	acaaagtcgt	540
caggactaga	catcactcag	aaaggctgct	gaggctagcc	tgctgctggt	taagttctnc	600
ttgncatatt	ctcattttct	tcaaagataa	gaatgctctc	ggatnaaatg	agcctgtgct	660
catgacanct	gctctgggtac	ttanggacca	ntgcaaggct	tncttaccac	acttagatga	720
gaaagttnnc	aanggaaaaa	ggncaccaat	ngggcatttt	gcctt		765

<210> 3712

<211> 807

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(807)

<223> n = A,T,C or G

<400> 3712

agnnctttct	tacgcctnnt	gaacttnttg	naantcctnt	tttgcaggac	ccatcgattc	60
gaattcggca	cgaggaaaag	acccatgatg	taaggatgtc	ttttttgggg	ggtgcttgtg	120
gctccttaac	tggtcttgga	aagagcctac	ttcccatagt	gaaccctgtg	aggtccaatt	180
ctgttcctcc	ccttgagct	ccaagagaag	gtcattgcct	tgtagcagca	ggtgcccccc	240
caagctgggt	tctcactgca	ggtgccagcg	ggctctcagt	aggtatgacc	tggtgtgag	300
tggtgaacca	ggattgagc	actcagcacc	ttcgaccaca	cttccactct	ccctgggggt	360
caagtccagg	tatggaaaag	tgtcacccctg	tttgnccat	aactggatgg	gtngtaaaaa	420
gaacgcctct	ggcaaaggtn	gaccttgaag	gcaaaactga	gttgaggggt	gttaggacgg	480
aaataattac	tgctgggcat	gcaacacttc	ccaaccgttc	ttgtgangca	agcantgtta	540
ttgncagttt	ggcacaangg	cacangtgta	nnaacaacgt	aagtgcctctg	gggcccgctc	600
ttacaccacc	cactgnggtt	tgaacttana	atgtgaaccc	aaggcccttt	ttgaattccc	660
aaantccctc	aatcccttca	atcctaaaca	agccttgccct	gccgggttan	ccaaaaaagg	720
gggacctccn	ggnaatntng	ctcttgccan	ntttntttta	anctggatnt	attaatgggg	780
aaaaccanan	ntanaantnt	ttggtnt				807

<210> 3713

<211> 909

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(909)

<223> n = A,T,C or G

<400> 3713

ttgnaatcg	ctaggctctc	gttctttttg	caggatccct	cgattcgttt	tttactatgt	60
accataatgt	cccattcatg	agaacctagc	aagtagtttt	tctcattagc	gaatgctaga	120
attttatttt	ttttcacata	gtgaaaagg	gaaattggtc	tgtcttcctc	tttacttttag	180
ctgctagtaa	ggttgaaaca	acgatggtgc	ccaaatttaa	cagttagggtg	acatcttctt	240
ctacgtgtgc	taagattacc	cagacttcac	tttaccctta	tttccactg	actttgatcc	300
cttttacttg	nttttattct	gnaagtatgt	atttttgnc	tctttcagna	ctctttggna	360
tcnnaataaa	attaaattcc	cctagncttt	aaanangata	atngggtnnc	ttggnttaaa	420
nattaaaaat	naaaagtnat	ttngggcttt	natataataa	ttaagccant	aagnnatttt	480
tnggcnnaan	tccttttctt	gccanaagg	ggcccagaac	gggnntaaat	attttttaag	540
ggtggtttnc	caagggccaa	ggtggaatcc	tcttggttg	gcaaacttaa	ccttcaagcc	600
ttcttgccg	gttccgttaa	antggangga	aaaaggccag	gcccttnng	gacccaatgg	660
gccatttaaa	ggcccaaaat	ggggggttng	ttggaacttg	gggggttttc	ccaanttaaa	720
aaaccttttt	aattttttnc	naaaaaancc	aatggggctt	accatttttg	acttttttng	780
tggttngtaa	ttttggcctt	accccccaa	aaanaanaaa	anannnnnct	tcctatattn	840
actnnnanac	tttcantnan	caaaaaaaaa	cntgggcctt	tttanaactt	tnngnggncc	900

<210> 3714
 <211> 752
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(752)
 <223> n = A,T,C or G

<400> 3714
 aaatnnnagc tacttgttct ttttgcagga tccctcgatt cgaattcggc acgaggagcc 60
 atggcagaaa atcagtgatg tcattgagga ctctgtagtt gaagattata attcagtgga 120
 taaaactacc acagtttctg tgagccagca gccagtctcg gctccagtgc ccacgctgc 180
 ccatgcttct gttgctgggc acctctctac atccaccacc gttagtagca gcggggcaca 240
 gaacagcgac agtacaaaga agactcttgt cacactaatt gccacaaca atgctggcaa 300
 tcctttggtc cagcaaggtg gacagccact catcctgacc cagaatccag ccccaggtct 360
 gggcacaatg gttactcaac cagtattgag gcctgttcag gtcatgcaga atgccaatca 420
 tgtgactagt tcccctgtgg cctcacaacc aatattttatc actacgcagg gatttcctgt 480
 aagggaatgtc cggcctgtac aaaatgcaat gaatcagggt gggattgtgc tgaacgtaca 540
 gcaaggccaa acggttagac caattacact agttncagcc ccangtacc agtttggttaa 600
 acccgacagt tggagttnca caagtgttct tccagatgac ccctgtgang ccagggttca 660
 caatgcctgt ganggccacc accaaacacc ttnaccaccg tcattcccgg cactnttacc 720
 attcgnaagc aaccgtccca aagtcccagt ct 752

<210> 3715
 <211> 960
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(960)
 <223> n = A,T,C or G

<400> 3715
 tttcaaatcg ctnggctact cgttcttttt gcaggatccc tcgattcgaa ttcggcacga 60
 ggtctcgagt ttgttgtttt ttgtaatccg ttttagagtg aattaaactc agacatccct 120
 ggattgtatg ctgtctgtag aatgttgatt ttcaggcacg gggatgtagc tgtagaatgt 180
 ggcttgggtca ttcttctga taagaaattg atctcctgaa tggattggcc atttggtaat 240
 ttcttagtga aaggctgact cttgaatatg gctggataaa tataaattct taccaacata 300
 aaagtaaggg cttatttggg gcttgggtaa aactgtcatg ccttgganga tatatagctt 360
 ataaaattgg ctttaacctg natTTTTatga cctanctnnc ccctgntgcc aacntttnac 420
 ttgccaaaaa ncctgggatt cntgtttnc aagggngnac cttattattt gtggaagaaa 480
 aatttggatt nccaagggtt aacctatttt tcaanggctt cttggctttt tgnaattttt 540
 cttcaatttc accatggccn tcctttttat tcctnttttt tncccttcc caaanggggt 600
 tccnggggaa tttancctgg tttcccgga aagnaaanga angggatttn ttccaccant 660
 taaggccanc cccaaatttt tttacccac ctttccaaa accccanggg aagccttacc 720
 ttacctgggn gggtnaaaaa ttanggggtt taaccacccc ccaanatttg ggaaaaatcc 780
 tttttggcca aaaaggggtt cnggggttcc taatttcaaa ccggaaacca gngnactnt 840
 ttagccnaaa aaaggaaagg aatccgtttc ccattattt gggaaccgcc cccattttta 900
 aaatttnccc agnggttttc ctttaaatgg gaacctttgc caaaaggga atatttggcc 960

<210> 3716
 <211> 769
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(769)
 <223> n = A,T,C or G

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<400> 3716
ttnaaanccc nnttnznaat cncagctac ttgttctttt tgcagggatc ccatcgattc      60
gcaaagcttg atctattaat atattgatca gagttccatg atccttttct aaaatgggtg      120
ctttattttg ccagaataat tctgcagggt gttttttttg ggacggagtc tcaactctgtt      180
gcccaggata gaatgcagag tggcacaatc ttggctcact gcagctcttg cctcccagtt      240
tcaggagaat tgtgtgaacc tgggaaggcg aggttgcagt gagccgagat caatcaccac      300
tgcacttcac ctgagcaaca gggcaagact tcatcttaaa aaaatttttt ttggatttat      360
atttactgan aaggtctgtt actaaagggt ttaanatttg gntgggtttt accgctaaat      420
gtttgtanag tctgaatctn tggcctnggn aaagaataat tacangcntt caccaagttg      480
tgaaaccttc tgggttngga tgaaaagaaa ctttcaagct nagaggaana atgttctgaa      540
atatttgggg aagtttggca gactcctttc tcaaggggta tgttcatttg ggcngtgat      600
tctggaaccc cctttgcaga tatcttaagt gtgtcatgaa agtttaccac gaacattgtg      660
agtanttgca attaccaaaag ggaaccaatg ttcattattac ttccattat ccggtctcaa      720
gnattcttnc ngagatnctt taccctgtgt aaagtgaatc ncttcttct      769
```

<210> 3717
 <211> 756
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(756)
 <223> n = A,T,C or G

```
<400> 3717
naatcgctag gctactcggt ctttttgcag ggatccctcg attcgagag ctggggcatg      60
gcatgtctca ggaagccatg cttgtcacag aggaatcact ccgaggctaa aggaacatct      120
gggaatcctc acttgtgtac tcattggatt cattcagtga ccttgttatt atccttctag      180
ctaaatgctc tgggtcttaa ttcacgactc caaggttgct cttgatttta aggaacattt      240
tggcagaata gagagaagtt gagcaaatat taacagatgt ccaaaggggc agtgtgattt      300
attatgtcaa gagaatcagt tttatgtcga gggagaatt ttggtagaaa tcaactgtatt      360
ttttggaaaa tatcatattt gggttttttc attgnataag taatacatgg atacatgctt      420
atataaagaa aaattcataa tatagaaaca taaggaggaa aaatgagtca tttttctccc      480
atagttcact cctttccctc ccctttcagt aaccagtgtc acacgggtgt gtctttccag      540
acgttaaaaag cagtcataca tatctctaaa gggaaagttt gcgtttgctt gntntttctt      600
cctgnattaa taggatttgg gtatataat acncaccccg taatatattt tggatctgga      660
tatntaggag catatttctg ggggtgcgctt tttaaaattt tatggccaaa tctacagct      720
tctcatgtn acttgcttat tngatgtttc cncant      756
```

<210> 3718
 <211> 766
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(766)
 <223> n = A,T,C or G

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<400> 3718
ttcnaatngc ttgctctcgt tctttttgca ggatccctcg attcgaattc ggcacgagcc      60
cgaaagtgtg ttagagagtg actcccagga cgaaagtgtg gaggaggagg agggagacgt      120
agaaaaggaa agaaggcgc aggaagcaga agcgcagagc gaggacgacg acgaggatac      180
agaagaggaa cagggggaag aaaaggaaaa gggagcgcag gagaaaagga gggggaagag      240
agtccgtttt gcagaagatg aagaaaagag tgaaaattcc tcggaggacg gtgacataac      300
ggataagagt ctttgtggaa gtggtgaaaa gtacatccca cctcatgtga ggcaagctga      360
```


ggagacagtg	gacttcaaga	aaaaggaaga	actanaaagg	ctgaanaaac	atgtaaaagg	420
tctacttaac	aggttgagtg	aacccaacat	ggcttccatc	agtgggcagc	tggaggaact	480
gtacatggcc	cacagcagaa	aggacatgaa	tgacaccctg	acctccgctc	tcatgggtgc	540
ctgcgttcac	tgccctcgcc	atgcccaca	gactgatgat	ggagcatggt	ctcttagtca	600
gcatccttna	ccacacagtt	tggaatcgag	gtcngtgccc	actttcttgg	aggcattggt	660
gaggaaagtt	cgatgccnnt	cttttnaata	ccggaagcca	aagggaang	anttgttnaca	720
acctgttcac	cgtcattggc	cattttatac	aacttcccgt	ggtntct		766

<210> 3719
 <211> 755
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(755)
 <223> n = A,T,C or G

<400> 3719						
ttncnaatcg	ctaggctctc	gttctttttg	cagggatccc	atcgattcga	attcggcacg	60
agggacaaac	catctccaga	gccttaatcg	catctgtaaa	gtccctttta	ccatgtaaat	120
taatatcat	agtttctgaa	gatcaggatc	tggatttctt	ttggggcaat	tattcagcta	180
accacatatt	ataatgagga	agcacttctt	gggaggcatc	ataatgcttg	ttttttcttt	240
tcctaaatag	agtatcactt	ttacccaaat	ggaataactc	gctgggttat	tttactgagc	300
tcttgatgct	catttctttg	gtcttctctg	tgatgaatta	atgtttctat	atggacatca	360
tgacacaattt	ctttattcct	gaagaatatt	ttaaaatgnt	gttattttat	gttgtagttg	420
gtgtaatacg	gtgcccagta	tgcccgccaa	gaatgcagac	agatagacct	tgtggataat	480
tattttgtga	aagacacatc	tgaagctcct	agcagttctg	atgaaaaatc	agaacaggta	540
tgcttctcaa	tttttcttta	tattcctatc	ttgatatcaa	actgtaagta	taagaaaaac	600
atgtttggat	agttaagtca	tttaagggtg	ttctgctatg	gattcctggg	tcaaatagaa	660
agttaaagat	agctttctta	tatactctca	aacttagttn	aatgagacta	aagctattac	720
ttaaaatgtc	aaaatttggg	ccagcattgg	gggct			755

<210> 3720
 <211> 753
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(753)
 <223> n = A,T,C or G

<400> 3720						
ttncnaatnc	taggctactn	gttctttttg	caggatccca	tcgattcggg	cggtgttaca	60
cacattcaca	cttgaggcgg	tgagggtcgg	tggtgttaca	cacattcaca	ctgttgagg	120
cgtgcaggtc	ccgtgggtgt	acacacatgc	tggtgcaggc	gtgcaggtcg	gtgggtgtac	180
attcacactg	ttgcagggtg	gcagggttgg	gttacacaca	ttcacactgt	tgagggttg	240
caggtcggtg	gtgttacaca	cattcacact	tgaggcgtg	caggtcagtg	gtgttacaca	300
cattcatgct	gttgaggca	tgagggtcgg	tagtgttaca	cattcatgct	gttgaggcg	360
tgagggtcgg	tggtgttgca	cattcatgct	gttgaggca	tgagggtcgg	tggtgttaca	420
ttcacgctgt	tgaggagta	caggtcagtg	gtgttacaca	cattcatgct	gntgtgcagc	480
tatcacttcc	atcttcagag	ccctttcatc	ttaaaactga	agctctccat	cacacaagtg	540
acccttcatg	tnccttccca	gtccctgaaa	aacactgttc	aagggttttc	ttcctgggac	600
ctcattgtgt	ggagtttctc	gtgtganttg	cagtnacaca	cgattggcct	tttttttttc	660
gttgttgaga	caaatcttat	tctgccttca	atctgggggtg	tcanaatgag	accccatntn	720
aaaaaaaaaa	aaaaaaaaaa	aacttgagcc	ttt			753

<210> 3721
 <211> 775
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(775)

<223> n = A,T,C or G

<400> 3721

ttccaaatcg	cnaggctact	cgttcttttt	gcagggatcc	catcgattcg	aattcggcac	60
gaggcaggtc	ccctcccaca	tctaattccac	cactaaggcc	tgcttcttaa	tagctcttgt	120
tcggctttgg	ttgagacagg	gttttgctct	gccgcctagg	ctggagtgca	gtggcgtgat	180
cactgcagcc	tccaactcct	gggatcaagc	agtcctcctg	ccttggcctt	ccaaagtgct	240
gggattacag	gcgtgagcca	ctgtgcctag	cctgaatagc	tcttaaactc	atccactttt	300
cttcctctgc	acacctgaca	ccctagtcct	gctgcccctc	tctccacctg	gacaacctcg	360
cccaccccc	agttgggttc	ccctcatcta	ctcttgcttc	ctttcagtct	atcttctgtc	420
ctgaggtcag	aataatttgt	taaaaatata	aatgggggtc	agaatgagtt	ggggatggag	480
ctganctaga	gatgggttgg	gttgggggtg	ggacttggat	aangcatgga	attgggggtc	540
aactgatgta	aaagntaaga	ataggattgg	gatgatgatg	aaggttgaac	tggggatggc	600
ttgggggttg	ggggatgggc	aanggcttgc	ctactnacca	naatttgccc	tggttgcaca	660
aagttttaac	ccacacccaa	cctncgntaa	nggctggggg	aacnttnaag	ccantccgaa	720
tagcttaang	ggccctgttg	ggcntttctt	gaanggggta	ccagtttttt	ttcct	775

<210> 3722

<211> 761

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(761)

<223> n = A,T,C or G

<400> 3722

cngnnnctng	ttcttttttg	aggatccctc	gattcgtttt	tttttagaac	gtggtcttgt	60
ctctatcctc	tggaactctg	agcgtacgag	taacaacagg	tcttgaggc	ttaaataactt	120
ataaacaaaa	tttctttcct	gaggagctag	gtattccgat	gtatcttcaa	catagtccctg	180
aagttcatat	ggcaatcgtc	cttttggttc	ctgaaatgca	gaaggccatc	cagatttcgg	240
ccaactagag	gagtctgaag	gaccagacaa	ttgctcagaa	acagaaggct	gtttagaatt	300
ttctaaattc	attaagggca	attctggtac	ttttctggaa	attggcttta	agagctcatc	360
ctgcattttt	aaaatctctc	caactggatc	aaatttttta	tatactcggt	tgatagggtt	420
ttttaaaaca	catgactctt	caggactaca	agcagtatta	gtctgggttc	ctacagaagc	480
ctgtcctgag	gaagaatttg	gactagctgg	tctggaactt	aagttagaac	ccacaacagc	540
tgtctttcca	tcactattat	ttttacattc	tgnatcaatg	attaaacact	cctcatctgt	600
atcactgctg	cagagaactg	tatcttcagt	ttttgctgct	tctgatccaa	cagtcttttc	660
ctttgagttg	gctanggttt	ctagaacatt	aggnttttca	ccatcagcat	gtaatatatc	720
tatagncata	tcattttatt	agaagttcaa	tttcttgaaa	t		761

<210> 3723

<211> 780

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(780)

<223> n = A,T,C or G

<400> 3723

ttgcaaannc	cctgtttcna	atnncnaggc	tactcgttct	ttttgcaggg	atcccatcga	60
ttcgtctaaa	ttcatggntt	atatttatat	atgtccttaa	tcctcactca	cattggccct	120
acaggtagat	tcattgctca	ctgtcagttc	tcttgctgaa	gttttctctat	ttttctcttg	180

atttgc	tga	attccttctc	cagtagttta	atcaaaaggg	actaaatgaa	aaaaaaaata	240
ttcagttg	tt	gcaagttcaa	aaaggttttt	agtctttgtg	tttgattgac	agctttccag	300
catataaa	at	tcttaggcca	cactttcttt	ccttgagaac	ttcacagatg	tcacttctgg	360
ctctagag	tt	aaatgccctt	gtgggaaaaa	ccttgagctaa	cttctatttt	ggtacccttt	420
atgaattg	at	gntttcactt	gactgnccaa	agtctttttt	atttaactgg	ttcccccttt	480
cttttatat	t	ttaagtctag	ttacttttca	tagaaattac	ccttggtatt	gacagatttt	540
tgncattttt		ccccaaagac	atgggtgtgcc	ctttcagttc	gtagatttat	cttcttttac	600
ttcaagaaaa		ttttcttgga	atgatattct	taaatattta	tgttccccta	tttgagtttt	660
ctattctggg		gatatatgat	gggtcccttg	naganccttc	aaatctgnaa	tttctctgna	720
atctctttac		accggtcatt	tcaatttctt	ttgctcactt	tcctcatctt	ggtctcaggg	780

<210> 3724

<211> 768

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(768)

<223> n = A,T,C or G

<400> 3724

gtgnntnnnn	nnntnnnn	cn	aaggaactct	ttgcnanttn	ccctttttgc	aggatcccat	60
cgattcgaat	tcggcacgag		cctagttaaa	tcacaacaag	ttagtaatnn	ataaatgatg	120
tgtcctggtt	ctcttttagta		gaaattatat	ttttggctac	cagttaagaa	acttgtctcc	180
tttgtccctt	atgttactat		aaactcaaga	tgatgagttt	tgtggtattt	gacttcatag	240
gcaaaatcaa	aatttttact		ttgttgctat	tctgttttat	gaaataaact	tctgtctatg	300
catttgaact	aagtttcagc		aaattcaatc	taaattgaat	aattccagct	cccagtttta	360
tcctatggtg	ctcataaaac		agttccaagt	atactgcatt	atcttgagat	ttgaagatat	420
ggtgcccacg	gggattatac		taggcaaatg	cgtttaagcag	ctctggccta	ggtgttgtgt	480
attttaagag	actctatctt		aggagagctt	aagtgattgg	gctgcaggaa	gaagacattg	540
taaccacagga	attaaaaatg		gattcagatt	gcctgatttt	aacacttttag	tttcaccata	600
ggctaattat	gtgacattgg		gcaagagaca	taattcttct	gtccttagtt	ctacatttgg	660
aaaaatagaga	tgatttgagg		acttattaat	aagatttttg	tgagagataa	ataaacaat	720
ncttttgnaa	aaaaaaaaaa		aaaaactcga	gccttagaac	tntgnggg		768

<210> 3725

<211> 793

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(793)

<223> n = A,T,C or G

<400> 3725

gtncnatnng	tgntantnng		cgnccttgcc	taaananata	ggntngggcg	tgattctgga	60
acagagtgc	a	caccaggaga	atctaagaat	ttgggtcaaa	aagaaaatgg	caattacatc	120
atgtgctcta		ctatattttc	ctgtgtattc	aaaagtatct	ttttgaaaat	ggaagggtag	180
atgacatttt		ctccgatctt	tattatgttc	ggttcacgga	gtggctacat	gaagttctga	240
aggatgttca		gccccgggtc	actccacttg	gctatgtctt	gcccagccac	gtgactgagg	300
agatgctatg		ggagtgc	caag	cagcttgggg	ctcactcccc	ctccaccttg	360
tcattgttctt		taataccaag	taagtgttct	agaggctcca	ctgctggcat	ctgtccagtg	420
aagagtgtgg		aagctatcca	agaggccttc	tgaattcttc	tgacatatat	ttgagaaagg	480
gcttggtgactg		tgaaaagaaa	tgtggccctt	ttccatcttc	aagagagatg	gaattaatga	540
tggatggacc		ctggagggaa	tctccccagc	ccgactttca	ctgggctgac	agactttgct	600
gaccacaggg		gaacnatgtt	cntttctttt	cttcatgatc	agacntaaac	ctagcntcnt	660
taatggaaga		aaaaatgaagg	gggaacttca	attatgantt	attcaacgac	caantttnta	720
ttacnccccct		ccttttatga	ccaagntgac	catttnnnat	gttanngtta	aaaaaccttt	780
cccttgccct		tnt					793

<210> 3726
 <211> 760
 <212> DNA
 <213> Homo sapiens

<220> .
 <221> misc_feature
 <222> (1)...(760)
 <223> n = A,T,C or G

```
<400> 3726
ginnntttnnn nnnnnnnnnt ttnnannata cagctcttgt tctttttgca ggatcccatc 60
gattcgctga caagtctgaa atacatattg gagcctggta gactgaaaac tcaagcaaga 120
gttgatgtta aagtcttcag tctgaaattt gtagggcagg agattaggct ggaaactcag 180
gcagaatttc tgtgttacaa tcttgaggca taattcttct ccaaaaaaat ctccattttt 240
ttctcttaaa gccttggatg agccttggat gattggatga ggactaccca cattatctag 300
ggtaatctcc tttgcttaaa gtaaaactcac tgtgttaatc acatcaacaa aataccttca 360
cagctacatg tagtgtttga ccaaacaact aggcaccata gcctagccac ataaaattac 420
tatcattata ctttttctta tcacatactt ctaccttgga agggatattt cccagttggg 480
atagctacaa aacagaggca gatcatttag cctgcatttg atttgtagtg aaaaaataagc 540
ctttggtgtg tttaaccact gaaatgttgc ggttttattag tatagcaciaa cttatcctat 600
actggccaac atagatgctt tcggttgcaa gtaacagatc cccttacagt ttacaaaaaa 660
aaaaaaaaa actcgagcct tagactatag nagtcgatc gtagatccag acatgataga 720
tcatgatgag tttgacaac cacacttgat gcagtgaana 760
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<210> 3727
 <211> 780
 <212> DNA
 <213> Homo sapiens

<220> .
 <221> misc_feature
 <222> (1)...(780)
 <223> n = A,T,C or G

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<400> 3727
aaacgcttgg nnnnnnnnnn ncctttttng gatacagntt ctangacaan agctacttgt 60
tctttttgca ggatcccatc gattcgaatt cggcacgaga cttttttaac gaatggggga 120
agggatctat gagaaagggt gtatctaatt tttttatgga ccataaagggt ttaaaagaaa 180
ataggggcac aggtctgttga ggtttttatg ttgttataga cttttttaaa ttatgttaga 240
gatgntata ggnatttaaa ggtcactggg agcgtttctg attcccggcc acactttgca 300
tttcaacact cagcccggaa agatgctcgt tcgntgttg gacctcttcc actccctgag 360
tgtaagaagg tgaatcacgt gggaaaaagt gatccttagc aacgtgccag gacacttcct 420
gtgtgcctgc agttgtcang gaccatttgg gatcccgat ctcatctctt aaaactgctt 480
tcttgaaaca tgttacttcc ttagtataat caatgtatac tcccttactg gcctgaaacg 540
ttgtatagct acttattcag atactgaaga ccaacggact gaanaaaaga acaaacatta 600
gctattttat gctgcaagaa ccaggacaca caattcgcca atcatccac catataacct 660
tcgattggng cttctcaact ccaccccata atttcttcca gagaccatct atcanctttt 720
cccaaagaa gaaacaaaac cngttgcacc ttaaacatg gatatttttt cctcangggc 780
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<210> 3728
 <211> 774
 <212> DNA
 <213> Homo sapiens

<220> .
 <221> misc_feature
 <222> (1)...(774)
 <223> n = A,T,C or G

```

<400> 3728
tnggcnnnnn gnnngnnnnnt ttnntatac agtacngaag ctctttgnaa tnnncctttt    60
tgcaggatcc catcgattcg aattcggcac gagatatgct gaggtcctgg cctccagtac    120
nttagaatgt gactgtatgt ggagatggag atacagcctt caaagagggt agtaagttaa    180
actgaggttg ttaagatggg cccgcaacca atctcaccgg catccttaga agaaaaggag    240
ttggagacac agagagagag gctagacaca ggcacacgtg aagggacggt caggggaagc    300
ggcagcgaga ggggtgctgtc tacagccaca gagaggcccc tgaggagacc aacgctgccg    360
gcaccatgat actggactga cttaccgntc ccagaactgt cgaaaagaca tttctgttgn    420
ttaacaaaat agcagtctgt agtacttcgt tctggcagcc caagcagact aatgtatagg    480
gcattagatt gggcgtaagt aaaatataaa ggaacttaag tattgaatag tgcagggtgct    540
gtgaggaggg atacattgng ttntgntatt ggtcatacag agctagctgn tacctgaggg    600
ttcacaatgt aggntctact ctaatgctgc tgcttaaaaa accccaggcc gggcatgggg    660
tggctcacgc ctgtaatccc agcactttag gaagccgang cgggcggatc acgagggtcan    720
ganggcnaga tcaacctggc caacatggng aaacctgtc tntactnaaa anac          774

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<210> 3729

<211> 779

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(779)

<223> n = A,T,C or G

```

<400> 3729
taatgcttgg nnnnnnnnnn gnnnttnaaa cnnagtttca aatcgctngg ctatcgccctt    60
tctgcagatc ccacgatcgc gcgaggccag ttccaggccc actttttgcc ctgtgagccc    120
cctgcattnc tggntntncc ttttncaggc tgctnctcng tggagcttct ctatttnacn    180
tctactactg tatccatgnc tntagnnggn cctntcagtg atgtngctta tntccccaat    240
gacactgatg ggagctnctt aagaacangc tgtntacgga caaggatgtg aagtgggtaca    300
agggaaaagt angccgntta ggacctgtgg gtgtgtcatg actgtgcttg tatctcttgn    360
tagctttgtg gccttaggtt caatgctgac cctttctgag gctcaagttt ccttatcttt    420
aaaaataggta ttaaagggaag taatccggtc catacctgag cctgggtatg cctcctccc    480
ggacgttcct gttttctgat cgtcttcagc acagacatga gtaaagtga aatgaccagt    540
cctgtgactt actgagggca aggtgttcca attcagattg tatactgata attacacagg    600
gaaataagag aaganacaag ttanaagcct gnagattata gatgtttttg aagaatacat    660
tnttttgcac taataaatgt gaccagtttt taaaaagttt tcagtattag aggaaatagc    720
cacccccata ctacttctac tactgcaatt actatttagc aatttttatt ntttctttt    779

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<210> 3730

<211> 757

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(757)

<223> n = A,T,C or G

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<400> 3730
gnnttttnat nccccncttg caaancntng gctacttgtt ctttttgagc gacccatcga    60
ttcgaattcg gcacgagccg gacagagagc gcaggagccg cggtagcccc gcttcgtgct    120
ggggctggat gtngggcagt tctgtgatcc gctgccacgt ctatgaccgg gcggcgcnng    180
gtctgcggtt tccagcgtgc anaaggtaga aaatctttat cctcaaattg gctgggtaga    240
aattgatcct gatgttcttt ggattcaatt tgttgccgta ataaaagaag cagtcaaagc    300
tgaggaata cagatgaatc aaattgttgg tcttggcatt tcaacacaga gagcaacttt    360
tattacgtgg aacaagaaaa caggaaatca ttttcacaac tttataagtt ggcaagactt    420
aagagctgtt gaacttgtaa aatcttggaa taattctctt cttatgaagt agagacaggg    480
tttcatcatg ttggtcaggt tggctctgaa ctctagcct cactgatcc gccacctcag    540
cctccaaaat gctggtatta caggttcatg catccaggag catatgcaag atactgaaca    600

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gttccgcact	acaaagatct	cttgngttgg	tcttctgtaa	ctatatctac	cactctncta	660
tacacctcct	accctctctc	attcctagct	cctggcaacc	actaatctgt	cctccattta	720
aaaaatgttc	taatttgaaa	aatgtatatt	catagga			757

<210> 3731

<211> 798

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(798)

<223> n = A,T,C or G

<400> 3731

ggnmnttnna	ttccccccct	ttgcaaaten	ataggctact	ngttcttttt	gcaggaatcc	60
catcgattcg	tgtacatgtt	ccagtgggat	gggaagcagc	agagaccaac	agagtctgaa	120
gaagcaagct	tctgagttat	gaaagcctgg	gttcaggaga	ctaacctata	tgtagggttc	180
taggaaagtc	cagttaaagg	gectactttg	ccactgctgc	ctccttctta	atgctgaacc	240
tcatctccca	caagggggca	gtctcagcag	gtgtcagctg	agccatgtgt	catctgtcca	300
ggctaactgc	ccacacatcc	ttctgcaaag	ggtacctctt	ggttatcagt	gctcactgat	360
ccctatataa	tcagactcta	atccctgtaa	aaagattact	tggtgctagc	caagctagca	420
cctttgggtc	ttcccaaaca	tacaccacta	atccagactc	taataacttc	atttccttta	480
aattacaaga	tcagagctga	aataggcctt	agaaagctag	tctgggctgg	gcgcaatggc	540
tcaaggagg	cggaggttgc	agtgcagcaa	agactgcgcc	actgcactcc	agcctgggca	600
acagagcang	acttcatctt	gcaaaaaaat	aaattanatn	aattaaaaat	ntgaacctat	660
atgggattta	acctcttctt	ctcaattaaa	agttatttta	aaaaaaatgg	caaaaaaana	720
nnanngnnaa	naaaaaaaa	cttcngaccc	ttttnaaact	nttangnggg	gtccnnattt	780
accggtagaa	tccnagnn					798

<210> 3732

<211> 766

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(766)

<223> n = A,T,C or G

<400> 3732

ggnmnttnna	annccntnnt	tgcaaategc	naggctactc	gttctttntg	caggatccca	60
tcgatcgaa	ttcggcacga	gnaatcaata	tttttcaata	gaagtattag	aggttttttt	120
tattgatata	aaaataacaa	ttacagatcc	tgatatatag	aagttattca	aaattataca	180
gttttcaaaa	aatcaagaca	agtaggccca	atacaacta	ctgaatcatc	ttctaatttc	240
cctctaaaa	atattataga	atatgtaagt	agaaaaacat	tcacaccttc	ctcgtctaat	300
tatgatcctg	ccatattcca	ggcacaagag	aaagctctgg	ggcttgagtc	ttaatagggc	360
tgatagtcca	accaggggac	agggtatcat	aaagagataa	ttcaaaactt	taagattgga	420
gggtagggtga	tggtagaaaa	ttctgcggca	aacatttgtt	gatgctcatc	atttggtgat	480
gtcatcaaag	atcaccagg	cataattata	atcaaaatta	gttttattga	tgcttgctgc	540
agcaagagag	actgcacacc	actgggtctt	atgggtgctt	ctcagtggga	aggtgtaagg	600
aggggcttgc	taagaatttg	agcacatgta	gctaatttta	aggagggtc	aagtgcagca	660
agggtttctt	ctggattgag	tgctgtccag	aaagtggatt	gagtgtgca	gaaagtggga	720
gtgattttgc	actgggganc	ttaattttta	tggtgtgggt	gggang		766

<210> 3733

<211> 737

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(737)
 <223> n = A,T,C or G

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<400> 3733
aaatcnncag ctacttggtc tttttgcagg atcccatcga ttcgaattcg gcacgagggg      60
aaactgctaa attaaaatac tacatthttac ggaaactgtg gagctgcctc cttgatagaa      120
tgttaggtct gtttttggtg tcttctgcct atgtctcttg acttgtagtt tcttttggtt      180
caaatcactc tgccctcgta tatacttttg ttagactact tttggtgaag cactctccaa      240
tagaagaaca taatgtggtg tcaattgtgt agggatcgcc caagcgttgt ctagcatttc      300
tgctccccag cagaagccat tttatccagc cagagttgtc cttcacagtt ctagcatagt      360
ctaaactcat tttctcattg ttcataattct ttctctccca cccactctgt cttccctggc      420
aattcaagtt aaattccatc tctcttcttt gagttgctcc cctgaagtaa gatttctggt      480
tcttctggca ttttacctct aaatttatca ataacatggt tattctgctg ttcttaattg      540
cgtgtgtgtg tgtgtgtgtg tgtgtgtgtg agtgatttta atcttctctt gaatttagaa      600
gatgagaatt tagtctttct cctttcccca ttctacatt actcctaaat tgaatcttta      660
atataaaatc atttatthta gtttccagtg tcatcataat tttacctttt ttctactcag      720
gactataatt cccagca                                     737
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<210> 3734
 <211> 743
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(743)
 <223> n = A,T,C or G

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<400> 3734
aaatcnncag gctactngtt ctttttgcag gatcccatcg attcgaattc ggcacgaggg      60
tnaatnntng tttganatca tgcccnagatn ngacntcaag cnatnaagga actgcctnaa      120
tttgccactg gagaaaaatc tctctgagtg gcagatntac taacncagct tttgcnnacn      180
ggtaagggat attatnnnta ccttttnctc taaatatnta tcntctttct naaatgttga      240
ctctggattt aggttnnaaa tgggggtgcag ganagctgga ggnccctncct ctgatngaga      300
ntaaatcccc tactntcatt cagacgntaa agngaaatga ttntctggta tctaattncct      360
ggngntggtt tggatntaat accctcntga agngnaatg actanattct tntgggcatn      420
tnagatgtnt nntaatntt cncctnatnn nctgnagtat cataatcgna gcactttaat      480
gaaagttttc aggcattgcca gatcnggatc tcaancttac aangaacacg tatctntgtg      540
ggcttgaggg aatggcttag ntgataagca tctgttcaat gtaacctnga taaactnagt      600
agnntnacgt tgnnaaactg angcanntga tattcaaatt agnaacntat tcattgtgcc      660
nctntttctt tactccanat gactcttgca naattgaacc nagtggacaa cgccctatta      720
agggtgtccc ananggatgc caa                                     743
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<210> 3735
 <211> 743
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(743)
 <223> n = A,T,C or G

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<400> 3735
ananctacan gctacttggt ctttttgcag gatcccatcg attcgaattc ggcacgaggg      60
tcagtgttgt aattccctat tctagcactc tcaaaagtac cccatctgtt acacatgcag      120
aaactgcagc agcatctgaa atgtccactt cttgattcat tctgaactcc cttaagccca      180
gtgtttgtta gttctcggtc aagtctagga actctgccga gtaacaggta tctcaatttt      240
gccatccttt ctttctgcat agacaggagt gttcttaaatt cttctctgtt aaagcaagtc      300
atctctgatt tccctgagga tcattgctcc cgtatactgt tgttggggtg agccttctgg      360
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tagaggggaa	gagaatttgg	tactaggggt	gatagtcaag	ttactaaggt	tctttatcaa	420
catctcagag	cagaagtttt	gagaggcccc	tgaatcgcc	tgggaatttt	cttcagtga	480
catttttgaa	gactgggacc	agggttgat	taaacttttg	tgatgggtcc	attgtgtctc	540
aacacaacac	tgagcttctc	ctggatcttt	gaaacccagc	agaaactgtt	gctggactct	600
caaattgcc	caaggtagac	cagaaagagc	ctgaaaaccc	gaactccaac	catctttttc	660
tttccttttt	aatgcagaca	tggtgttgct	atgttgagc	gagcccgaga	tcgcaccact	720
acactccacc	tggcgacaga	gcg				743

<210> 3736
 <211> 748
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(748)
 <223> n = A,T,C or G

<400> 3736						
aaatcgctng	gctactcggt	ctttttgcag	gatcccatcg	attcgaattc	ggcacgaggt	60
aagcaatgtg	ggaaagcctt	cagatctgcc	tcaatccttc	aaatgcatgc	tgggactcac	120
cctgaagaga	agccctacga	gtgtaagcaa	tgtgggaaag	ccttcagatc	tgccccacac	180
cttcgaatcc	atggtagaac	tcacactgga	gagaaaccct	atgagtgtaa	ggaatgtggg	240
aaagccttca	gatctgccaa	gaaccttcga	attcatgaaa	ggacacaaac	acacgtaaga	300
atgcactctg	tagaaagacc	ttataaatgt	aagatatgtg	ggaaaggcct	ttattctgcc	360
aagtcatttc	aaatacatga	aaaatcttac	actggagaga	aacctatga	gtgtaagcaa	420
tgtgggaaag	cctttatttc	tttcacttct	tttcgataac	atgaaaggac	tcacactgga	480
gagaaaccct	atgagtgtaa	gcaatgtgga	aaaaccttca	gatctacctc	acaccttcga	540
aaacatggta	ggactcacac	tggtatagaa	caaagcagg	tgaatcacct	gaggtcagga	600
gttcaagact	ggcctgatca	atatgatgaa	accctgtct	cttctaaaac	tacaaaaatt	660
tggccaggcg	tggtggcctg	gcttctgnaa	tcctagctag	ttgggaaggc	tggcacagga	720
gaatcgcttg	gatcttgagg	ggcanagg				748

<210> 3737
 <211> 768
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(768)
 <223> n = A,T,C or G

<400> 3737						
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aattcggcac	gaggtttttt	aaagaacttg	ataaatctac	cttaaaattt	aaataaagta	120
tactgaataa	ctaagtcaac	ttagaaaaaa	aaaagtgtta	tctaagacaa	gttacaaagc	180
catcaccaaa	gcccatgac	cggcagacga	ctacaagcat	agggtcagat	ccatctataa	240
atgagagcct	gacatacttc	atctatagca	aacatgggag	acaaatcagt	ggtaaaatga	300
tacagtgttt	gggaagtgtt	atttgaaaga	tgggcttatt	taatgtatac	agatgaactc	360
aattcctctg	taatagaaac	ttgttctcca	gagagattat	agatctaaat	gcaatgaaga	420
aaataccact	ataaatctag	tactctttat	tgtaattatc	cccaatgggt	atctttactt	480
tctcacttct	tagatgattt	tccaagtttg	tctagtatct	gagttaaaac	aaaattttta	540
actttcttat	aaaacatagc	gtgcccccat	tttagttcat	tttctacata	gaaataaata	600
aaacacttag	ataacagttc	agaaatagtt	aattaaatat	atcccagatt	ccccacgac	660
tggaaaaatt	atatcttcaa	aatacttctg	tctggtggat	atgtgtcttc	taaaaaaaaa	720
aannnnnnna	aaaaaaaaaa	cttcggnct	ntagaacttt	agggngtc		768

<210> 3738
 <211> 770
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(770)

<223> n = A,T,C or G

<400> 3738

gnnnnnnnnn	tttnnnnnntt	tgaanccctt	tgtctngnt	ctttttgcag	gatcccatcg	60
attcgtgacg	agcgactgta	gacgttgcca	gcatgtattg	atcaggagca	gcctgtgagt	120
caagactgac	aacagatcaa	taaatggctt	ttaaaaagca	aaaccctca	agctgtttat	180
ctaggaagcc	tgacaaaccc	tgcccgcagt	ggtgtggccc	catgtgtccc	cagggcctgg	240
ggcccacctc	tgccccagaa	gtcctcttag	tgtctgtaga	caggtcccat	ttccaccagg	300
tcaaccaggg	ctgtggcagt	ggacctggat	ggcaggcaga	gcagaggacc	gctgtttctat	360
ttgttgaagc	aacgaggcac	agtgactgtt	ctagcacagc	tggctgtgag	aaatggcgat	420
gatggatcca	ctttagatcc	gaagtcttag	caaactcagg	cctcttttcc	acagagaatg	480
ttgtgaagac	ctgggaatga	gctgttgatg	tgcattttta	ggatgacagc	ataatggaga	540
aaattggaag	tagcatatgc	caaagtatga	agtgttcaca	cagctccctt	gggttggtga	600
tttatgggaa	gcttttttct	cctttatact	tttatctact	ttctaaatct	gtcaatatgc	660
ttngtcttc	tatgaacaag	aaagaaaagt	ttaaaaaaaa	annnnnnnnn	nnnnnnnnnn	720
naaaaaaact	ngagccttta	aactntnggg	gncgnttacc	taaatccann		770

<210> 3739

<211> 783

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(783)

<223> n = A,T,C or G

<400> 3739

ggnnnnnnnn	nnttngggca	nanggaaacc	cntangcaan	cnactganag	aacccttggg	60
aaggacccca	ncgaancgaa	ngcggcacga	gacanacagn	nnannantta	cacaccgggg	120
ntgggngang	aataangagg	annnaangag	cccctnccg	aggngcccn	aagncngcag	180
aagacaaaga	nccnggnncc	aggccangaa	aggactgaag	naaananngn	aaanaagnac	240
agcngaccct	ngaacaacan	ggaggnnagg	ggnnacagnng	aaaancngca	tgnaagnnga	300
ccngngcagn	ccaaaccnga	gngnaacngc	ngaatanaaag	gggcnnccnn	cngcncanag	360
anagnaccca	natnnacaaa	catgctagag	aaaagcaacn	ggggnaaaac	nngcccccac	420
tagagaaang	gacaggaggg	annaagncac	nnggaaagan	aganagcaga	actaagcnng	480
gnaaaagccc	angaaagggn	gganacnana	aagnagccaa	aacnacncna	gcaaagcann	540
nnaaggcaga	aaacnggggc	aanagnaacn	aacncngggn	gccaccnaaa	aanncnanaa	600
cagggnaaga	anacannnnn	nnacancang	caaaccancc	nnacagaggg	agcnnaccnn	660
gggaagagcn	nnnaaaanggn	acaggncann	nnagaagagn	aanaccnnca	ggcaaaaang	720
gacccaaggg	acanagaaan	acaaannngg	nnnnncacac	acngaaaaaa	anngaagcaa	780
aac						783

<210> 3740

<211> 756

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(756)

<223> n = A,T,C or G

<400> 3740

ttatanatac	agctcttgtt	ctttttgcag	gatcccatcg	attcgtttta	acagtgtgcc	60
tttggggagg	gacccatgtc	catggcttcg	ttgagggcca	tccatatgcc	agctgggggc	120

cagccacag	tggccatatt	ggctgcagca	ggaatggtgc	ccacctcggc	gaattgaagg	180
gctaagagtc	ccagatagct	aggccagagc	tggaagcaga	cagtaagggg	aagagctgct	240
cccacaggag	agggagagat	tccagctcac	tgcgcagcct	gggaggaggc	gtggatcctg	300
gcacgctgag	cctcaggcac	cagcctccct	gtgctcgaca	gcaaagtctt	gactccttcc	360
tgctgagcac	tgtgctacct	tactgctcc	aaagccagac	taacagctct	ccaagccctt	420
ggggtgactc	ggcttccagg	agctgttggg	gaaatgagga	tgtctgtccc	tgtctgectg	480
ggcaggccag	attcctcccc	agcagccggg	tctctccaga	ccctgattcg	gtgcctttct	540
gtttaccagc	tacttcaatc	ccaaagtgtg	aatctgcaga	taccttactc	ccagccactt	600
tgecttctta	ctgtgttggt	tggttttctt	ggtgcttcaa	gancgtgtgc	anggcaaaagt	660
gccccgtact	gggaactgca	ccagatgctc	agacttggtt	gncttatgtt	taccaataaa	720
taaaagtaga	ctttttctaa	aaaaaaaaaa	aaaaaa			756

<210> 3741

<211> 741

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(741)

<223> n = A,T,C or G

<400> 3741

tnaatataca	gctcttggtc	tttttgcagg	atccctcgat	tcgaattcgg	cacgagactc	60
tctctacaac	tgacagagta	aatagacaaa	aaatgtatgg	gggatatgga	atattttatc	120
aacacaaagta	aaaagcttga	tctaacagggt	gggtgggcca	ttctancnac	cannngaccn	180
gnatntaaan	cnnatnangn	tncatccana	ttcattgttg	cntntnnnt	antgatntct	240
gtntnantt	tcanntntac	antnnancnn	tnntnnnacn	naacagncac	tannaggtcn	300
annnagctnn	aattnannnc	tntnannccn	tnncntcnnt	nattntnnnt	nnntntnnnc	360
anactnttnc	antatnatan	ngnatcntnt	actnttntn	nnnnantanc	nnnnnanngn	420
nttntntnta	ctanngnncc	tanttnannn	atcnnntnt	ntacatctnt	nctactnatn	480
atnnncannt	natatatnnt	ntnnnnatna	aaggantnnt	ntncnnantn	cntnnnnana	540
natnctnatn	nnccntannn	ntnannnttn	nnnaananna	tnnnancnnt	tannnnnnnn	600
nnnnannntt	annnnnnnt	nnntntnnnn	ntnnntnnnn	nnnnnnnaan	nggnanannn	660
nnntnnnnca	attntnnnnn	annnnnnnnn	ttannnnnnn	antannnnat	nnntnnnnna	720
ntnannaant	ttnannttna	n				741

<210> 3742

<211> 745

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(745)

<223> n = A,T,C or G

<400> 3742

atacagctct	tgttcttttt	gcaggatccc	atcgattcga	attcggcacg	aggaccacct	60
acggaaaact	gaggcccaca	taagctcgat	tggttgatcc	tccaacagat	atattattaag	120
cacctactaa	atactgagcc	cattgcaagc	accagggaag	cctctgtgaa	cagcacaagg	180
tcctctgctc	ggagattctg	cttcagtggg	ggagacagaa	aataaacagt	ttcccgtcac	240
caatttttct	tggaattgga	cagatggcag	ccaccataat	gatactatat	gtgtccaagc	300
taaacaaaa	cattcacttc	cctgattttg	ataagaaaat	tcctgtaaag	ctgtttcctc	360
tgctctcct	ctacgttgga	aaccacataa	gtggattatc	aagcacaagt	aaattaagcc	420
taccgatgtt	caccgtgctc	aggaaattca	ccattccact	taccttactt	ctggaaacca	480
tcatacttgg	gaagcagtat	tactcaaca	tcatcctcag	tgnccttgcc	attattctcg	540
gggctttcat	agcagctggg	tctgaccttg	cttttaactt	agaangctat	atttttggat	600
tcctgaatga	tatcttcaca	gcagcaaatg	gagttttatac	caaacagaaa	atggccccaa	660
ggactaggga	aatacgggta	cttttctaca	atgnctgctt	catgaatatc	caactcttat	720
tantagnct	tactggaga	actgc				745

<210> 3743
 <211> 754
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(754)
 <223> n = A,T,C or G

<400> 3743
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 ctacatttta catatacagt catctctcag catcccgagg aagattgggt ccaggatggg 120
 ctcaagggtcc tgatataaaa ttgcgtagta tttgtatata acctatgtac atcttctcgt 180
 attctttaat ctctagatta cttataatac ctgatactat gtagatgcta tgtaaataat 240
 tgttatactg tattattttc aaattgtttt attgctattt ttattgcttt tccctgaaat 300
 atttttaatc cacagtaggc ggatgcagaa cctctttata cggagggtcg actgtgtagg 360
 agtgagctag tttcagttaa agcagcgggt gttggtagtc atctctcacc tgccccacg 420
 tagttagct agggcatcag ggagtactga tctctggcat catctgggat caacaggatt 480
 ttctgcctc acaggcctgt gagcacatta gaaatacacc tgctcagctc aagtc aaagt 540
 gagaagcttt tgaatggagt gataaccgag taggcagtat ctaaataaag atgattgggt 600
 caagtctcag tggacaaatg tgtaccgttc tattactgnt gactgtgact ttgaagtata 660
 tggngttcat taagcaaata caatctgatc gtatgaaaag agcaccctaa aaaccaaata 720
 gaaaccattt atcaggactt ttgnagctat gaaa 754

<210> 3744
 <211> 752
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(752)
 <223> n = A,T,C or G

<400> 3744
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 tctggcagtg attcctgaag ggaaaatcat gaacaacacc tactaccagg aatgcctctt 120
 ctacctgcac aactatagca ccaacctggc catcatcagc ttctacgtga ggcacagctg 180
 cctgcgggaa gctcttctgc accttctcaa caagggtggga catggacaca gctcaaaaag 240
 gcagtgcctg ccttactcct ctggcttggg ccactcagcc ttaagcggga caataacccc 300
 ctgacactta accctgtgtt gagctatggg gccatctcta gcagagtcaa gtcaaaacag 360
 gggactctgc acaactgtta ttcagtgagt gtgaaaagtc ttagcctaga tcccaaataca 420
 ctgccctcac cagcaaaggc atgtttcatt ccttctgcca aaacatgcag cagaatcgga 480
 tagtgggtta gagcatgtct ctggaatgag atgctcagtg tgagtcttgt gtggccttgg 540
 gcatattgct tagagtctgc ttccacgcgc ctccctacct ggcctgggat ggtgtccagc 600
 ttctgaccca nctgctggtc cattcagagt tgttactaca agggccagga agtaaccatg 660
 gtgcaaatac tatagttgaa ccccaatag atgatgaaag aagaaaaann nnnaaaaaaa 720
 aactcgagcc tntaaaacta tagtgagtcg tt 752

<210> 3745
 <211> 770
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(770)
 <223> n = A,T,C or G

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<400> 3745
gnnnnnnnnnn ttngnnntnt gaagccttta ntganttccc ttttttgag gatcccatcg      60
attcgagca tccacatgac aggcggcgcc gaagggatcc tgcccctgac tttcatnagc      120
tggtgaacca tctggaattc acaggcctgt catgagagac acgatgagaa gtccttaaag      180
gtagatcact gattcacagg ggagcaggcg gaggcaaggg tgagtcagtg cttggaactc      240
agtcatccag atttggtctt ggaaacttct gaagctgtag cctttgggga tccctgactg      300
cgagtacagg aagccaacgc tatgtggtct tctggaaact cattatcttt ttcactgggtg      360
ctatctggga aaaacagatg aaaacctgaa ggtgttctgt atgtgtgctt tcaaaagcaa      420
ggatctggcc ggacgcagtg gctcaggcct gtaatcccag cactttggga ggccgaggca      480
ggaggatcac ctgaggtcag gagtttgaga ccagcttggc caacatggcg aaaccatctc      540
tactaaaagt caaaaattat ctgggtgtgg tgggtggcac ctgtaatcac agctactcaa      600
gtagctgagg cagaagaatc agttgaaccc aggaggcana ggttgcantg agcagagatc      660
acaccactgn acttcaacct gggtgacaag aatgaaactc cgtctcaaaa aaaaaaaaaa      720
aaaaactcga cttttaaaact atagtgagtc gtattacgta natccagann      770

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<210> 3746

<211> 776

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(776)

<223> n = A,T,C or G

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<400> 3746
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tcgattcgaa ttcggcacga ggctatgtgt tctgactttg ttgattcaaa taagtaagct      120
aaatcaattt aagccattaa taggtttata aagttatttg ctatgtgttg ttcttacatc      180
attgattcat gtaagtagac ttgtgtgaca gctaattctt aaaaaattat gaagatgtta      240
gacttctttt gatatatata tggtgattgt atgaacagat tgacatcaat atacttattc      300
attataaaaag atttgagtgg gaactcacca aatcccacac caaaaaaatt taaaatttta      360
ccatagtaaa aaaaactaaa aagcaagatg aaattataca tagttcttgg tgtagtattt      420
ttaattttta ttatttattt ttatagaaat ggggtctcac cattttgcca ggctgttctc      480
aaactcctgg cctcaggtga tccgcctgcc tcgacctccc aaagagccag gattataggc      540
atgagctacc atgcccggct agtgtagtat ttttaattt tacttaatgc tgagccattt      600
tcaataaacc tcatcacatt gattatgacc tcatgcaaga accatctggt ctatctttca      660
gtgtagttgt ctttaatatc ttagaactat tgcattctgn ccttttttgg gaatggttta      720
tgcttttaca gtcttaacca ttgcttctta atatcacttt ccgcggnaca actggg      776

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<210> 3747

<211> 960

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(960)

<223> n = A,T,C or G

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<400> 3747
tannnnncnn nnnnnnnnnn nnnnnnnnan nnnnnnnnnc nnacnnnnag gnnnnnnnt      60
cnnnnnnnnn nnnnnnnnnn nnnnnntcnn nnnntnnnnn nnangtannt nnnntntnnn      120
nnnnnannan ngngngnnan ttnccaaaa taccnagtt ttctaaaatn ccttgggcnn      180
aatccgcac tcgngcaag gcgaccntc gnattccgna attcggnac gaggggcaag      240
gagtatngan ttcatcag gaatttntt cangcaattt natcaatctt attcttgaat      300
tntattcacc aataatggct cgccatngan gagtntaaag tnaggaaaca nngctatcct      360
tattcacatt ttgcaaagtt cctccatggg ctactatgat gantaatcaa ngncangng      420
gaggtaanaa gtgaactngg ganactngtt gaccacnca ctcaatcccn cngatantgg      480
caccatntac tnanggnnnn acnnatcnnn atnacattaa gaggatgntt acncctgata      540
tggtgactgg cttgttgga ggacctatg ctggaacatg cttccattgc caagaaagga      600

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gctacaggtn	aagagacact	agntnaccnt	atgatngccg	gnttccagcc	tggcataatg	660
gnganttgcn	nntgacntna	atagcatntc	ntgcnacaat	ngaactnnca	agatagaana	720
agcaannnga	agggaaatcnt	tgcntgcttt	aacccttact	catcnaaang	gcctctcnta	780
ctncāaagaa	tttacanatc	cngcttacc	tttatcaacn	ccaatgctgc	ttaccgtnng	840
tnaaccaccc	aannttgntc	ttaaaataac	cacaangntn	ncnaaaangc	cnaaaactcn	900
ancctntaga	actataagtn	nntcaagatc	cctatnatcc	atncttgata	aatanacggn	960

<210> 3748
 <211> 758
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(758)
 <223> n = A,T,C or G

<400> 3748	
ttnnnaatnn	ncantctctt
aggtgacaca	gagacagaga
ggatcagggg	ctagtctgaa
aatgttttcc	acataggtcc
gggacttctg	cacaaccatc
gttaaaggaa	caccacacac
aaatgaccag	aatgtcttat
aatcaagttg	agttggctaa
atgaccaaga	ttcaggagaa
atgatacaga	agcagaaaga
gagatgaaaa	accaagctga
agacaggaaa	aaaaaaaaaa
tgagtcgtat	acgtagatcc
	agacatgata
	agatcctt
	60
	120
	180
	240
	300
	360
	420
	480
	540
	600
	660
	720
	758

<210> 3749
 <211> 771
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(771)
 <223> n = A,T,C or G

<400> 3749	
gnnnntnnnn	nngnnnnnttt
cgctgtagtc	ctattttgcc
tgctgcctca	taattgatta
aattaatgta	cttagttaa
tggattat	ttagattttt
gaaaaagaat	accatgcaat
ttgttgtggt	ccatatttaa
aatatagttt	tggttat
tatgaaatga	ggaaaaatca
gtgggaaagg	gaagtcagag
agtgaagaa	cctaagattg
gtagtagagg	ctctataaat
atattgcccc	aggagtttaa
	agctgcagtg
	ccctgtggtt
	gcacctgtga
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	60
	120
	180
	240
	300
	360
	420
	480
	540
	600
	660
	720
	771

<210> 3750
 <211> 766
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(766)
 <223> n = A,T,C or G

<400> 3750
 tgnnnngtttc naatagnnag ctcttggttct ttttgtaggg atcccatcga ttcgaattcg 60
 gcacgaggtg aattcctcag caccaagttg tttaacacag aagagaggtg gaaacaaaaa 120
 atgcttggtt tttactggct ttcttttagc atttctgtct agtcgaaatg ggggccaggc 180
 ttgcacacat agacaactga attaatgtaa ccggacctat tccatctagg ctgacctctt 240
 gaaagatagg aggggaagtc taaaacagga gaaaagtttt agaaatcctt tggattaggc 300
 ttaccagat tagtggtatg taaaatatta tgatattcct agtggtttcag gattatggat 360
 tttagtaaaa gcagaaaaaa ataaattcct gtttaactga atctataatg gcaccagtgg 420
 tttggaaaca tttctgagtt acttgatttt atgtgaaaaa atctggaata acttttcctt 480
 ttttccttta gaccattttt cttttattta acctaaccg agccacttta taccaatttc 540
 aacaatattt ctgaattcct gtgatctttt atttcctttt tgctgctttc agctgtggtt 600
 ctctccactc taagctcatt aaagttaaaa aaaaaatagg agattggacc catttttttt 660
 tctgaggagt gtggccgttt aacaccctgt ggtggctcag gatattttta gtagtatttt 720
 cagctttcta gaantggttg ncttanttag naaatagtta tnggaa 766

<210> 3751
 <211> 771
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(771)
 <223> n = A,T,C or G

<400> 3751
 aggctncttg nnnnctantg aagcctttgc tactagctna gctcttggtc tttttgcagg 60
 naccatcga ttcgaattcg gcacgaggca tagttggaag ttaagggtga aaagagagat 120
 aggggaaaaac aggtggaata atattgaaaa ttggatcaag aatatagggt taggcgttag 180
 ccatttttatc ctgggagaag ggaggaaatg aaatanaaac aggaatagat agacgttttg 240
 aggcgaagg aatgaatcca gcctgctctg tttagtgatg tagatgagat cacctgggaa 300
 ggcataaatg ggcgggcaga gtggggtagt gacttcagaa gagtaataag ggttgaaaag 360
 cactgctggg tgagggggaa ggaatgtcca taacctgact ccagcttcct ttagaataat 420
 taacacacgt tacactcctt atttaaacag agatcccaag atcagataaa tccataatta 480
 cttatttggt gtaccacaaa aatactatag gggctctgct actttctctt gaaagcatcc 540
 ccttggtaat tattctttta tgtttctcta attgcatgct ngagaaagca tctgtagat 600
 gcaactagtc tttagaccct gaacacctgc agatcttggt gatgcatgcc caagttcaga 660
 aagctctgaa agaagttgct ttaaaganga taggccatgg cttttcagat acngaccttg 720
 aatctgtagt ggttcctang tttccaatcc taacattacc cacttggtaa g 771

<210> 3752
 <211> 747
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(747)
 <223> n = A,T,C or G

<400> 3752
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 gaattcggca cgaggccaca tagcaatggg ntaactgcag gactcaggtc cacttgccca 120
 gcagctggca ggggaagggc atgaggcagt agagtcctta caggccaaga aactgagcag 180
 aacccatgcc tccagctcac cagctgcatt gaagccccca gctggcaggg agactgctgt 240

gaatggacag	ggtgagctca	tccccttgaa	gaacattgag	ggagaattgt	caagtgctat	300
tcacatgacc	aaggatgcc	ccaaggaggc	tctacatgcc	accatggacc	tcaccaagga	360
agctgtgtcc	ctgactaagg	atgccttcag	tttgggcaga	gatcgaatga	cctccaccat	420
gcacaagatg	ttgtccctgc	ccccagccaa	agtctggtcc	agaatctggt	ccacaggatc	480
tctttcaa	gtctcagata	atgctggtgt	tcaagggagc	cctcttggtg	ataattatgg	540
ccaggggtca	ccagcagcca	acagttcaat	ttcacccagg	ccctggaccg	ccaaacagct	600
actcanctgc	ttaactggcc	cacaagtaca	gaccagagac	aaagcaagag	aagaagcaga	660
gactgtttgg	cccgggccc	agaagaagct	tgctggcnaa	ggggacgttc	caacgaagag	720
accactgtcc	ttcgagcagg	anttaca				747

<210> 3753

<211> 683

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(683)

<223> n = A,T,C or G

<400> 3753

ggatgaacat	ggcatcatat	gattagaaaa	ccaaaattca	tttttgatgg	ctgttggtggn	60
cagatcgtgt	cctctaaaat	ttatgtgctg	gaaacttaat	ttctagtgtt	aacagtgccg	120
agaggtaggg	gctttgggaa	agtttaatgg	attaatgccc	acataaagg	gcttggttga	180
gggaatttgg	gctctttgtt	gccccttcca	tcctttctac	catgtgagga	cgccacactc	240
ctcccctttg	gaagatgcag	caaacaagg	gccatcttgg	aagcaaagac	taagctctta	300
ccacacatcg	aacctgttgg	tgccctgatc	ttggactccc	agcctacaga	actgtgagga	360
agttaagttt	ctgttattta	taaaattacc	aagtntcagg	tattgtgtna	tagcaccata	420
aatggactaa	anacaatgcc	aaaggtggca	cttgccatan	aactgctgcc	gatgatata	480
actctttgct	ttccagagtt	aaagcttgg	attctgatgg	ggttgattct	cttttggtgn	540
ggacccttgt	actggttnt	attataatag	ttcttttcta	atntttaagc	cgggccccna	600
tggctcatgc	ctttaatccc	agcactttgg	ggaaggccaa	ggcnggccn	attcaccagg	660
tccaggagnt	caagaccatn	cnn				683

<210> 3754

<211> 752

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(752)

<223> n = A,T,C or G

<400> 3754

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gaagatactt	accccccaat	tgctgagata	tttgaataaa	agtatatgtg	aaggattttg	180
taattataga	atgtcctaca	aatatgagta	gttcgtttgc	tacttttttg	gcgaagaaaa	240
atattgggat	gcatgaataa	tatctaccta	aggtaccta	ggttgatttc	atcccattta	300
ttgaatgcc	aggatatacc	agctactgct	ccagatgttg	tattcaggga	acagaagaag	360
agtccctgtg	cccatggagc	taacagcatt	ctaggggagg	aaagatgggt	cagctgactt	420
tcacgatctc	aggtactgat	gaagattgtg	aagattatta	catcaggtga	atgtaggggt	480
gatttagaga	aagctggtag	ctaggctgtt	caagggaagg	cctctgtgag	aaaggggatg	540
gttggtggg	tgtggtggtt	cacgcctata	atcccagcac	tttgggaggt	tgggagtttg	600
agaccacctg	ccagcatgga	gaaaccccg	ctctactaaa	aatncaaaat	tagcccgga	660
tgggtggcaca	tgctgtaat	ncangctacc	tgggaggctn	angccgggag	aattgcttga	720
accccgagg	gcaaagggtg	taattgagcc	ct			752

<210> 3755

<211> 760

<212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(760)
 <223> n = A,T,C or G

<400> 3755
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 agtttgtaaa cgggtgtttt tgtccttgtt attgaagtat acaactctgc ttagccaaac 120
 ataccaagca acagacagaa gcgtcacttg gagagaagaa gaaagggta actggcagag 180
 ctactgtaaa agaaggatag aggagggtaa gtttgaaagt ggccatgggc aagaattttc 240
 tccagatagc tcttgattat aatctctctc acctggatta tttcccatct cctgacagtt 300
 tgttctcaca taactatcag cagtcctctc aacacagaat cagaccatgt ctctcctctg 360
 ctccaaccct ctgaggctct ccctctccct ctggataaca ccctgcatga cctggccctc 420
 ctatcccact gctcctcacc gcgtcattc caactctcct gttctccttg ctatttttca 480
 tatgggcca gcaagcacgt gcctcacaac ttgtgctctt ggctgtctgc tgcctgaaac 540
 tttcttgctt caggtagtct catggtttat gccctctcct ctttcaagac ttggttcaag 600
 tgtcaccatc tctgtgaggc cttctcagat cacctagtcc tgacacatac tagccttctt 660
 tcctactttc tncactgnac tcatcatctg ctaatgngct actgggttgca tattgcattt 720
 aatgncgtgc ccgttggtca tgctggtttg gggngggggg 760

<210> 3756
 <211> 756
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(756)
 <223> n = A,T,C or G

<400> 3756
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 atgtcaggcc tctgagccca agccaagcca tcgcatcccc tgtgacttgc atgtatacgc 120
 tcagatgggc ctgaagtaac tgaagaatca caaaagaagt gaaaaggccc tgccccgctt 180
 aactgatgac attccaccat tgtgatttgt tcttgcccca ccttaactga gtgattaacc 240
 ctgtgaattt ccttctcctg gctcagaagc tccccactg agcaccttgt gacccccgcc 300
 ctgcccacca gagaacaacc ccctttgact aattttccat taccttccca aatcctataa 360
 gatggcccca cccttatctc ccttcgctga ctctcttttc ggactcagcc cacctgcacc 420
 caggtgaaat aaatagcttt attgctcaca caaaaaaaaa aaaaaaaaaa aggataacaa 480
 cctgcttggc aagtttgaac tcacaggcat acctcctgca ccccgaggtg ttcctcagat 540
 tgaagtcact tttgacattg atgccaatgg tatcctcaat gnctctgctg tggacaagag 600
 tacgggaaaa gagaacaaga ttctatcact aatgacaagg gccgttgaca aggaagacat 660
 tgaacgtatg gccangaagc tgagaagtcc aaagctgaag atgagaagcn nanggacaag 720
 ngtatncaag aattacttgg tctatgcttc aaaaga 756

<210> 3757
 <211> 763
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(763)
 <223> n = A,T,C or G

<400> 3757
 tnnannatca gctcttgttc tttttgcgga tccctctatt cgctcagaac cactctgtcg 60
 tttttaagca ggttcacaca ctctagctca ctgggtccat tttaatttct attaaacatt 120

tttttttttt	gcaaatgatg	tagtaggaga	tccaaggtgt	ttgggtaatg	atttattcac	180
tcattagtca	ttccacaaac	ttgtcttgag	cacctgttat	gtaccagca	ctgtgctgga	240
atgctgagga	gacaggagt	aagtaaaaag	acatggttcc	ggcaggaaac	aggcaaggag	300
agccttgact	tgacggagtc	tggtatatac	gccaggctgg	aatgcaatgg	cgcatctct	360
cctcactgca	acctccgcct	cccgggttca	agcgattctc	ctgcctcagc	acctcgagta	420
gctgggacta	caggcgcgcg	ccaccacgcc	cagatgagaa	aactgaggca	cagagagggtg	480
aaataagtga	gatgctacct	acctatgcag	agctggaaaa	gattttgcaa	cctgaaaacc	540
caatcctttc	tgagatataa	aagaacagaa	gagtcctgaa	gtgatttctt	cggagaaatt	600
cattttctta	ttccagagaa	gaaacttcaa	gctcagaata	ttggctacta	cctgngataa	660
acatttaaat	tattgggaac	cagagagttt	ttatactaaa	ttgnaagaa	caattttttt	720
atcaaagacc	aancccgaaa	ttcttgaccc	tcttgggatt	tca		763

<210> 3758
 <211> 806
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(806)
 <223> n = A,T,C or G

<400> 3758						
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ccncatcgt	ccctcattac	tcgggtttca	tattttgctg	nttttgatgg	acatggaang	120
aatncnagcg	tcaaaaannng	ctgaacannn	ttggcatcaa	aatttnntca	gaaaatttcc	180
taaaaggagat	nnaatcaagg	gccnnaanac	cgcnaanaga	tgctcttgn	acactaanca	240
agcatctnnt	gangagnnnc	ttaaacangc	ttccagncag	aancctgcct	ggaaagatgg	300
gtccactgcc	acntntgttc	tggnrtgtga	cnccattnnt	tatattgcca	acctcnnnna	360
tagncgggca	aacttgtgtc	gttataatga	gganagtcag	aaacatgcag	ccttaagcct	420
cagcaaagag	cataatccaa	ctcagtatga	ngagcgnat	gaggatacat	taaggctgga	480
ngaaacgnta	gggatgggcg	tggtgncggg	cngtgctata	gggttnactc	tgcatagnng	540
acgtcagacc	agnactttcg	atttaccctn	tgatnngccg	acatnagant	tctgcccngc	600
tgacacccaa	ttgacangnt	tnntttncat	tnncntgtat	tatanggcnc	ttaaanggat	660
ttcctcntcn	ngatnatanc	ctattnnccc	tnatacntng	gtntatncta	ntnnntnntg	720
cntnanttnt	cncttgantc	anctcntaaa	cnttnggnaa	ntctttttan	ctctctngta	780
ngtcttattc	tctantatt	nccncc				806

<210> 3759
 <211> 802
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(802)
 <223> n = A,T,C or G

<400> 3759						
ttcaaatccc	nagcttctaa	gttctnttgc	aggatcccat	nnattcgaat	tcggcacgag	60
gcttcgtgtg	ctactgcgaa	ggggaggaaa	gcggtgaggg	ggaccgcggc	ggcttcaacc	120
tctactgtac	cgacgcgcg	gagctttgga	gcacctgctt	cacgcgcggac	agcctgncgg	180
ncctcgtggg	taactgggcg	ggctctggag	ccgtcacacc	cctccttgca	ntgcagatcg	240
tctatggggc	gacagacatc	tggtattccc	cagaaggctc	tgacaccctc	tgcccgcctt	300
gtagctgnag	tcctcccatt	ggctagggct	cttggggctg	ggcaggtttn	gggtgcccc	360
agtgggcctc	gggttncagg	cagctcgtga	caagcccctg	ngctctctag	aaagcccgtt	420
ntggcctgag	tgcnngtgag	gacatnacc	cccggttcag	gtgagaccca	acagggagga	480
aggacngatg	ggnagganga	ngggtctgcc	acagctctcc	cgtacctttt	ctatnccagg	540
gcagcctgtg	agcagcaagc	ctgtggctct	gacttctgca	cgaangacan	aagcnattcc	600
ttgacgcttt	tcaagggggg	ccctaancac	ttggcctttg	gacctcttca	angntaccag	660
gcccgaatag	gcnagccccc	aangctgang	ggccgcttta	cactggggcc	tnggcaaaaa	720

cncgtnttgg aaccttgtaa cnggnnaact ggnaagcttc acnaanaaga caatttntta 780
nnnccnnggg aaaaagcccc cc 802

<210> 3760
<211> 772
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(772)
<223> n = A,T,C or G

<400> 3760
gnmntttnan ntancagttt gaaacccttg gcggaaccctc gattcgaatt cggcacgagg 60
tgtttcttct acctcccctg ca'caacattg tttatatgct tnctaaaatg taacttcttt 120
agattctggt gttacgtgca acactgtata tctctccata gcacttaatc agagtttgta 180
attaggcatc tttttgtgtg attatttggg aaatgtccat atcccctact agcctataag 240
ctccatgact tctaggtacc ctgtctgact acgtgtatca ctgtttctac cgcctaacat 300
tgcctagcac attcattgct tcacaggcat ctgaatattg ttttataaaa tacattgctc 360
tagtgacacag gattttaagc taaggatttc atgaatggga tttggggtag gggcatctat 420
gaaattcctg aaattgtgta gaattttgag aatatgtgtt ttcctgggga tagagtatgt 480
agtttctcag caactcatta cagtctgtca catcatgccc taattctact tgctgtagc 540
taaacaccta ataacattag aactgaaatg atagtatat gcaagatagc acgtgtggtt 600
tccacatatt ctaagaggca tcttcaatta gattccaaaa aaaaaaann nnnnnaannn 660
naaaaaaact cgagcctnta aaactatagn gagtccgatt cgtagatccn gacatgataa 720
gaancattga tgaagtttgg acaaaccnca acttggaatg ccntggaaaa aa 772

<210> 3761
<211> 771
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(771)
<223> n = A,T,C or G

<400> 3761
tttaaganca gctcttgttc tttttgcgga tccatcgatt cgaattcggc acgagcctcc 60
accaaccccc cagtcgtctg ggatggacaa ccatttggag gagctgagcc tgccggtgcc 120
tacatcagac aggaccacat ctaggacctc ctctcctcc tcctccgact cctccaccaa 180
cctgcatagc ccaaattccaa gtgatgatg agcagatag cccttggcac agtcggatga 240
agaggaggaa aggggtgatg gaggggcaga gcctggagcc tgcagctagc agtgggcccc 300
tgcctacaga ctgaaccacgc tggctattct ccacatgaga ccacaggccc agccagagcc 360
tgtcgggaga agaccagact ctttacttgc agtaggcacc agaggtggga aggatggtgg 420
gattgtgtac ctttctaaga attaaccttc tctgtcttta ctgctaattt tttcctgctg 480
caaccctccc accagttttt ggcttactcc tgagatatga tttgcaaattg aggagagaga 540
agatgagggt ggacaagatg ccactgcttt tcttagcact ctctcttccc taaaccatcc 600
cgtagtcttc taatacagtc tctcagacaa agtgtctcta gatggatgtg aactncttaa 660
ctcatcaagt aaggnggtac ttcaagccat gctggcctnc ttacatcctt tttnggaaca 720
gagcacngna taaataatta acttaataat aatatgccca aaaaaaaaaa a 771

<210> 3762
<211> 764
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(764)

<223> n = A,T,C or G

<400> 3762

cagctntngt	tctttttg	gatccctcga	ttcgggagag	aaaccttatg	gatgcattga	60
ctgtggcaag	gccttcagcc	agaagtcttg	ccttgtagca	catcagagat	atcatacagg	120
aaagactccc	tttgtatgtc	ctgaatgtgg	gcaaccctgt	tcacagaagt	caggactcat	180
tagacatcag	aaaattcact	caggagagaa	accctataaa	tgcaagtact	gtgggaaagc	240
cttccttaca	aagacaatgc	tcattgtaca	tcacagaact	cacacgggag	agagacccta	300
tggtgtgat	gagtgtgaga	aagcttactt	ctatatgtct	tgcttgttta	aacataagag	360
aatacactca	agggagaaac	ggggggattc	agtgaagggt	gaaaatcctt	ccacagcaag	420
tcacagctta	agtcctagtg	aacatgtgca	ggggaaaagc	cctgttaata	tggttaactgt	480
ggcaatggtg	gcagggcagt	gtgagtttgc	ccacatcctg	cattcatgat	aaacagtttg	540
ctgtttgatc	atatagcctc	caacggaatg	ctgagtttgt	catgtcccat	gggccctttg	600
gctccctgca	ctaatatgta	tagtangggg	ttacaagata	tgaaaatata	ttttactttt	660
tttatatctt	ataaacctca	ctacccttc	cacaatattg	gttttcattt	actatcttga	720
catagagttt	ggcttgggga	agggggcagt	tttaaangct	tccc		764

<210> 3763

<211> 764

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(764)

<223> n = A,T,C or G

<400> 3763

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ctgtggcaag	gccttcagcc	agaagtcttg	ccttgtagca	catcagagat	atcatacagg	120
aaagactccc	tttgtatgtc	ctgaatgtgg	gcaaccctgt	tcacagaagt	caggactcat	180
tagacatcag	aaaattcact	caggagagaa	accctataaa	tgcaagtact	gtgggaaagc	240
cttccttaca	aagacaatgc	tcattgtaca	tcacagaact	cacacgggag	agagacccta	300
tggtgtgat	gagtgtgaga	aagcttactt	ctatatgtct	tgcttgttta	aacataagag	360
aatacactca	agggagaaac	ggggggattc	agtgaagggt	gaaaatcctt	ccacagcaag	420
tcacagctta	agtcctagtg	aacatgtgca	ggggaaaagc	cctgttaata	tggttaactgt	480
ggcaatggtg	gcagggcagt	gtgagtttgc	ccacatcctg	cattcatgat	aaacagtttg	540
ctgtttgatc	atatagcctc	caacggaatg	ctgagtttgt	catgtcccat	gggccctttg	600
gctccctgca	ctaatatgta	tagtangggg	ttacaagata	tgaaaatata	ttttactttt	660
tttatatctt	ataaacctca	ctacccttc	cacaatattg	gttttcattt	actatcttga	720
catagagttt	ggcttgggga	agggggcagt	tttaaangct	tccc		764

<210> 3764

<211> 802

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(802)

<223> n = A,T,C or G

<400> 3764

ttctaagtct	tggntctcga	tcttttggtca	ggatccctcg	attcgctgag	aaaatcatag	60
agatcctgga	gagcgggcat	ttgcggaagc	tggaccatat	cagtgaagac	gtgcctgtct	120
tggagctctt	ctccaacatc	tggggagctg	ggaccaagac	tgcccagatg	tggtagcaac	180
agggcttccg	aagtctggaa	gacatccgca	gccaggcctc	cctgacaacc	cagcaggcca	240
tcggcctgaa	gcattacagt	gacttcctgg	aacgtatgcc	cagggaggag	gctacagaga	300
ttgagcagac	agtcagaaa	gcagcccagg	cctttaactc	cgggctgctg	tgtgtggcat	360
gtggttcata	ccgacgggga	aaggcgacct	gtggtgatgt	cgacgtgctc	atcactcacc	420
cagatggctg	gtccaccgga	ggtatcttca	gccgcctcct	tgacagtctt	cggcaggaag	480

ggttcctcac	aagatgactt	tggtgagccc	anaggagaat	ggtcagcaac	agaagtcttg	540
ggggtgtgcc	cggcttccaa	ggccatggcg	gcggaaccgg	gcgcctggac	atcatcgtgg	600
tgccctataa	gcgagttttc	ctgtgccctg	ctctaactta	cccggctttt	gacacttcaa	660
ccgcttccat	gcnaaccct	tgcccaaaaa	ccaaagggcc	ttgaagtttt	ntcatgaaca	720
ntgcccttca	accacttgnt	gtgggtccc	ggaacaaccc	atgggatnna	aaggngngg	780
ccttgnccca	aattgcttnn	cc				802

<210> 3765
 <211> 744
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(744)
 <223> n = A,T,C or G

<400> 3765						
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tgtctcaaag	attaagccat	gcatgtctaa	gtacgcagg	cctgagtctn	tgccctcgtg	120
ggcgttgagt	gacactgatt	ctcgcgtgtc	tccggcctct	ccggcaggga	gtcctancgc	180
agactttgcg	gntcatggag	agtctctggg	agacaggcac	ctgcggacgc	tgagataaag	240
ttacgacgca	ctgaaagatg	aaaattctaa	gctgagaaga	aagctgaatg	aggttcagag	300
cttctctgaa	gctcaaacag	aaatggtgag	gacgcttgag	cggaagtatt	aagcaaaaat	360
gatcaaggag	gaaagcgact	accacgacct	ggagtcggtg	gttcagcagg	tgagcagaa	420
cctggagctg	atgaccaaac	gggctgtaaa	ggcagaaaaac	cacgtcgtga	aactaaaaca	480
ggaaatcagt	ttgctccagg	cgcaggctcg	caacttnnag	cgagagaatg	aagccctgcg	540
gtgcggacag	ggcgccagcc	tgaccctgtg	tgaacagaa	nccgacgtgg	ccctgcagaa	600
cctccgggtg	gtcatgaaca	gtgcacagct	ttcatcaagc	actggtttcc	ggagctgaga	660
cctgaatctt	gttgccaaat	ccttaaactc	attgacncaa	tttctgaagt	ttaaagaccan	720
gaggaagact	nttgaggccc	tggn				744

<210> 3766
 <211> 746
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(746)
 <223> n = A,T,C or G

<400> 3766						
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cttaccgtga	tgacgcattt	gctgagtgg	ctgaaatggc	ccatgaaaga	gtaccacgga	120
aactcaaatg	caccttcaca	tctcccaaga	ctccagagca	tgagggccgt	tactatgaat	180
gtgatgtcct	tcctttcatg	gaaattgggt	ctgtggccca	taagttttac	cttttaaaca	240
tccggctgcc	tgtgaatgag	aagaagaaaa	tcaatgtggg	aattggggag	ataaaggata	300
tccggttggt	ggggatccac	caaaatggag	gcttcaccaa	ggtgtggtt	gccatgaaga	360
ccttccttac	gcccagcatc	ttcatcatta	tggtgtggtg	ttggaggagg	atcaccatga	420
tgccccgacc	cccagtgtct	ctggaaaaag	tcattcttgc	ccttgggatt	tccatgacct	480
ttatcaatat	cccagtggaa	tggtttttcca	tcgggtttga	ctggacctgg	atgctgctgn	540
ttggtgacat	nccagaggc	atcttctatg	ccatgcttct	ggccttctgg	atcatcttct	600
gtggcgagca	catgatggat	cagcacgaac	cggnaaccaca	tngcanggta	ttggaagcca	660
agtcggccca	ntgccgtngn	tcttctgnct	ttcatatttg	acatgtgtta	aaaaanggg	720
ccaacttacg	aatncctttt	acagtt				746

<210> 3767
 <211> 749
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(749)
 <223> n = A,T,C or G

<400> 3767
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 atttataaaa caaaaattta ttttgcaca ggaggagaat tagcaggatg taaaataaaa 120
 atgaaagacc ccaatgggga gaatatTTta aatgtcttgc agggagtgga agaaagcttt 180
 gcttaaaaat gtcaccatat gctaactata tacagcactt caagtttatt tattgttaaa 240
 gcctcatgta aatcacgtca ttctgaaaat catggaaact gcacatttgt gcattaaact 300
 atgtaaaca caaaaactgg tcatccgtcc aattgttgct tcacttattt tgaattatag 360
 tgcaattttg tggagggtga aatggggatt acacaatata gcgatttcct gttaacacct 420
 acatttttgc tgatcaagca aggtctgttg gtgcgagagc ttaaccttta ttttatttcc 480
 aaatgtgttt tttattccga gtcccggttg tgtctatggt ttcacttttc tccatgagcc 540
 acatgttaaa gcctgccttg actaaatgaa ggagtgttaag cagtgggata gacattgcag 600
 gcaggcgaaa ctgggataag ccccagaatc ttttgaacct atcagtaata ttactaacag 660
 gggagaaaagt ataaaagtga gcccttcaag tgctctagtg tacatgtcag aattnaagca 720
 cgagttncac gggatggctc acccccttc 749

<210> 3768
 <211> 759
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(759)
 <223> n = A,T,C or G

<400> 3768
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 cagtgaagtgc tgatcggtgc actgcactcc atcctgggtg gcagagtgcg gccctgtctc 120
 aaaaataaaa atccagtgcc ccccaagaaa gggagtgaag tgctataatg agaaaaatcc 180
 tagtacctaa catatagtag acagtggaga gtgggttctct ttcgttntctc aggggcagac 240
 agattgggtg ctggagtcct ctatcaaaga gtcagagctc tatcccgat gtgtaatgaa 300
 cgtggtcaca gacatattgt ccattaccat ttaccttccc tataaccact gtgcctccag 360
 cctttagtaga tagacacata ggagcgcagc aatacgtcta aaaataggag tgagagaggg 420
 cagggcatgc ccgttcttgn ggtagaagaa aagaatgtca aagaaagcag ctgggactaa 480
 tgaactttac attagccata ttccattatt tcagcttaag tcaaagtgcg gtccctcatga 540
 ggcaactggc tttagacagga gctacgctaa ttaccattta ccaaccttta atttctgggt 600
 aaaagcaaaa gacaaaaact aatggatttn tcatttttnc cagngacaag aattaaataa 660
 tagtangtct gtcnaaaaaa aacaaaattn aaactcgagc ctntagaact ttngngagtc 720
 gtattacntt agatncagac ntgatacgat accatggan 759

<210> 3769
 <211> 754
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(754)
 <223> n = A,T,C or G

<400> 3769
 ttgcnaatgc taggctactc gntctttttg caggatccca tcgattcgaa ttcggcacga 60
 ggagccacca tgccctggccc atcgtntcat ttgaccttg caacacccta tgagaatatac 120
 cngatcgaac gatntcacag atnatccata gtgatactca gtaacggnt ggtctgcca 180
 gacttgaacc caccattctt gttactnnct tgatnncttt aanactgggt atnnnnngcc 240

agtntggnat	ggngcnnaaa	atangatgtn	ngnttttttg	angtannann	tgctacaggc	300
ntnnactnta	tnatctnagc	natagcnagt	ncaagttnnga	ctgattnagn	atacacnnng	360
nngtgttant	ngctaaaata	ttgaaanaac	tttnattctg	gntggagcnc	gtnnngtntc	420
ccaaatatga	acaaccaana	tctgaaatgc	tncaaagctg	gaaactttta	gagtgnttnt	480
gantgccngc	caacatgaca	tgcaaganaa	acattnatth	ggagcatttn	ggattgtgna	540
tattnagatt	ngggatgctc	antangnatt	aatgcanata	ttncaaaanc	cncgccttcn	600
gacccagcng	aaanaaaaaac	caaaaanccca	naataactgn	gntcnccaag	cattcatgaa	660
aaaaatgatn	cttaacctng	naaatagctt	tgncccaacc	cncnnaagtt	tctttntcta	720
cttccttggc	cantttnaac	attaggaacc	ccct			754

<210> 3770

<211> 752

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(752)

<223> n = A,T,C or G

<400> 3770

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ggctggaagc	cctacccatg	tcagggaatg	tctgggcctc	agatttttat	tttctagaat	120
gaagatactt	accccccaat	tgctgagata	tttgaataaa	agtatatgtg	aaggattttg	180
taattataga	atgtcctaca	aatatgagta	gttcgtttgc	tacttttttg	gcgaagaaaa	240
atattgggat	gcatgaataa	tatctaccta	aggtaacctaa	ggttgtattc	atcccattta	300
ttgaatgccca	aggatatacc	agctactgct	ccagatgttg	tattcagggg	acagaagaag	360
agtcctgtg	cccatggagc	taacagcatt	ctagggggagg	aaagatgggt	cagctgactt	420
tcacgatctc	aggtactgat	gaagattgtg	aagattatta	catcaggtga	atgtaggggt	480
gatttagaga	aagctggtag	ctaggctgtt	caaggaaggg	cctctgtgag	aaaggggatg	540
gttggtggg	tgtggtggtt	cacgcctata	atcccagcac	tttgggaggt	tgggagtttg	600
agaccacctg	ccagcatgga	gaaacccctg	ctctactaaa	aatncaaaat	tagcccgga	660
tgggtggcaca	tgctgtaat	ncangctacc	tgggaggctn	angccgggag	aattgcttga	720
accccgaggag	gcaaagggtg	taattgagcc	ct			752

<210> 3771

<211> 761

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(761)

<223> n = A,T,C or G

<400> 3771

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gtgctttcca	gctcagggcg	ttgggtccact	tgggtattct	tggggaccaa	aatccaagct	120
aggatgggga	cagaggcctg	gagacaacct	gctggcctcc	ttccattaaa	gccattacag	180
tgtcaccaca	ggattgtaag	aattacaaat	gcgttttcca	gagtccccag	agaaaaagga	240
gtctggcagt	tagaagagta	aagtgcattc	gtcaacaaaa	gaaataccaa	agatgagact	300
acagcagcga	cttgtaacac	cttcctgtgt	gctactgcct	gagaacagag	gttttttagtt	360
tctttaaaag	gttgtaaaaca	taaaaacaaa	gaaggataca	acatgcaagg	cctaaaatgt	420
ttactttctg	gcctttttaca	caggcagttc	gccagccccc	taccctacag	tatggaaaaa	480
aggcatagaa	cagtcaaadc	acgtaggatt	tcttggtttc	tccatgcagg	ctcatcgaat	540
agcaaccatc	ctttcttagt	ttcttgaaac	aagtacctta	tttacattca	gagaattata	600
tgtggacaaa	cagctcataa	gcccgtactt	ttacatactc	acttcctgaa	ttgcatattg	660
aaaaagagag	ttcatgtaaa	gcccgtattat	tattttaatct	aaagtttatgt	tcacatagga	720
agcactatgt	agagaaatag	ggtctgangg	acaaggagcc	t		761

<210> 3772

<211> 761
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(761)
 <223> n = A,T,C or G

<400> 3772
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 gtgctttcca gctcagggcg ttggtccact tgggtattct tggggaccaa aatccaagct 120
 aggatgggga cagagggctg gagacaacct gctggcctcc ttccattaaa gccattacag 180
 tgtcaccaca ggattgtaag aattacaaat gcgttttcca gagtccccag agaaaaagga 240
 gtctggcagt tagaagagta aagtgcattc gtcaacaaaa gaaataccaa agatgagact 300
 acagcagcga cttgtcacct cttccgtggt gctactgcct gagaacagag gtttttagtt 360
 tctttaaagg gttgtaaaca taaaaacaaa gaaggataca acatgcaaag cctaaaatgt 420
 ttactttctg gccttttaca caggcagttc gccagcccc taccctacag tatggaaaaa 480
 aggcatagaa cagtcaaatc acgtaggatt tcttggttcc tccatgcagg ctcatcgaat 540
 agcaaccatc ctttcttagt ttcttgaac aagtacccta ttacattca gagaattata 600
 tgtggacaaa cagtcataa gcccgactt ttacatactc acttcctgaa ttgcatattg 660
 aaaaagagag ttcatgtaaa gcccgattat tatttaatct aaagttatgt tcacatagga 720
 agcactatgt agagaaatag ggtctgangg acaaggagcc t 761

<210> 3773
 <211> 834
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(834)
 <223> n = A,T,C or G

<400> 3773
 ggnnnntttn nnatttngnc nnannnanaa ctctnnagna anccctttgt ncaggcatcc 60
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 ttttgtttgc ctccgtggtt tggtcaccgt gtgcacgca ccgtgctgta aatgtggcag 180
 tcgctgtgtt gggagagccg gccacgccct tggctttaga gctgtgttga aatccatttt 240
 ggtggttggt ttttaacca aactcagtgc attttttaaa atagttaaga atccaagtcg 300
 agaacacttg aacacacaga agggagaccc cgcctagcat agatttgcag ttacggcctg 360
 gatgccagtc gccagcccag ctgttcccct cgggaacatg aggtggtggt ggcgcagcag 420
 actgcgatca attctgcatg gtcacagtag agatccccgc aaactcgcttgc tccctgggtc 480
 accctgcatt ccatagccat gtgcttgtcc ctgtgtccc acggttccca ggggccaggc 540
 tgggagccca cagccacccc actatgccgc aggcgccta cccaccttca ggcagcctat 600
 gggacgcagg gcccacatctg tccctcggtc gcccggtggt ccagantggg gtcccgnctg 660
 ccccaact cgngcttcgg ntccagaaca cttttgggca nggaangtct tgggggccct 720
 taaccaagca nggaacncc gtgccaaagc ccngggcaag gccgggtccc aaccttagga 780
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<210> 3774
 <211> 787
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(787)
 <223> n = A,T,C or G

<400> 3774

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gcttgacctg	tccgtgctgt	aacatgcgta	aaaaggatgc	tggtcttact	aagtgttttc	180
atgtcttctg	ctttgagtg	gtgaagacac	gctatgacac	ccgccagcgc	aaatgtccca	240
agtgtaatgc	tgcttttggt	gccaatgatt	ttcatcgcat	ctacattggt	tgatctaagt	300
caaganaaga	agaggagctg	gctagtccang	aacttattca	ttaaccacca	aacctctacc	360
tnttctctcc	ttgactgtca	cctgtaggac	agtttatcag	tcaactacct	ttcctccaga	420
ctttacttcc	aggctctnct	cttcagtanc	tgatgactt	tagcagaaaag	gactggtaaa	480
tacaagcctt	gggtttcaga	atgaattaga	aacaaataac	tcttactgtc	ttcctccca	540
gctttgttta	ttttgtgctt	ttagactttt	cagtgnntnc	ttttttcagn	ccactgtata	600
aacttggatt	gtccattcct	cctgaagaaa	tcaagtggg	tatttttgat	gtggaaaagg	660
gaacaanaag	tggaacatg	gctactttt	ggggagtgg	tnttttaaaa	aaatnagggt	720
ggctatgggc	accaaanttt	tctacatttg	ngtnmcaaac	ttcttgtaa	atgtgggatt	780
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<210> 3775

<211> 743

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(743)

<223> n = A,T,C or G

<400> 3775

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cacttgagcc	caagaatttg	agaccagcct	gggtaactta	gtgagaccct	gtttctaaaa	180
ataaatagac	agatgataga	tagtcagata	gagagagaga	gagagatgat	atagatatag	240
atagatagat	agaatgttct	ctaccccaag	ggtggagaaa	gacttgagca	aagacacaga	300
ggccacatgg	attaaaagga	ggaggagaag	ccctgtgttt	gcagggatga	atggcctatg	360
ctctggggag	gtgggctgtg	ccctcagcag	catccacatc	taatgcagga	caacaccatc	420
gacttctctg	agtacgtggc	agctctgaat	ctcgtgctga	ggggcaccct	ggagcacaag	480
ctgaagtga	cattcaagat	ctatgataag	gatggcaatg	gctgcatcga	ccgcctgga	540
gctctcaaca	ttgtggaggg	aatttaccag	ctgaagaaa	cctgccgcga	gagctacaaa	600
ctgagcaagg	ccagctgctc	acacccgagg	aggtcctgga	caggatcttn	ctcctgggtg	660
atgagaatgg	agatggccac	tgctnttgac	naattggtga	agngcccctc	gggccaagtg	720
ggtgatgaaa	atcttccnat	ggc				743

<210> 3776

<211> 730

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(730)

<223> n = A,T,C or G

<400> 3776

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agggtctctg	catgtaaagc	tgacagaag	tcaaatacaga	taaagcctga	gagggatcca	180
tgggatttct	tggcaaagg	attgttgggt	ataccaggaa	gagcagcttc	agtggctcat	240
ggggagagaa	gccagattac	aggagatcag	caactgagag	agtgagtgg	gagcatcttt	300
taagaatgtc	ttgagtgcg	gccggctgcg	gtggctcacg	cctgtaatct	cagcactttg	360
ggaggccgag	gcgggcgaat	cacgaggtca	ggagttcgag	accagcctgg	ccaacatggt	420
gaaacccgtc	tctactaaaa	ttacaacaat	tagctgggca	cggcgcantg	gtgcgtgcct	480
gtaatcccag	ctctcgggag	gctgangcag	gagaatcact	tagaccagg	agtcggaagt	540
tgcaagtgc	tganattgcg	ccactgcact	tcanactggt	gacagaacta	gactctgtca	600

aaaaaaaaa	aaaaaaaaac	tcgagcctnt	agaactatat	gagtcnnatt	cctagatccn	660
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atttggaat						730

<210> 3777
 <211> 769
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(769)
 <223> n = A,T,C or G

<400> 3777						
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tacgaacagg	tgatgcacta	ccccggctac	ggttccccca	tgcttgccag	cttggccatg	180
ggcccgggtca	cgaacaaaac	gggcctggac	gcctcgcccc	tgcccgacga	tacctctac	240
taccaggggg	tgtactcccg	gccattatg	aactcctctt	aagaagacga	cggcttcagg	300
cccggctaac	tctggcacc	cggatcgagg	acaagtgaga	gagcaagtgg	gggtcgagac	360
tttggggaga	cgggtgttga	gagacgcaag	ggagaagaaa	tccataacac	ccccacccca	420
acacccccaa	gacagcagtc	ttcttcaccc	gctgcagccg	ttccgtccca	aacagagggc	480
cacacagata	ccccacgttc	tatataagga	ggaaaacggg	aaagaatata	aagttaaaaa	540
aaagcctccg	gtttccacta	ctgtgtagac	tcctgcttct	tcaagcacct	gcagattctg	600
atttttttgg	tggtggtggg	ggctctccatt	gctgntgntg	caaggaaaagt	cttacttaaa	660
aaaaaaaaaa	ttttgtgagt	gactcggngt	aaaaccatgt	agntttaaca	gaaccngang	720
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<210> 3778
 <211> 743
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(743)
 <223> n = A,T,C or G

<400> 3778						
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tcataactta	cctgcaaaagt	gattatctga	ctagtactac	tgcaacaaag	ataataaagt	180
gcctgatggt	tatatcaaat	aggatatggc	atgtttctga	gtgtttctaa	agaaaaatac	240
tgaatgaacc	cctcgcctaa	cctagtgcct	gtggtaacaa	taactgacat	gcattgagcg	300
cttactgtgt	gccaggtgct	tgttcgaggt	actttaccgg	tattaactct	ttaattcgca	360
taacccttct	gtgagatggg	taacattata	cccattttac	agatgaggaa	tctgaggcct	420
ggagatatca	aatcatgtgc	ccaaggccac	aaagccaaca	tggtgtagaa	ctgagactcg	480
aatctaggca	gtttgttcca	atthttgtgc	tttgaacctg	tgcaacaatat	gactattgct	540
atthttgtgat	attatthtgag	atthttctttt	taattattct	tgatatcttt	ggggcagaaa	600
aacaatgaat	aataatgtta	tgaatattaa	agccccctcaa	aaaaaaaaaaa	nnnnnnnnnn	660
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<210> 3779
 <211> 748
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1)...(748)

<223> n = A,T,C or G

<400> 3779

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gggctgctaa ngaagcaaaa aaggctaagc aagcatctaa aaagactgca atggctgctg	180
ctaaggcacc taaaaggca gcacctannc aaaagattgt gaagcctgtg aaagtttcag	240
nctacaggtg gacaatgagg aggaggaaag ccnnggacag gttgaagggc ggcttgnccc	300
atccactgtg gtcttgacc acacangcgg ctttgagggg cttctcctgn tggntgatga	360
cctgctgggg gtgattggac acagcaactt tggcaccatc cgntctacca catgcgtgtt	420
caaagggaat tggctctncc aggtcctcat ctctnccang ggctcatgca natcggtgtg	480
tgcaccatca nctgccntt taaccangan gagggggttg gagatacaca caactcctat	540
gcctatgatg gcaaccgcnt gcncaagtgg aatgtgacca cancgaaata tgccccccca	600
tctntgctgg gttncanncc tgtggtcaca agtntctcng ngcctgtatn aaccagcacc	660
tgttgaacan canggacttg nttcttcttc aaaaccacn ttntgtctgt anangacttg	720
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<210> 3780

<211> 771

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(771)

<223> n = A,T,C or G

<400> 3780

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cgattcgaat tcggcacgag ggatttctcc tccttcgcg ctttctgcgt gacactggct	120
gtcagctctg ggctgggctt tctgggggcc acacagctgc tgaggcggcg gggtgaggcg	180
gcccgaagg acccagggtg ctcagcctgg ttgtggatag cggcctgtgt ggagaggagc	240
tgcttgtagg cagttaggag gcggacagca tcacctggg cgggtatctc cggcagctgg	300
cacgccatcg gaacttcctg tggttcgtga gcattggacct ggtgcagggt cagtggctca	360
cgcctgtaat ccagcactt cgggacgcca aggtggaaag accgcttgag ccaggaggtt	420
cgaggctgca atgagttatg attgcaccac tgcactccag cctgggcggc agagaaaggc	480
tccatctcta aaaaaagaag agctaagtgc tgtacctaaa acatgcagta tataaactgg	540
ctgaacttag aaataaactg ttttcatgtt atgaaaaaaa aaannnnnnn nnnnnnnnnn	600
nnnaaaaaaa aaaactcgag cctntanaac tatagngagt cntnttacgt anatccagac	660
ntgataagat ncattgatga gtttggggac aaacccaact ngaatgcntg aaaaaaatgc	720
tttatttgng aaaatttggg atctatgctt tatttgtacc attataagct n	771

<210> 3781

<211> 779

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(779)

<223> n = A,T,C or G

<400> 3781

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tcaagattta gattcattcc tctgtttgtt ggagtcattg aagccagtat atcctggaca	180
ttttttaaag aggtcccat tctgagaaaa gacaggagtt gaatgtctta ttgattctta	240
cctttctgtt cgttatagac gaccagagga aacaaatgcc cgacacggat tcgactcagt	300
cataagtgtg aaccaaatag gccgatctgg gttctctcac tgactgaaga ggaagagaaa	360
taagagagga cagtgggcaa aatgtagggt gacaaccaag ggttctgggt tgcccagaat	420

tgccctgggt	tcaaccctga	agttcccatg	ttgtggacag	ccccgtggtc	ctagacaaac	480
aggtcacctt	agcggtaaaa	gcctttctca	ggagtgagag	ctccagggga	gacaaaacgg	540
gtttggtttt	ggaacctgga	ggaagaaggc	aaaatgagaa	gagtnactg	gcagtgagtc	600
ccggaaggn	cccgccttgc	aacaancgtg	gcatcttccg	gacccacttc	cttgctcttt	660
ctcccgttag	ccctgccctt	aatgtngggg	eccagtgcga	aanccctntt	gggggccnng	720
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<210> 3782

<211> 744

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(744)

<223> n = A,T,C or G

<400> 3782

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tgtgatcatg	gctcactgca	gccttgacct	cctgggctaa	agcaatttgc	cttcctcggc	180
ctctcaaagt	gctgggatta	caggtgtgag	ccactgcacg	tggcctcttt	ttagtattt	240
ttttccaaaa	ttattttgaa	aagtttcaag	gtggaatgta	gtgacacccat	cacggctcac	300
cgaagacttg	acctcctggg	ctcagggtgat	cctccacact	cagcctctca	agtagctggg	360
actacaggtg	cacaccacca	caccagctga	gtttttatgg	tttttttaga	gacagggttt	420
cgccacgttg	cccaggcagg	tagaactccc	gtactcaagt	gatccgtccg	cctcagcctc	480
ccaaggtggt	gggattacag	gtgtgagcca	ctgcacccgg	cccatttctt	cttagattta	540
acagttaaca	ttttgctaca	tttgttttat	gtcccatat	atctggtttt	cccttaagct	600
atatgaggtc	acattgnggg	tacactttac	ccaatattct	ggtatcaacc	acagtgccat	660
aatcataata	aaaaaattta	acattggtgc	agtaaaaaaa	aaaaaaaaaa	actcgaggnc	720
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<210> 3783

<211> 753

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(753)

<223> n = A,T,C or G

<400> 3783

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caagaaaaaa	aaaagggtta	agttcctgac	ttaatgagga	aataaaaaaa	ttatatgctg	120
aagttgctaa	gatctagctt	gtgtttgtga	aattgtgaag	aaagaaaaag	aaattcatag	180
tagttttatg	gtcacacttc	tgcaaaaatt	gcagccacag	tgcatgataa	gtgcatagtt	240
aagatggaaa	aggcattttt	tgagtggaa	acatgaagag	aaatagcttc	caatgacagc	300
attcaagttc	ggtactatac	atggtttcag	gaatctacta	gaggtcttgg	aacatatccc	360
tgtggataag	aagggaactac	tgtattgccca	accaggggaag	cttcagtgc	tccagagaat	420
ttattagggc	atcattacat	aggcacgatt	gatttggttg	gctgccca	tggttgaaact	480
cagtcttcaa	gtcaactgat	accaagttgt	ccaaagttcc	ccaccctaaa	ccacatgggt	540
ggcttttctg	gcatggcccg	gctttcaccc	taagactact	gggtgttgca	gctgcaacct	600
aaaatctagt	aacaaagaca	tgcttatcag	gtctgacata	gattaccttc	caaaagggaa	660
agatcagaca	tctctttggg	taangtcaac	ttttttttac	tacattgaga	caaattctat	720
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<210> 3784

<211> 740

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(740)
 <223> n = A,T,C or G

<400> 3784
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 tgaactcctg gccctaata atctgtctat ctcaatcacc caaagtgttg ggattacaga 180
 tatgagccac tgtgcctggc ctatttctga ctttttttct ttttgtatat aagaatatat 240
 atttcgagac aaattgtgga ttataaatgg atgcttattt atctcgactg cctttcagac 300
 ctttttcccc cagccaacca gtttttttct tctcaaagaa gacacagggtg aaactgaaac 360
 tcatctattt cttctgattg agattgtgtg ggtctactcc actcagcttt tgcagtagat 420
 ggaaagtga gataaacgcc taaagaaact agtttcagtc atagatttag taaaaatgtt 480
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 agagatcttt catgtcctct ttgccctgga gatgtacatt gggaacaaaa accttaagtc 600
 agttcttcac ttttttactg ctttggctct tagtaattat ctgntcttct attaaacaag 660
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 tcttacttta ccacatagga 740

<210> 3785
 <211> 753
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(753)
 <223> n = A,T,C or G

<400> 3785
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 taagtctaag tttataacaa cactggcttc cacagcacag gaggtgagca tgtgttaata 180
 tttaagattg gcataactcc ctttaggtgc aagtgttcag gccaaaatgt tcttgagcat 240
 tttgattcct cctcctgctg cccatctata ccaagcccag aaactgtctg gaatatattt 300
 tagtttctg aatgacacca agaagtagaa cagtcttttc aaaaatgtat tttaaaaata 360
 agctgaatct caagaatctg atctatagta taatgaaaac tgaaaagtga agtagtcatt 420
 gggatactct actgtctcac ttaattctca cggcttcctt gcaagggtgg taaaattgtt 480
 cctacagata gtcaaatga gttttacagt tagaaaatga ttgggctagg atttgagccc 540
 aatgtctgtc agattcctga gtttctgcta ctttactaa aatatgctgc ttcttgtgtg 600
 tcngtcttc tgtttgggga caagcagatg atatccctaa caaatcaat ttctttatta 660
 ttattctctt ttaccttttg gttccagca gtacaagtcc cagttttgaa gctcaaaaga 720
 ctggtatgag catagctcat cgacgacatg gtg 753

<210> 3786
 <211> 791
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(791)
 <223> n = A,T,C or G

<400> 3786
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 agaaacacat aaacgacata ctttgttttg tgggacaact gttattcaga ctcgtttcta 180
 cactggagaa ctcgtcaaag ccatagttgt tagaacagga tttagtactt ccaaaggaca 240

gcttggtcgt	tccatattgt	atcccaaacc	aactgatttt	aaactctaca	gagatgccta	300
cttgtttcta	ctatgtcttg	tggcagttgc	tggcattggg	tttatctaca	ctattattaa	360
tagcatttta	aatgaggtac	aagttggggt	cataattatc	gagtctcttg	atattatcac	420
aattactgtg	ccccctgcac	ttcctgctgc	aatgactgct	ggtattgtgt	atgctcagag	480
aagactgaaa	aaaatcggtg	ttttctgtat	cagtcctcaa	agaataaata	tttgtggaca	540
gctcaatctt	gtttgctttg	acaagactgg	aactctaact	gaagatgggt	tagatctttg	600
ggggattcaa	cgagtgggaa	aatgcacgat	ttctttcacc	cagaaagaaa	aatggtgtgc	660
caatgaagat	gtttgggtaa	aaatccccag	ttttgggtgc	nttggtatng	gcttacttgg	720
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<210> 3787
 <211> 764
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(764)
 <223> n = A,T,C or G

<400> 3787	
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gcacgagaaa	agacttataa
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ccagagcaag	agcggagatg
tcctcatcca	acccggggct
cttttctttc	tttttttttt
agtggcgtga	tctcagctcg
tcagcctccc	agcacttttg
gaccagcctg	ccaacatggg
gtggtggcgt	gtgcctgtaa
gaaaatcang	aaggcngagg
ttgggcaaca	gggcaagaac
	tccatcaaaa
	aaaaaaaaaa
	aaat
	60
	120
	180
	240
	300
	360
	420
	480
	540
	600
	660
	720
	764

<210> 3788
 <211> 757
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(757)
 <223> n = A,T,C or G

<400> 3788	
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cacgagccac	tgctacagcc
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aaatattact	aggcacttat
gctgcgaata	aaacagacat
aaactaaaca	gagaggtatg
atcaaagaag	ctttgctgaa
ccaatatggt	taaatattgg
gacagggggc	agatcattta
cctcatccta	tttactgcag
ttaaaacctg	acctatcctg
cttcctcctc	tattctctaa
aaaaatattn	ctcagtcctt
	tgcaaaaaa
	accaant
	60
	120
	180
	240
	300
	360
	420
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	540
	600
	660
	720
	757

<210> 3789
 <211> 926
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(926)
 <223> n = A,T,C or G

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<400> 3789
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actatnatgt aannnagacn tncgcttana tatatcgngc nnnnanannc nngtngtatn      120
atnannagnn tgnctaattn gncanaaacg cctnnactga ggnacttgta nntntttgca      180
ngnncccnan gannncgaac aaatccatct tgtaatgaac gngggaaaag ggccagcgag      240
accacacagc acatcaatgc catcaagcgg gagattgatg tgaccaagga ggccctgaat      300
ttccagaagt cactacggga gaagcaaggc aagtacgaaa acaaggggct gatgatcatc      360
gatgaggaag aattcctgct gatcctcaag ctcaaagacc tcaagaagca gtaccgcanc      420
gagtaccang acctgcgtga cctcatggct gatatccagt attgccagca cctagtggat      480
caagtgtcgc caccgcctgn tcatggaatt ttgacatctg gtacaatgag ncctttgtca      540
tccctganga catgcagatn gcaactgaaa ccaggcggca gcatccgnc aggcattggt      600
ccntgtgaac aggattgtgt ctctgggaga agatgaccca ggacaanatt cagccaanct      660
gcagcagagg gtncttttcc tggaggggccc ctgattccat ctgctttnan aatgccaaag      720
tnaanataga gcntnaagca taattacttg aaaaccattg atgggccttc agngggcccc      780
atagaaaaat nanaacctnn ttguncagtt ccttnangga aaaagancag nnactcctac      840
cntacttggt agtgggagct gnttcaacca cnntgnccaa aaactngtan cccctttta      900
nttcnattgn tgggacccca nncang                                     926
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<210> 3790
 <211> 754
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(754)
 <223> n = A,T,C or G

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<400> 3790
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attcggcacg agcattagtg taagtgcagg taattgcttc attaggacat atgtattgaa      120
ggagggaggg caagtctata gcatgggtgat aaaaacaggc ctaccctctt ttctctaccc      180
acacagggag catctcagct tgacttcagg gatccaggag ccaccagcca ccctgtaaac      240
agcccagatt aatcctgggt ttcagtgtca tgggaggaag gaaggatgac ctagtaaaga      300
gcaacttact tactttcttt ggggtggtaa ctcatgctg aactctggat ggcactggtg      360
cgttcaaggc aatgtgattg aatcattggg gattattact gaattaggga gcaaagtatt      420
cttatggaag ctgtatgctt tctgaggctc accaggccgg atggcatgag ccctatcctc      480
tgtttgagtt atttgactgg ctttttaagg gagtctccat tttcattctg gccatgacag      540
atcaagaggt tatattctcc catcagacct tactactttc ctgtagagtt gaatattatt      600
ctgattttat gccatgtctg tgaatgtctt tgtgtgcacc ctacctagtt atgcatctcc      660
tctttcaaaa gcatgttaaa agatccaata gtaaatgatt ctgcttatat gaagctacta      720
aagtagtcaa attcatagaa agtagaatgg gtgg                                     754
```

<210> 3791
 <211> 750
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(750)

<223> n = A,T,C or G

<400> 3791

gmnccntttt gaatncacat acangctact tgttcttttt gcaggatccc atcgattcga	60
attcggcacg aggttactga tggagagagc agagaagctg gtgtttgcag tcccatctgt	120
cagccttgac acccctactc ctgtccagcc agtgtttctc aaagcgtgct gatgagcaat	180
gcaagatgat ttcattgttat agataagaat aaaaaaattg ttttgtgttt aactcaaatt	240
agaaaaaggc aacaattggt atgtgcgacc tgtggttttg cagatgatac tgcttaggat	300
gttggtactt aagaaaaggt caacttttca aaaatactat tagtgacatg tggacctagt	360
cctcctgaag aggactacat tggggcaccg gtaattgttt ctatttgagg tactctggct	420
gtgtggctct ggccacgcca ctggaggcag tgtctgagcc tgtgacttga gtagtagctc	480
tgtgtcatgt ctgctgattc tccccaaatc ctgaagattc atgatgaagt gactgccggc	540
ttggtctgaa ctagattgaa aacaataagg atcccagaac gatagcactt tacaatccta	600
taattttggc tcaaattgcc tgcagttact atcttaaccc tgctgttat gttcattgag	660
caccaaagtt tttcagtaaa ttcttgagta attattctct gggattgaat tatgaaatag	720
taaatatttc cactatgcaa tcaattggtg	750

<210> 3792

<211> 750

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(750)

<223> n = A,T,C or G

<400> 3792

gncnttttga ttccatacan ctacttggtc tttttgcagg atcccatcga ttcgaattcg	60
gcacgagcaa gaattgctgc tgctgttttt tttttaattt tattttttat ttttaaagac	120
tttcttacct tctcattgag agagagaaaag atgcccagag ttaaaatagg aggtgcttgg	180
gtattttgtt gaacttcaca agttaaaactg gcgaatggcg tccatcagct gttattcagt	240
ccttgaacag agcagatatg tttgtgcgag gacaaagaag atgcctcaaa gacaaagaag	300
aagatgcctc gtgcgtccct gagctccac acggcatctg cacatcacca gctcagcatt	360
tagcacactg gattgacact gccatggttag gtgagggtgac ggcattgcct agagtgaagg	420
aatctacagc aatatgatag ctaaattgcca catgaagtgc tggattggat cctggattgg	480
gaaaaaacat ggctctaaag ggcagtattg ggacaattgg tgaaatttaa atgtagtcta	540
tgtattangg gataatgctg ttatcaatta tacatttctt tctgttataa ttgtccttgg	600
tcacaccagg aaatgtcctt attaggagac gcattgcagaa gtcttttagg gatgaggact	660
tactgcagct tattctcaaa tgtttatata taagggtgaca aaaattaaga aattggtcaa	720
tcttggtgaa aagtttatga agagtaaagt	750

<210> 3793

<211> 751

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(751)

<223> n = A,T,C or G

<400> 3793

ngnccntttg aatnccttta cangetactt gttctttttg caggatccca tcgattcgaa	60
ttcggcacga gcctaggegt agtcatttct ttattagctc ttactttatt tttcaaagtt	120
acgtaataaaa tgtctatgtt tctaagctat ctttagattt gtaaaagggc taaaatgta	180
cttttaaaaca tgtttggttt attcaaattt gtttataaat ctctcctttg taccctggc	240
taccaccctt cccactcct ctgcctaaaa ctaagggaat atcctgtctt tgcccatagc	300
ttcagaatgt tctgcaattt tagactttta cttttaactg atcactgtta agcaaggag	360
gaaatttacc acttctcttt gtgatgtaat attgcacagt gaccctaagt ggaagccttc	420
ctgtgtcctg gatgtgagct ctgcgctgtc agtggttggc ttgtaagctc tggctccaag	480

tggtctgagg	tgcaaggaac	cgatcttggtg	cagtagaaag	agcttttggg	agttggcaag	540
tagcaaggct	agttctcata	cattctatgc	tctggccacc	tttttctgtg	gcaggaaaac	600
aaaacaggca	aatgcacaca	aactgggtac	atttaacttt	gcctcctgag	ccatctncca	660
agccatttag	ctttggatgg	cctcaatttg	gaacaaggga	acaaacaaaa	tcatgatgat	720
aacgatgatg	accccgatcg	tccttactaa	t			751

<210> 3794

<211> 749

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(749)

<223> n = A,T,C or G

<400> 3794

gncnnttgag	ttcnatacag	ctacttggtc	tttttgcagg	atcccatcga	ttcgaattcg	60
gcacgagatt	gcttctgttt	taatggtaat	ttgtctaatt	gtaaaaatac	cgaagtagtg	120
attccaagtt	agaaagtagt	gatccctaag	aacagttgga	gaaacatatg	gtttgttcta	180
tagctgtaag	cggtaatgtt	gaagcaattt	tgaaagcatt	ctttcccttt	aagaaaaaaa	240
tagtttctta	ctgaaatgac	tttttaggat	gtcttgaaaa	acgtagtga	attcatctag	300
aaacttacaa	ggttgatgct	agccatcaca	tgcatgctgc	aatttgctga	aatgtcttga	360
tccaggggag	ctaaactttt	acaaaaatag	gtttgtttag	aagtcataac	actacatgaa	420
aaatcaccac	ttttgaaact	tacggttaaa	ggcagtttct	cttttaaaaa	tgtgctcatt	480
gattattccc	acccaaatag	ccagaatatt	ttgtaattac	ccattaccac	tcctaccatc	540
tgaaacgtgc	atgaaaaaaa	tgaaaaattg	acttcatctg	aaaagagttg	tgtcatgata	600
tatgaaacgt	tttttgtaac	ctccaggaag	gaacattgca	atttttccat	ttcagatcgc	660
ctttgttttg	ccattctcta	cagcagacca	aagagtgcac	caaagtgtaca	ttatttcagc	720
atagataatg	acttgaatat	gagaagtaa				749

<210> 3795

<211> 753

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(753)

<223> n = A,T,C or G

<400> 3795

gmnntttgat	tcccntacan	actacttggt	ctttttgcag	gatcccatcg	attcgaaaaa	60
aacaaaaaatt	cccataaaaa	aaatagatgt	ttctnacatg	ttgagcatat	atggatttca	120
tttttaatat	gattgtagaa	acattagatt	taaagcatat	tgaaaaagaa	aacagtatat	180
tctttaggag	cttcaaaaaa	gggttttggt	ttagttcaaa	gggtgaaaga	agatctttta	240
ttattttggt	aaataacttc	taaggaaaca	aaccaccctc	acatgcacta	tctcatttgt	300
atttctgtca	attctgaaag	gccagcattt	ggccagtatt	atttgaatct	gtattgtatt	360
ttttaaccag	agaatgaag	gtttatagct	tcattctttt	ggaagaggag	gctggagacc	420
acagggttaa	tgacggtgca	tcgctcttgg	ccggccctgg	cagggtcctt	tctccctcct	480
tttacacgcg	cagacaaagc	ttgtggatgc	tcaataagga	cagctgccgt	ttggacagag	540
attaatcatt	tatttgtgaa	ggttttttct	gccttgcttt	cttggctctt	tttaaatctt	600
cacattgggt	tgatcccaaa	atgtttgtgt	tgctcttact	caaaactagg	aaaaacaaat	660
tatgtggtaa	gaagctcaga	gccacttact	taaatctcaa	ctagatttat	ttgtgagaac	720
atctgttttc	tgatatttta	nacacttcct	ctt			753

<210> 3796

<211> 755

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(755)
 <223> n = A,T,C or G

<400> 3796
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 ttcggcacga gacagcattc gctgaccatt ctctctctcc accaccaag gacaggagg 120
 ctaaccagga cagagaacct acgctgagaa ctcaccacca gaaaaaatat ctgcttttaa 180
 aagcacagtg cacaatagta ctttttaaaa gctaaaagag ctaagttaa agttaagac 240
 acgtatgttc tttgacacag atctctctaaa agtctgacaa aattagaagt accagcacat 300
 aaaaatagat gcccaagaat gtttattgaa aaaagctgaa aacccatgac tatctcaata 360
 ggacaatgac aggatacaca atggtttatc atgccctgac ctgctgagcag tgaccaagaa 420
 ggagggcaca gatcacacag cagacagaca gatgctctga ggcttacgat ggggttatat 480
 catgatgagc ccattggaag ttgaaaatgc cgtaagtga aagtgcagtg caaactggga 540
 gctgctgccc ctgctgctgc ccacatcaca agagaagtac agtttctgaa tgtctattgc 600
 ttttgacca ttgtaaaaag ccacaaaatc atataggtcg aaccattaag tcagagacc 660
 tctgtgcata gacttgcat tggcccatga caagtgaata gagtaagcta cagaataata 720
 ttcattccatt cttcattttt ataaaaccac ttttt 755

<210> 3797
 <211> 745
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(745)
 <223> n = A,T,C or G

<400> 3797
 aggnntnntt tntgactcat gcttggnnta ntngttcttt ttgcaggatc ccatcgattc 60
 gaattcggca cgaggttacc tggggggcnt ntgggacgtc aacagccaga tgctgacggt 120
 gctcagagcc ttccctgtgc ggagccggtc cggggacgca gagactgcag ctgccatcga 180
 agaggagatc taccagagcc tggtcctgctc gggcctgtcc ctggtgggct ggtaccacag 240
 ccaccacac agcccggcgc tgccatctct gcaggacatc gacgcacaga tggactacca 300
 gctgcggctg cagggctcca gcaatggctt ccagccctgc ctgcctctgc tctgctcccc 360
 ttactattct ggcaaccag gccccgagtc caagatctcg cctttctggg tgatgcctcc 420
 tcccagcaa agggccagtg actatggcat ccccatggat gtggagatgg cctacgtcca 480
 ggacagcttc ctgaccaatg acatccttca cgagatgatg ctgctggtgg agttctacaa 540
 gggttcccct gacctcgtga ggctccagga accctggacc aggagcacac ctactngaca 600
 agcttaagat ctcttggtgc agcaggacgc ccaaggacca gacctgtgtc aacgtntctg 660
 aacaagtgtg ccggcgtntc tcaagcangg gaactgacct ttcaaggcaa ggtgggcttc 720
 aattgtcttg aaggtccgga tggct 745

<210> 3798
 <211> 784
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(784)
 <223> n = A,T,C or G

<400> 3798
 nggcnntttt tgaaaacct tttcaaacta cntgttcttt ttgcaggatc ccatcgattc 60
 ggaaatccct ctctgacca cttgtcagaa atcagaaagt gtggaagaag aaaatattag 120
 ttacctaaat gagagtcttg gggaagagtg ggattcctct gaagaagagg actctatggt 180
 gcccactta tcgctctttg agagtcttgc ctggcagggt aagtgccttt taaaatattc 240
 cacaacttgg aaacctttaa atcctaattc ctggttgat catgctaaac tgttggtacc 300

aagcacacca	gtccatatac	ttcgagagat	aggtctaaga	ctctcccatt	gttcccattg	360
tgtcccaaaa	ctggaaccaa	ttcctgaatg	gccccctctg	gcctcttggtg	gagtcccacc	420
ttttcaaaaag	cctcttacaa	gtcccagccg	gctctctaga	gatcatgccca	ctctaaatgg	480
agcactgcaa	tttgccacca	aacagctaag	ccgaacattg	agtagagcca	ctcccatacc	540
tgaataccta	aaacagatcc	ctaattcatg	tgtttctggg	tgttgctgtg	gctggctgac	600
taaaanagtt	aangaaacaa	cttgtagtga	ccccattaac	actantttat	ttttacattg	660
gncttccaaa	agggcaggtt	naacaaactc	cntaacttgg	anttccttgg	aaaaaaaccn	720
ncnttttggc	ctctgaanat	ctnnngnnngn	gggctaaatt	gganaaaaagn	gggtcccaaa	780
at						784

<210> 3799
 <211> 750
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(750)
 <223> n = A,T,C or G

<400> 3799						
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gaggacaaaag	caaaacatca	acattaagtc	ataggctagg	attatacaaa	tgagaacccc	120
caccttatac	attacttaac	ataagttaac	tacaaagagc	ctctccactt	acatttttat	180
catgcattctt	acattttaat	gtccttattc	ttttatagaa	aagggtcataa	tacccaataa	240
aaaagaatct	gtaatatccc	tgatgcagca	acaattgatc	acatgctttc	acatgtgacc	300
acaataggaa	taaaataaca	gcgtaaagaa	atgtgaaagt	tgtattacat	cattattcac	360
tgttcaaaaa	tttttttcaa	gaaacaagta	cactttcaat	gaaattacaa	tgcttcagaa	420
aatctccctt	ttaaagttat	atacaaaaac	agcttttagt	gtggattcat	ttttatactc	480
aatactctga	tttagtgtaa	tgtctgaagt	gtcagtgcc	tattctagt	taaattctca	540
tatttcagta	aaatcaattt	tgaattaaat	atgttttttca	tatttacatc	tgcaaaaaata	600
tacttttagta	taaactctct	gatgttttct	aagctataga	ttttgaaaaa	aaaagtcttt	660
ccaaattcat	tatatattgca	ggactcttct	ncaatataaa	ttccatgatg	tggaataaag	720
ctggagcaac	tgcttcangt	tttctctag				750

<210> 3800
 <211> 742
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(742)
 <223> n = A,T,C or G

<400> 3800						
gaaattcata	canctacttg	ttcttttttgc	aggatcccat	cgattcgaat	tcggcacgag	60
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agctacagtt	tcccgtttga	gcatattcat	tcttttttat	ttttgctctg	aacaaaaata	180
ttagagttac	aatattacta	tattccaggc	cttgctagaa	actggggata	aatctatgaa	240
tatggctcgt	tccttggaag	acctcacagt	ccagggaagc	caaaccctgc	agacatgcag	300
tagacttagt	ggtctctctt	aagggtgctt	ggttagtttt	gacattggag	attatgtaca	360
gacttgaatg	actagttagc	ctcaggcaca	gcattctgtt	tggcnttggg	gggggggggn	420
aantactgcc	tctcagcctg	ggcaagtcac	ttagagatcg	cctcgtcact	ctnccatcct	480
ttgctgatgc	ctctggtcta	ntacctctga	ctcagcttcg	ccttttagaga	tactcatgct	540
ttctggcaac	agaggtcctt	caaaccceaa	ttcctattaa	aacttccatc	acttaccgcc	600
cttctttttc	aaggggacca	agccagnttt	attnccccca	ttttnccagg	tnacttggtc	660
ccttggggccc	aanaatgtgg	tggaataattt	ttggggcaaa	attccccntt	ttttcccttn	720
ttttttnttg	ggancttcna	nn				742

<210> 3801

<211> 785
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(785)
 <223> n = A,T,C or G

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<400> 3801
gntnaatttc aaagacgctn ttgttctntt ngatgntcnn ancgactcta nttcngcacg      60
agtggcagtg ggagtcgaag cgaggggtctg aagttcacga ctactagaag gggaggggag      120
tggaaggct ctcagtgaag aangtattan aattatttct gaattatcag tctctcattt      180
gtgctttgga gaagcnaaaa aggcaaaagg ggtctttggc catcttctgc tggagcttcc      240
agggaggatg tgtctccaan agaccagatg tccgagtttg aaatcccaga acccangagg      300
aaaagaatca caggaggagaa aagactgtcc aaaggctcct ggagtcttct gttctctaac      360
cttggaaagt tttgaacaat atttctcana ngatagccct ttttttccaa cttttttttt      420
ttntcatctg tccagcatga ctcaccccc gggagtgggt gaatgtcttg tctttcaccc      480
aagaaaggac ggacttttgc attgggcttg taaatttggc ccaactggtg cttaatggga      540
agtaaaaaaa agagtcnttg cttaccatgc cggggaacct anaaattacc atcactggcg      600
tttttttngc ttttggttct tcaatggggt tggtaggggt attgaaatta tttantttnc      660
caanaaaata aaaaaatggg attttttaaa aaaatttttc atcccccggn nnaanttttt      720
ngnnnnnnng nttggaanng ncnngncn ntattnannc tttnnnttt nnnnnccntt      780
ttttt                                         785
```

<210> 3802
 <211> 751
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(751)
 <223> n = A,T,C or G

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<400> 3802
gttgantttg aanccctctt gttcttttgg aaggctccca tcgattcgaa ttcggcacga      60
gagatgttat aaaatgtgta ggcttttaat atataagtta tttgggctcc tttgttttgg      120
gcatacttna aacagaagaa aacccttctt gggggcagaa aagctagaac tggatatcac      180
agttccctct ggggtgggtg ctatgtgtca attcgatctc cttaaaagaa aatngtggtg      240
gcctaaaata gggcttttct ttaccacaag ttagatccct ggcagcaatc tacttctcga      300
aacagaataa ccattcaact atgacagcta tcttaaaatc atagactgta aataatattg      360
gggcacttct acatatcata gaaaataatg tttcaaccag aaaacatctt acctttttaa      420
agctttccnc ccccctaaag aaagacatcc aatagaagtt gccacttctc catttatcaa      480
aagtaaaatc tacttccatg taggnccggc nacttctttt taccttncag tcaattctta      540
actattttaa gactaaaaca aaataactta tctgnnttct cattttacta cagtaaatgg      600
gtattaaaaa tagttcacat ggcttttctt tttaaattca aaagggtatt aacctgggat      660
ggtggaaaaa cccacttta nccacactc cttaaaaata ccttaacctt aacttnccta      720
aaaccaatth acccaganca actngggggc t                                         751
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<210> 3803
 <211> 750
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(750)
 <223> n = A,T,C or G

<400> 3803

cttaattcca	tcagctactt	gttcttttgn	agcattccat	cgattcgaat	ttcggcacga	60
ggccatcctt	ctctctggct	gtagactgag	gcttttctct	tgcttcaagt	cagagcagna	120
tttggtgatn	acctnncaat	aatgtttggn	nnacatgcc	ntnattaaat	taattcaaca	180
tgaagttgaa	tttgatgaaa	gtggtcacgc	tatccangta	ttnggctttt	gaangttttg	240
cangtnaatg	gagatggaac	tcnccctgnc	acacacnctg	aactncantg	gtgcaatctt	300
tgntcactg	caacctccgn	cactgggctg	gagcaattcc	cctgcctcan	ccttnaanta	360
gctggaatta	caggcatgtg	tcaccananc	ccgggggtta	aaattntttt	tttttatttg	420
agggaaaagc	gggtcaccat	gtaggcacgc	tggtntcnaa	cccctgacct	nangtgatcc	480
acctgncntt	ggccttcaag	gngetgggat	tacaagctta	aancaccatg	tcagccagcc	540
aagtattngg	nttttnaaaa	atttganntt	tcntttgcgc	aaagggaata	naattttcct	600
nctgggtnaa	aaagaaacct	tttnaaagcc	cnccttntt	ttcaaaaana	aaaattttta	660
anttcntttt	ggngggtaaa	acctggcctt	naaaaccctt	ttnacttggg	caaaataaat	720
tttaattttt	ttccccctt	tnantttttt				750

<210> 3804

<211> 711

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(711)

<223> n = A,T,C or G

<400> 3804

tttatttcga	nacnctctt	gttctttttg	caggcatccc	atcgattcgc	ccagctacat	60
gggaggctga	ggcaggagna	atcacttgaa	cctgngaggt	ggagggttga	gtgagccaag	120
attgcgccat	gcctgcagcc	tgccacggcc	agngnctcct	tgtcaaaaaa	aaaaaattaa	180
tnaatgcctt	tggtctaaacg	taaaagcctt	tnttggaaca	ncttaatgct	taaaatctgt	240
tttngttcca	ggtgggttgt	taacagggac	tcattttttt	ggtcttggat	anggatcccg	300
gctactcaaa	cagaaaatgg	aaggaggaat	ctggttaaag	aaaacaccag	tntccagaat	360
ggtgaagntt	tgnaagaaa	actcctttct	tgctcaaaga	aaaattttaa	aggttnggnc	420
cttttcccaa	aaanccca	cacttttttt	tttcttgant	gaangggctt	taaaatttct	480
tnggaaaatg	ttttaccaaa	aatgggattt	aaaaaaatcc	taccgatcaa	gatgagttca	540
gctagnaagt	cntnccnct	caggatcagc	ttaagtattt	tacttgattt	ttttaccaaa	600
tcaatgcncg	tacctacctt	aatccttnaa	ataagtttan	aattttaccta	accccaaagt	660
ccaggagggt	gttnttacca	aaaaatagct	ttntcaaggg	ctggcnccta	a	711

<210> 3805

<211> 668

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(668)

<223> n = A,T,C or G

<400> 3805

tgantttcaat	ccgctcttgt	tcttttttga	ggatcccatc	gattcgaatt	cggcacgagg	60
gtggtcatcc	ctaccttgtt	cctaactcta	gggagaaaaga	atttgtcttt	caatgagtaa	120
gtctgatgtt	acctntggga	ttttttggtn	natgctcttt	atgtgtttga	ggaaaatcct	180
gtctactcta	gttttttagga	aggangnccc	tngaatecgt	gttgntact	ntggcgatat	240
canaatngct	atggngngng	ncnngnttat	ncncattaa	ctcggaata	ngtgggtgtg	300
cgacatcaca	atgaccnata	cantactgna	ngggccctag	cnnccaatcc	ttanggttcc	360
nnncatttnt	tctggctcng	aatcaactgc	atggncantn	ngccccccna	nnngaantan	420
ggaaggannn	tcacataggt	acatgtgact	atccttactn	aatctggctn	taaaaacatg	480
gtcctnnaca	tnaacatntt	anancatact	ttgcagatnt	ttgcggnctg	cnctgaaatg	540
tcccataaac	aacntnntta	cttnanggaa	aaaanatact	ccatgggggn	naaanaacca	600
tggaggaang	aaggnaaagg	gcccncatg	ccnctgcang	tttancaagg	gcagnttatt	660
tattctta						668

<210> 3806
 <211> 707
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(707)
 <223> n = A,T,C or G

<400> 3806
 tgatttccat nnnngntacnt gtctttntgc aggatcccat cgattcgaat tcggcacgag 60
 gactagaaag aggccttgcc ctctagaaag ctcagatctt ggcttctgtt actcatactc 120
 ggggtgggctc cttatcagat gcctaaaacn tnttgcctaa agctcgatgg gttctggagg 180
 acagtgtggg cttgncacag gcctacagtc tgaggggagg gagtgggagt ctcatacaanc 240
 tnttnggtct tggcnttatg gcnaccactg ctcacccttc aacatgcctg gtttacgcac 300
 natcttgntc atgggaagag gtnggtggna gactctcana gctcaagatg ctnagagaga 360
 aagntccctg aactggggcc atctgacttt ctacctacc ctttggtttt tttggcncct 420
 tttntccac tcaatanctt ctggcagnat nctcctgagc cacatgtgcc angtactgga 480
 aaaacctnca tctttggcnt cccaagagct ntanggactc ttcacagca ctagatttgc 540
 ctctctaag tntctatgan ctgcacccat atttntataa ttgggaatgg ggtttgggg 600
 atttatgcnn ncctataaaa actatactga gtcgtntttc gnananncaa nacnttataa 660
 gnatncattt gatnnanttt ggncccccct ccttcttana attnggn 707

<210> 3807
 <211> 698
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(698)
 <223> n = A,T,C or G

<400> 3807
 ttanttccat acagctcttg tctttgtgca ngatcccatc gattcgaatt cggcacgagg 60
 tttgtataaa gggtgtcagt ttaatatca agcaattaat aaagacaagg tgtgagtttt 120
 tctgttaatg cacctctgtc tttaatgtgg aancaccgta taaccatgca tcttaccata 180
 attgggggtgc atgtctgtgg tacatgggca caaacatttt tctttcagcc ttgtaatcac 240
 atctccaagt aatctaagca aaaaagaagc aaaatctaag ccagtggaca tgetganggc 300
 tatcttaagg gcttctggaa tgacaaaagg cagaaatcca tcttcatac attttttttt 360
 tttttggaat cnaggtcttg ctattgttg ccaagcttaa aaaaattggc cggggggggn 420
 ngcttttcna ggngcnaat agttaatgna tcctttaacc tcctggggtt aaanganccc 480
 cctgcctcaa nccttttggg gaacttggga cccaaggngc nccnccccac ctgggaantt 540
 taaaagcatt tttatataaa aaggggaagg tgggctgtng ncttttcctn tttacctttt 600
 aaaccggga atcaaaaaan aaggggcaag nggggatttc gggccataca agccnggggtt 660
 tggggtccct ggggggaaca tttttttttt ttttttta 698

<210> 3808
 <211> 639
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(639)
 <223> n = A,T,C or G

<400> 3808
 ttccatcngc tcttgttttt tgcaggatcc ctcgattcga attcggcacg agacactggg 60

ctcaggggct	gagccattgt	tgggtgctat	tacttgtgtt	gggaaccaat	anggaacaga	120
aaacaancaa	aacactaacc	agagaancgg	gcttattgaa	tnctttgcac	ctaagaagat	180
taagaggaaa	aggaggaggt	tagagttggt	gccntctgct	cctccggtgt	ctgagtgttg	240
ataagaaaaga	tagatgttag	anggtagcag	aattgtgttg	caagaattaa	agccaccagc	300
agatgagact	tggaccctaa	ccaattcccc	aggagaacct	gtgaaaaatt	aatgtcttga	360
agtaatggac	atcaaaaagga	gcacttattt	tttgggaattt	ggnaaaangc	tctagatcct	420
taggaggatc	tattttgctc	atttgnnggt	gagaaactan	attcaaagag	ataagtactt	480
gctcatcatt	agtatggcag	agccaaatca	actagatgta	acntgtctta	aacaccgact	540
gtaatgnaat	ctataactnt	actggagatc	tncaataaca	gcctcagtga	ccttgaaacc	600
cncagtngtt	agtaaataatc	ctgggttttcc	tgatttagc			639

<210> 3809

<211> 727

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(727)

<223> n = A,T,C or G

<400> 3809

nntttgaant	ccaatanata	tatngctant	tgtgcttnat	gccntangat	tcgaattcgg	60
cacgagccta	cctcaccagg	ttgtcgtggg	gagtgaacaa	ggtgagtggc	cctcacctac	120
agactcaaca	tatggccttt	ggctcttccc	acttccaaga	gtcttggaag	ggatgggtcg	180
agcaagcaga	ggaaagggaag	atgtgagttc	ccaaaatgct	cctcaccttt	ttcttctgag	240
tgggctcctt	ctcactgcat	tggagggcct	gcggcgccanc	atggctcctcc	accctgggag	300
actccgtccc	tgctctctta	ggtgtcaaga	tcagaggcct	cttgcttacc	taccagactg	360
cccgggggca	cggcatgaac	cgagccttca	gcttgccaac	nttcnttggg	aaccnttttg	420
gnntgaattg	caanttgagg	gtgcnggccca	tggacacccc	ggcagcaacc	agcatacaag	480
aagcccttgn	cacgtgacct	actcttacag	caatcgccagc	cctgccggcc	ctanggagga	540
aggaagtcca	acttcagttc	cagagattct	gatgcagtat	atcaattgng	ggttggtgtg	600
ggccaagaat	ttttaataac	ttttnaaata	acctttcttt	gggtattttac	caaaaagccn	660
aacttggtan	tttgggtcaat	acaaatTTTT	caccaaacc	ccctttaaan	ccaaaaaaa	720
aaatTTT						727

<210> 3810

<211> 728

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(728)

<223> n = A,T,C or G

<400> 3810

nttcnntttg	aanccttaca	netcttgttc	ttttgcagga	tcccatcgat	tcgaattcgg	60
cacgaggtcg	tcggttttct	gagggactt	cagctgacag	agagattcag	agaacgttaa	120
tggaggtaat	atttggtaaa	gggggtttat	aaagaaacca	atgtttatta	aatgaagaac	180
tgaacattgc	atatttgata	gtcaaaaatat	atagaacatt	ttaaatgaaa	tatgaaattt	240
gaaaatattg	tcaggaacaa	acatgtttct	ctatcacaaa	ctctaagaaa	atgactactg	300
gaaaataagg	ctatctgcca	aattccattt	ggtatacacc	tgtactattc	tgtgtttttt	360
gagtagatca	gtcattcata	tattttaaatt	cttatgaatg	tggaaatcctt	ttgggccgnn	420
gcgagttatg	aagacatttt	tgnnatggca	tattaagact	gttggcaata	aatgagctta	480
attatgtatg	aagctgctct	aaaaattatt	ttttctctca	ctttattgct	gagactgagg	540
caactnaaat	agntttgata	attggaagan	gatnnatgac	agaatgaaaa	gaatgcctta	600
aaggnccttt	ccttccnagt	ttttaccctt	tccccactt	cccaaaaatt	cttntggaaa	660
aggtggaatn	ttcaaaaaat	tnccaaanta	ccattttttc	ccacctttca	aaattgggaa	720
aacntaggt						728

<210> 3811
 <211> 931
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(931)
 <223> n = A,T,C or G

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<400> 3811
gnntnannac ngaaactntt naactcctgt tctttttgca ggatcccatc gattcgaatt      60
cggcacgagg tggctgttaa gaaaacantg gttttttcct ttaaggatgat catttcatgt      120
tcctatggta tggatgcatg tagacctttt angaaacagt taatgaagtt taatctgctt      180
atgtggaagg aaaaggtttg aatggaaaag gcttcttggc atgcaacgga ancgcacctg      240
cttttcccc gatgtgtcta ttttaggaaca tttctgtgac acttgccttg gcgtctgcaa      300
cctgctacgt ngctccttga tgganggaan aagcctggcc gtggtanagg gaaagctgag      360
ctctgttggg aaaatgagag ttcctattgg agaaatgcct ctgggcaacn tgnctggcct      420
ttncnnnaaa ngtttggggg ccgacatagg ctgtgtacaa gccanagtcn aaggtattaa      480
aacctaacca gccantgcag aagtcagntt gggaggttcc nggaaagtgc ctaaactaag      540
gccnnaaaag gaccaaaagg gcccggcnc cccaggggta nttaaaaaaa ttaaaaaaaa      600
tccanccct ccaaaggncc cttaattntt ncaanttttt cccctgggcc ccttaattcc      660
ccaattcctt tngggnctt tngggggaag agcccnttna aaatttttngg gcccancccc      720
cctttttggg cnttttnaaa aaaaaggngt gggnaaangg gggntttttt tttttttggg      780
ncctttccaa attgggggna aaaaaagggc ccttgggcc cctttaaaaa gggggggccc      840
ttggggtnaa ncctttccaa ccntttaatt tccccccaa nttttaaatt ttttgncccc      900
tttaattttt aaaaatncct tnccccccat n                                     931
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<210> 3812
 <211> 798
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(798)
 <223> n = A,T,C or G

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<400> 3812
gggcctnctg tnaacccttt gaaactaccc gnnctttttg caggatccca tcgattcgaa      60
ttcggcacga gnaaagaact caaagggcag caatncnttt aagtaaggaa accagttagg      120
agataattgt ggtaatccag ggaaagaaag atggcagttt atactggggc attgccagtg      180
tggatagaaa tagatctcag aagaatttta ggaagtagaa gtggcaaaac ttggtgactg      240
aattgtgagg gcagaagtgg gagaaatcaa ggatagagtt tcttaacaa gctttggtga      300
agacagggac taccctatth gctgtcatgt atccacagct tagcacaat ctttatacgc      360
tggagatgct tgataagtac cgagtgaat tttctggctt gagtacccan ataatggga      420
tgccagtctc tgatttaggt aacacagagg cagactcact tgggaggtaa ctggtgattc      480
anttttaaac atgtctagct caacatgcct gtgaaacata cacatgacaa tgtccagata      540
cattggcaat tnggatgaat tgatttctgn aactcaanaa agagaggtct gagatgggat      600
tctttgcata cttaccaa aaaaaaagg tttntgtttn tttngnaant naacncgntt      660
ttntggcctt gttaatccca ntntcttng gggagccna ngnncgggg ngtnnnccna      720
aggntcngg nntttaanan cntcccan cccaaaatag gngnaaaac cctttttttt      780
tttaaaaaaa aaccttcn                                     798
```

<210> 3813
 <211> 465
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1)...(465)
 <223> n = A,T,C or G

<400> 3813
 atganncttt tacaanctac ttgttctttt tgcaggatcc catcgattcg aattcggcac 60
 gaggagaatc ttatatTTTTT aaaattgtcc ctatgttaaa tccagatggg gtcatcaatg 120
 gaaatcatcg ctgttcttta agtggagagg atttgaatag gcagtggcaa agtccaagtc 180
 cggatttaca tcctacaatt taccatgcta aggggctgtt gcaatacttg gctgcagtga 240
 accgtttacc cttggtttat tgtgattatc atggccattc ccgaaagaag aatgtattta 300
 tgtatggttg cagcatcaaa gagacagtgt ggcataccaa tgataatgca acttcatgtg 360
 atgttggtga ggatacggga tacaggacat tgcctaagat actgagccat atcgccccag 420
 cattttgcat gagcagctgt agcttcgtag tggaaaaatc taaag 465

<210> 3814
 <211> 516
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(516)
 <223> n = A,T,C or G

<400> 3814
 ttcatttann ctnttttttt gcaggatccc tcgattcgga agagcttctg caggggctga 60
 gcagacccca gggcctctta gccaatcccc gggcctgggt aagcaggcga ancatatggg 120
 cggaggccng caactacctg nacttgccgn caagagtggg caatcttttn tgtctctcgg 180
 gaangnccca annctcctcc cccaanttga nanaaaaagn aagtnttggg naaccancn 240
 taagccataa gttccctctg gggcctggg ganaaaagnt tcaatcacng ggccaagggc 300
 ttctggncct cattnattgn cttggacaag aactctgggt cacaagtctt gctnnggtctt 360
 gctggggaan cccnacnga cattgggcn cagacttgct ggtcttnttg ggaagaaggg 420
 caagacccca aaccaagatc caaaatacac ttncagctct taaccaaggc ttncctttcaa 480
 gtcacaagtt gttgccngaa atcagtaaca agaagt 516

<210> 3815
 <211> 461
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(461)
 <223> n = A,T,C or G

<400> 3815
 attcattnca cnnctgggtc tttntgcnag atccctcgat tcgaattcgg cncgagagct 60
 gggggtgact acagctcacc tgcagctggg gagcaacttc aangcgtgag acccagggtg 120
 gccgggctcg gacccctgtg ccatggcaac nntgatattn cagangnttg nnntangcnc 180
 atnactgtnn nnggtntttn tctaggngnc cttaanttan cacatcnnnn tncctcgnta 240
 gnnaaatgn cctentatna gcatnccttc cttnctgan tgntnnatga gagcatgatn 300
 tataatgcct gaaagancct gggtngnga ttatnnntna gtaataaat nattctnanc 360
 actatcacat gntgantgcc ctncnncnc ncctngngna aagagaanac tgacaannng 420
 gnntantnt antnctngc caanancnnn gttaccagcc t 461

<210> 3816
 <211> 466
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1)...(466)
 <223> n = A,T,C or G

<400> 3816
 tntacgttca agctcttgct ctttttgag gatcccatcg attcgatgag cttattaggt 60
 attttatctt tcaaaaaatat atgtncctca ctgtgtttgt ttgtttcctg actgtgaaca 120
 ctgaagagga ctagatcaaa aatgaccaat tgagtagcaa ttgaacattt acagtgtgt 180
 gtgcagtga cttctgtagc acccaaattg tggggttggg gaaaaacat tccaccttaa 240
 aagaaaacca agcctttctg gcaaaattgc tgattctagg ttttggccaa gaaatgtaca 300
 tgctgactgg aacattgcat aacagttagt aaggaggctg ttaaagacta tttagggtca 360
 tttcagaaag actggagaaa tgactgtaga attcccactg gccagagat cnggtagaaa 420
 cctgtgaagt gtgtttaaat tcttgagttc ataatgggta ttttaa 466

<210> 3817
 <211> 459
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(459)
 <223> n = A,T,C or G

<400> 3817
 tgcctnca ctcttggtct ttttgagga tcccatccga ttogaattcg gcacgaggag 60
 aaactgcatt ttgggggggt ttgaaatcca aagaatgcag tttgtaggca gtcgagatcc 120
 ttgaaaaatc aagatggatt ttaataatgt attaagaata aattggattt gaatcaacac 180
 aggaaacagg gattttactt agagactatt tcagtaattt tgaaatcatt gcccaagatt 240
 gtagttggtt tgtttataat gggtaggtta tttatttgtg aatcccaaatt gtntctccatc 300
 aacattccat tgaataattt acaaaagcaa acagcagggg tttatgtttc tcttctccta 360
 gttnaatatt gtggcagcat atcatacttt gttttagact aatttaacag gagttaatgt 420
 ttccaagtaa atcattatta tctaaacagt gtctttttt 459

<210> 3818
 <211> 465
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(465)
 <223> n = A,T,C or G

<400> 3818
 nnntnnctan tcaagctact tgttcgcagg atcccatcga ttcgtnntca tncanggggt 60
 anatgaaaag gcngaagga ttttattnng agccgtgnga cgtgccgtca gaggtntct 120
 gtntctctc ctcacttcag cgcnnantgc cacnccaan aaacgggatt ctaccngnct 180
 gnnngcncgt ccgntctgct acctcnngtg cccatgcac gnntntcacn ccaagaaaga 240
 ggctnccttn ctcnntnct tcatntgtac atagacnaat cccaaaaaaa nnatgaacnt 300
 naggcgaaga gncnttgact cccaggaga tancgacngt agctcttctt cctcaaaata 360
 atgcatgatg atgcngcata cacnttataa ccaaantatg ctngccttnt aagcnnacgn 420
 ctgtccntcc nacactatna gaggcngaag cnnacntgat ctctt 465

<210> 3819
 <211> 469
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(469)

<223> n = A,T,C or G

<400> 3819

tannatcctt	ancnnnnnnc	tacttgttct	ttttgcagga	tcccatcgat	tcggcctaaa	60
attagagaat	tatctgctca	gtccttattc	ctgcagaata	caaatgtcac	attctaacct	120
gttaagagat	tgtcttcaaa	ataaaactgt	tattaactac	attaatgtta	gacaaagtac	180
actttagggc	aaaaggcatt	attagggata	gatttcataa	tgatagagtt	ctatagtaga	240
atatagtaat	gcaactgaac	aaaatgaagc	tcattccact	gcatggaaga	atctcacaga	300
tgtgatgctg	aacaaaggaa	gccacgtaca	aacacttact	atataatttt	atgtacatca	360
agttcagaaa	caggatagtt	acctttggga	aggaggtaac	tgaaagagta	tgaggagggg	420
tttctggtat	ctggttaatg	tactttgtac	cagttaccca	ggagtgttt		469

<210> 3820

<211> 462

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(462)

<223> n = A,T,C or G

<400> 3820

gatnccaatc	anctacttgt	tctttttgca	ggatcccac	gattcgaatt	cggcacgaga	60
caaggacaag	aaagaaagta	cggttgcaac	ggctggctcg	catgcatgcc	gacatgatgg	120
aggatgttga	ngangtatat	gccggngaca	tntgtgcatt	gtttggcatt	gactgtgcta	180
gtggagacac	attcacagac	aaagccnaca	gcngcctttc	tatggagtca	attnatgtnc	240
ctgatcctgt	catttcaata	ncaatgaagc	cttctnaca	naacganctg	gaaaactttt	300
canaangnat	ngnccggttt	accagagaag	atnccncatt	tnaagtatac	tttgacactg	360
anaacnnnga	gacagntctn	tctggnatgg	gagaattnca	cctgcaaadc	tatgctcana	420
ngctggaaag	atgagntntg	gctgncttgt	ntcacaggaa	ag		462

<210> 3821

<211> 464

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(464)

<223> n = A,T,C or G

<400> 3821

cttnnttaga	tacagctact	tgttcttttt	gcaggatccc	atcgattcga	attcggcacg	60
aggattcatc	ttcttggtct	ttaaaagtca	aaaggctttt	tgaccttta	ataactctta	120
catctgggtc	tactgttga	aatgttctac	taaattttca	gagtggaaaa	gttttaggct	180
taaaactgac	tggtaaaaat	agaatatttc	tttgtattga	tttttcagta	tagctgtaca	240
gccagttatc	cttcgttaag	tgtttcggta	ttaaaactgc	tcacatttgt	aaatattgag	300
cagctttatt	gtcagaacaa	gaatcccttg	gtttcccaat	ccccaaactt	taacattgta	360
attaaacatc	ctgtataacc	tattttattc	tctgccaac	aattttatga	ctgctgtttt	420
tactctttgt	gatgaaaaatg	ggatggagaa	gataagggtc	tttg		464

<210> 3822

<211> 463

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(463)

<223> n = A,T,C or G

```

<400> 3822
atncaatac aagctacttg ttctttttgc aggatcccat ccgattcgaa ttcggcacga      60
ggcantagct gtgggggatg agaaaagtgg acaaattaat tagagagatt tagaggcaga      120
ttggtgattg aattgagcag ggcagtgaga ggattcccag gtttctgact gaggtgtcta      180
agtggggatg gtgatgaaag ggggaatatt gggagaggat cacgtttgga gggagactaa      240
ggcaccatca gtattctaga gattagaggg ctgtgagaga attgtgatan gagggattta      300
ctctttggca gatatccaag cgtggaaggc ctgtttgatg gactgtcctt gataatcaca      360
ggcaggtata ncctcaaggc tttgaggatg gctctaaagt acatttcaaa caccacctcc      420
tccacaaagc ctttctacta caactccatc ccctgagtag agt                        463

```

```

<210> 3823
<211> 470
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(470)
<223> n = A,T,C or G

```

```

<400> 3823
anaatacctt tacaagctac ttgttctttt tgcaggatcc catcgattcg nananataan      60
aangnnaaaa tncagcaatg gtncacaggc tnnncnctaa nnnatctgcc tgctgncatc      120
agagccnatg tncctggcgt nntntctggg gntacattat ttaggccant ntatcanggc      180
caacccctcc anctgnctan tagangccat gnccactngn taattcaagg gccagctcc      240
aggnnngttt ncttctctng gggancatca gttnncttnt nnntaccacg ncattcccat      300
tngcatgttn tngccgctnn tcttaataga taatatnnaa accctnattn ctncgcetna      360
ctaantacca tcattnatnn agtaaaanat ctananaaaag nngncaancn agnngntnnt      420
gatnctnctc ctcccctccc ccacctgtgt ttttaanaga caggattccn                470

```

```

<210> 3824
<211> 465
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(465)
<223> n = A,T,C or G

```

```

<400> 3824
ttanttcnat acaagctact tggtcttttt gcaggatccc atcgattcga attcggcacg      60
agaattcata aaaggagtta gttgcagtca tgtgtggcct tgtctagaag caaaaattat      120
aatatcaaaa gctctacgta tgaattgggc cttaatgtct ttgtactcat ttattctttt      180
attgaaaaaa agctctaaat gcctattttg tgtcacataa ttgagatttg ctttgaaatg      240
tctgattctt tactatagta ctatctgagt tgttcacagt ggtatgggta tccatactct      300
gaactgttcc attatctgga attaaaggca tataataaaa agaaatagac tgtatttagt      360
ttattctagt gtaataaatt gaaaagtaaa tagatgatta gaagcaagtg ttccaaataa      420
aaatttatca gcagtataac aattctatca ttcattccaa cttgg                        465

```

```

<210> 3825
<211> 460
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(460)
<223> n = A,T,C or G

```

```

<400> 3825
cnttgnnttcg atacagctac ttgttctttt tgcaggatcc ctcgattcga attcggcacg      60
aggagagtct cactctgttg ctcagggttg agtgcaggca tgtgatcata gctcaccgaa      120
gcctcaacct cctgagctca agtgatcctc ttgccttacc tcccaagtag ctangaccac      180
aggtgggcat gaccacacct ggctaagctt aaaatttttc tgtatangtg gtgtctcact      240
atgttggcca nactgggtctc agatgcctgg gtcctatagcn gtctcctgc ctcaaccttc      300
caaaggctgt tgattgttta aatacgaaaa antttagaan atatannttn acgcacttaa      360
ttnttagtct ggtgatatac catccaaaaa gcntctnatg ctgggcacng ttgantcatg      420
cctattatnc cagcacttng ngaggccnan gcnggangat      460

```

<210> 3826

<211> 751

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(751)

<223> n = A,T,C or G

```

<400> 3826
nncnntttga ttcnatacan ctacttggtc tttttgcagg atccctcgat tcgaattcgg      60
cacgaggtc aatcaatatt tattgagtgc ctacgacata tcaggctcag ttaggagctg      120
gggataaagc agtgacaaa gcagacacag ttccttctcc agtgagatta taatccagat      180
gggataggct ataaataaag gaagaagtta acatatatca ggtggtggtt agtgctgctg      240
agaaaaatga aggaggggag agagaaaagg ggatgccaca aggctagggt agagagttct      300
gtttcataca gtggtaaagg aaggcctttg tgttgagtgc tttgctctgg aacgacttta      360
ggatggggaa gaggcccagg tggcacctag acatttgaaa gtaagggtctg aggtgcatg      420
tctctaccta tattttcttt catgtttgcc tttcatggat ttttttctta tgtatctaga      480
attaaatata gaactagggt gaaatatccc tcaaaaatgg tatgggagca actattagaa      540
tgaataggac tcttggggcc aatgggatgg aatgtctgtt tctggtcaag aggattgatt      600
ttgatactgg aatagaatat tcacatatat cttcccattg cctgactnca atgggtgcct      660
agctttccat caaagtggga cttggtgagg tggggatgtg gatgcatatt aattaaggta      720
cagctggcac cggcttaaat agaagggaag g      751

```

<210> 3827

<211> 463

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(463)

<223> n = A,T,C or G

```

<400> 3827
tnncnttcac acangctact tgttcttttt gcaggatccc atcgattcga attcggcacg      60
agaaacgacc acctttacga gaattctttg tcgatgactt tgaagaatta ttagaagggtg      120
agagaactct ttaccacacg tttcttccag atgtccttat ggtcccgtaa acaatgatat      180
ttttttctgc aaggctatth tactttttta gagcagtaat cgtggcattt gccgcatgat      240
gggaacccan gtagggagcg ggtgatgttc ccaggcagcc ttggtgtcgg caggctctcta      300
aacctgggtg ttagtcgtcc tctgtgggag ttgattttgt tctgtgaccc aggtcagggtc      360
tctctctaag aactctgtaa gagtatagaa atacaagtaa agtataaaca tgtagaaaaa      420
caagtaaaact ggggaaatcc ttcgctggca gcaaaactgg cgt      463

```

<210> 3828

<211> 747

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(747)
 <223> n = A,T,C or G

<400> 3828
 gcnnnttgntt nnatacanct acttggtctt tttgcaggat cccatcgatt cgaattcggc 60
 acgaggagtt ctcttggtt ttactctttt tacagtgaag ccagcagtggt gtgtagcagc 120
 agtgacactg ggctctttac caatgatgaa gggcgacaag gtgatgacga acagagtgat 180
 tggttctatg aaggagaatg tgtcccagga ttcactgtcc ctaatcttct gcccaagtgg 240
 gctcctgatc attgttctga agtagaaaga atggattctg gattggataa attttcagat 300
 tccacattcc ttttaccttc tcggccagct caaagagggt accatactcg cttgaatcgt 360
 ctacctggag ctgcagctcg atgcctcaga aaggggcgaa gaagctgggt gggaagggtga 420
 tacctctcac agttagcttg gctcagtggt gagataatat tccctatggg agttgtgtat 480
 cctattaaca atcagagggt ctacagaact ccctgaagtt aatggagcca actggaatgt 540
 gttgggagtt tacaagagtg aacattatgt agcatgtgaa tggatataca aataaaagat 600
 gaaacgtaat tcatatagaa gtactgacaa aaaaaaacac tgtcattaca gtgtctattg 660
 cctgtaaacc tacaagcctg agctggcttt ctgtaacttt tgattaatgt tatgttatta 720
 ttgggtaagt taaaatctct tggcttn 747

<210> 3829
 <211> 468
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(468)
 <223> n = A,T,C or G

<400> 3829
 tttccttttt gtaaacccta cttgttcttt ttgcaggatc ccatcgattc gaattcggca 60
 cgaggtaaaa caccacctac agttccaatt ctgggcctgt cttctatcta tctttgccct 120
 tctggtccgt tccctgttct gagccccagg gaacttangg ctgaaagtca cccccgaagc 180
 ctcagaccag atcggggaggc cacacgcagc agaggggcca ggggtgacgt 240
 ccactcatga gaagtgttat gtgactncag ggagtcgttc cctcttcggt gctccaatcc 300
 ccagcccaag ctcagatgac ccagcctgtg tcccttttagc ggccgangag ccaccacctg 360
 ttcggggggt ggaggatggc ttccaganga cctgggacac tcacctagct cgttcatggc 420
 acggcggtac tctcatcaa aggacaagct tcataacagc acangtgg 468

<210> 3830
 <211> 467
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(467)
 <223> n = A,T,C or G

<400> 3830
 cnttgatncn tatacancta ctcnancctt tgttcttttt gcaggatccc atcgattcga 60
 attcggcacg agggggtctc ttctactgtc ttattggacc ctacagtggt ctctgagcca 120
 gcagtcctgt cagttgattt cttggtcgtt cctttgtttt cttctataat cacatgtgga 180
 ctcagaatga attttgagtt actctgaaat ctattttatc aacagatatt tacttagtac 240
 ctctatttgc cagactctgc tttatgttgg atattttttt ttaaaagccc accttgcccta 300
 gatttctcga aaggaccagg tggcttcctt ggttttgaaa gaccctaatt cttactatga 360
 tcttaagtaa attatatcct ttctgtgggc tcaagttctt tctaagaggg ctctttgggg 420
 ctacaaaaga aattgttagt gcaaaaagag ttataaggt ttataaa 467

<210> 3831
 <211> 471

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(471)
<223> n = A,T,C or G

<400> 3831
tntttntanta cttnnaantcn natacanget acttggtctt tttgcaggat cccatcgatt 60
cgaattcggc acgagccgag ctgacaagtc aactctaagc acttatctag aagactgtaa 120
atttgacaga gagcgaatag aactgttttg cacggaatat cagaataata agaattccct 180
agaaatccta ctgggaagta taggcagatc tctccctcat ataacggatg tttcttggcg 240
cttggaaatat cagataaaga ccaatcaact tcataggatg tacagacctg catatttggg 300
gaccttaagt gtacagaaca ctgattcccc atcctatcca gagattagtt ttagttgcag 360
catggaacaa ttacaggact tgggtgggaa acttaaagat gcttcgaaaa gcctggaaag 420
agcaactcag ttgtaacttg gggaagttaa cgatccgccc gagtgcagag g 471

<210> 3832
<211> 470
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(470)
<223> n = A,T,C or G

<400> 3832
tataccattt tgaattcna tacaagctac ttgttctttt tgcaggatcc catcgattcg 60
ctgctaaaag gcggatagat gtccagttcc tccatgaaat gagatttagt tcccatgtaa 120
tggcattttc cataataact gctgatatca tcaaggtaaa gagagctgct tctcctaact 180
acccatgaaa gaatttagct ttttatattt ctacctctcc catatagttt aatctctccc 240
cactgcgagt atgactgact ccaaggatg gaagtctgtg ctctaattgg gaattcaatg 300
aacaagactt cagtgaatga acttttttag ccatattata taaaatgaaa aaggatctgc 360
tcctcatttc aatctcctgt acaattgtc ctgaacagta gtacagaatt gtagagatag 420
cacattatgc aacctggcct tttatctgag acatacttaa tgaaagcaca 470

<210> 3833
<211> 465
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(465)
<223> n = A,T,C or G

<400> 3833
ntccnttgga ttcgatacan ctacttggtc tttttgcagg atcccatcga ttcgaattcg 60
gcacgagccc ctgtgcccct tcccaggaa atcaagtcct aaggaataag agtttgttg 120
acagagttga gccttggagg gacacaaaac attgtaatat ctaagatttt tttcatactc 180
tcccagaaaag aaccaatttt caccctgggg tggcgggggtg gtaaaattgc ccctgttcag 240
aatacatgct ctaataagcg gcagccatgg gattttatcc taatactgag tctagatgcc 300
aaatcttttt caccctgtct caaaacaaac aacaacaaca gcaaaaagat cactttggct 360
gtttttattt ttggctgtta tgtgaagaat gaattgcaat ggggcaagag tagaagcacc 420
aggagaaaag caaatgagtt ttgaataaat attttcccct atctt 465

<210> 3834
<211> 469
<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(469)

<223> n = A,T,C or G

<400> 3834

tgcttttga	ntacngntac	aagctacttg	ttctttttgc	aggatcccat	cgattcgaat	60
tcggcacgag	aaagcatgtg	tgttgggggg	tgcgatcat	tttaccatgt	gataagcact	120
tttcataggt	agcaaagaca	cattatgtaa	acttaggagg	agggagagaa	tgcaaatttg	180
catgtgaatt	ttattttgat	taatcgcttt	ttttgctttt	cagcaatgtt	atttatgaac	240
aacaaaatta	tagaaaaagt	gagaaaaagt	caattatcaa	ttattttctg	atgaacaaca	300
acaaagacaa	aaaaatggtg	ggattgattt	attttccctt	gacagaattg	attgtttctt	360
taggttctat	gcaacttgca	gactcactga	gggtgaatgg	aatgtgctga	aaattcagcc	420
tgacttggca	gctccaaggg	acacacctca	atgtagagaa	agcaggaat		469

<210> 3835

<211> 465

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(465)

<223> n = A,T,C or G

<400> 3835

cnncatntgg	ntcccgttcc	aagccacgag	cccattttgc	aggatcccat	cgattcnaat	60
tcggcacgag	gcacaggcca	cggagagaga	gaggccgggc	ctggatgaag	ccgtgggctg	120
tggtgccgtg	cgaggcccan	catgcttggg	ggaaaggcca	ccgtggctgt	caagtgcctan	180
ccaggcgnng	agccgggctt	gtgtttctcg	ctcantntna	nccatctntn	atctgnttca	240
aagggnattc	aaaannccng	ggtcagattg	tttcttggat	tacnctgac	gtctggcctg	300
ccttatccac	cctggaaggt	tctaagcaga	taatanntat	gtggcatntc	tgagggtttg	360
atgccccgag	ccgtttacaa	tatgcttccn	gactgaaagc	tgggcccctg	ntnnctnngc	420
tgagnnctac	nttggaacc	acgttccctt	cagnctcatt	atcac		465

<210> 3836

<211> 1039

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1039)

<223> n = A,T,C or G

<400> 3836

ccagccanaa	nacngngana	aaaggncnga	cgnanacaga	nnncgannnc	gacgcngnn	60
gaanaagcan	anancacccc	cccaggcgtt	ggaacccttc	anagncgacg	aaggcagacc	120
cacgancgaa	ccggcacgag	actgannaga	ncnggcncga	aaaagtgtgn	gccatactga	180
gaccacggg	cagccncc	gccnctacag	ngncaggngg	accagggaca	ccncnggacn	240
gcgcannacn	gagaannaag	gaancnangg	ccggcacgaa	gggcaaggga	gggannnctg	300
cacgggacgg	canaacngca	agccagcctn	caagcnggca	aganccagcc	aggngggcgc	360
aaaaacaaga	aacagcccga	ggcncagccc	ggcncncaac	caggcccnaa	ncaagaaaag	420
anaagaccn	gngcnggacg	gcngnaccca	cacaacgggc	acgnaaaaag	ggcngcccgc	480
gnggacacng	cnnnnctatng	gaaaccaccn	ccnggnaaaa	ancaccanaa	gggggcccngc	540
anaaaacccg	aacnggganc	aagngccann	cagnnccggg	aaanaggang	naaaaaacngg	600
ccagnnnngcn	accgnggaaa	aaaaaaacgn	cncnnnatn	gncgcnnnncn	cnnncacggc	660
aananaaccn	agcgggacag	acannngancg	canacanang	cgancggaga	ananggaaag	720
aaggggagaca	aaacagcang	anngacgaan	anggnacacg	cnacacgcac	agcgangnng	780

nancaaaagn	annncncgca	nnannagngn	gnangcaaaa	naacgcgang	agannagana	840
gnggacgcac	nngcncacna	ganggcgnnc	ngacgnnncc	ccaaaacgac	nnacgnnnng	900
gagcaganaa	cgacgcacna	naaaggacgn	anganncann	nccgngaana	aaggngaaaa	960
nngnngnacn	anggcgacnc	caggagacaa	canangnnaa	agcnaagccc	cnagnacaaa	1020
agcaccaaaa	naancnccg					1039

<210> 3837
 <211> 759
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(759)
 <223> n = A,T,C or G

<400> 3837						
gcnntttgat	ntncatacan	ctacttggtc	tttttgagg	atcccatcga	ttcgaattcg	60
gcacgagctg	ccttccaaca	aaatcgtcaa	gcgggcagag	gagttggtgg	ggcaggagtt	120
gccttattcg	ctgaccagt	acaactgcga	gcacttcgtg	aaccatctgc	gctatggcgt	180
ctcccgcagt	gaccaggtgc	atcttcagcc	tgcattccct	tcccaggagc	caggccactc	240
cctcagctgc	cagaggtctg	gtccctgctg	gggccagggt	gggatggaaa	tagacatgag	300
caagacaaaa	tagcagatat	gaaactgttg	tccttgaggg	tgtcacattt	ggggtgggga	360
caaggtggtg	gagataggca	agtcggcaat	gtagaccagt	gcagtgggtt	ggggggtggc	420
cacagaaggg	agtcacagcc	tgaaacagcc	ctccacagcc	ctagaggccg	gctttatgat	480
tcccacttta	cagatgggga	aactgaggct	caccgtgctt	aagtaacttg	tccaaattca	540
ttaaactcct	agttattgag	tctctagtcc	atgtcancca	tggatgaaga	cgggggagtt	600
aaacctacat	gtgttctctc	caagggcccc	gatcaaggaa	agcttttgta	gaaanangtc	660
acacccgagc	ccacctgatt	taattatttt	gattaatctt	gaaaaaaaaa	tgaacctgga	720
gattaccagg	gaaccggggg	ccaataanga	agtgtagct			759

<210> 3838
 <211> 751
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(751)
 <223> n = A,T,C or G

<400> 3838						
gcnnttttga	ttccatacan	ctacttggtc	tttttgagg	atcccatcga	ttcgaattcg	60
gcacgaggga	cgcagacccc	actcagcacc	tcttagaaga	tgcgtccgta	gtatatagta	120
tgatttttcg	aaggggattt	tgctcatatt	aagggttgct	ttagggatgt	ccaggaaggg	180
tcaggtaagg	aatctttcaa	tctgctttct	aattggctta	gttttccac	tgtcttcgca	240
aaaggacagg	aatttccagg	ttagtttgca	gcttgctctt	catcaagcga	aatgctcatg	300
ctgttggtga	gatggttaata	gaaacctttt	gctaccttta	tttatcaaga	gttggtggagc	360
cgaggaaacc	tgtcttggtg	gttggtgcagg	attgaaactc	acaaaaaagc	ctgtttgaag	420
aagttgttac	ctatatattat	tcaaggcagt	tcacaagcct	tatactaact	ttgcggggtc	480
tttcagttga	gcttacatga	ctgcgcttgg	ctttgtgcct	tggcagccaa	catttgccat	540
gcaggaggct	tcccagaaag	gttcggattc	ctcttcaagt	ttgagaagcc	tgactgagac	600
cattctcagc	atggcatgac	ccgtgaatca	ggaagtgaga	atctggagta	ctgctaaggc	660
accttgtggg	tggaaatgag	ggtttgagat	gccaaccttt	ctgtgccttc	ccacaacttc	720
caattgtttc	cattgctcat	ttgaccaacc	t			751

<210> 3839
 <211> 750
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(750)
 <223> n = A,T,C or G

<400> 3839
 nccnmtgaa tnccntaca nactacttgt tctttttgca gggatcccat cgattcgaat 60
 tcggcacgag atgaatttgt ctctgaggat attcaaagaa agcagcagta gtagtggttaa 120
 aggggtccag ctaggccttt tcagttcttt cctatcattg ttaatgtaga caaccatttc 180
 ccagattttt gagataaatc aattttattta tttgcaatat ttacatgcct acatggtttt 240
 ttaaagttat tttaatgtat ttttaatgat taaaaatta tgtcccgat ttattagtca 300
 ttcattactt accattattt gcattttaatc cttaaagcag aagtgtacaa aaaagagatt 360
 aatgtaaagc aaatcaatga ggattgaagc aaattaattc tctcaaaata aatatgtagt 420
 atcttttagat aatttggcac ctgctgagtt tgtcaatctt agcaaactag gccatttaga 480
 ggaaataatt ctgtctactt tttgagtggt ttttttaatg cttttacttc tgggtggtggc 540
 atgctggatt ttatattttt aaaaaccaat aaaatttggg aggcattgcc tctaaatggt 600
 acctaaaaaa tagaaaacac aaccntaaa tatgcctagt aattagcaca ttttttattt 660
 catagaaact gattcctggc tggcctgggt gctcacacct ggtaatccca acactttggg 720
 angttgaagc agggggatgc ttgacccttg 750

<210> 3840
 <211> 751
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(751)
 <223> n = A,T,C or G

<400> 3840
 nccntttgat nccntacanc tacttgttct ttttgcagga tcccatcgat tcgaattcgg 60
 cagcagatta gatactatag taggttaata atgactaaca ccttgtcatc tcatcactga 120
 gcttttgtct aagatagtct ctgaatttag aactgggacg aaagtgtaca taataggcta 180
 ttataaaaatt tttagaattg gatttctaaa cttgggggtca gtgaatctag caggcttaag 240
 cagtgttctc aggtttttct ggcacagaca aggaatataa gaggaggaga gaaaaggaga 300
 gacagtagtg ggaggggaata gaatgagaga agatagaaaa tatggaatta atagagaaag 360
 gatacatgaa gtattacaag attttcttgg aaaaattggc atttcagtga tggatcaaag 420
 atgtctaata aggcaaaatc tactattact taaatattta atgtttttaa gatttgagga 480
 taaaaggata tagatctgat ggcgttcata ctaattgctg tagtgttgat gttggagaga 540
 ggggtaatgt atcaagacag agcagacaga ccctttacaa tgagagcaga agatatgttg 600
 tttactgatt ctactttccc acaaaatgct aatgctttta taagtccctc ctccntattt 660
 tctagattaa ctccntgttt ctccctctaa accangat tatggcagac aggcacaaaa 720
 aaaaaaaaaa aactcgagcc tttanaacta t 751

<210> 3841
 <211> 800
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(800)
 <223> n = A,T,C or G

<400> 3841
 aaatacacia caggcaagtg ccgtatacca ggaattgttc aaggagagca ggtagtttgt 60
 cttatattct aacgtgggag aaagaaagca aataaattac atgaattgat taattgatca 120
 gttgcatggc ttttagtata catttctgtc agtctgcaa ccagcacagg tcccttatta 180
 gcatgggaga agggcctgat cactgaaagt attatagatt tatagagtat tgaaaggaaa 240
 cttaaaggaaa ttgggggcag tggcctttta gaaaacagcc taactccatc agtgacttct 300

gcttgcttgt	gcctctcata	tgtgatctgc	tactggcctt	tgttacttct	ctctgaaata	360
acacaaaaat	tatgttttagg	gctctcattg	acttcaactc	caaaccatat	gttacttctt	420
ttaaaaacat	aattttctaaa	aaaaaaaaaa	aaaaactcga	gcctctagaa	ctatagttag	480
tcgtattacg	tagatccaga	catgataaag	atcattgatg	agtttggaca	accacaccta	540
gaatgcagtg	aaaaaaatgc	tttatttgtg	aaatttgnga	nctattgctt	tatttgaacc	600
attataagct	gcaataaaca	agttaaccac	caccattgca	ttcattttat	gttcaagggt	660
cagggggagg	nggtgggagg	ttttttaatt	ccgggcccgc	gggcccagtc	attgggcccg	720
gtccccactt	ttggtncctt	tagngngggg	naatgcccc	tggcgtaaac	atgggcatag	780
ctggttctcg	tggnaaatgg					800

<210> 3842

<211> 464

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(464)

<223> n = A,T,C or G

<400> 3842

ttatnctttg	aaacacncta	cttggttcttt	ttgcaggatc	ccatcgattc	gaattcggca	60
cgaggaaaag	gccccagaat	gggctngctt	gaactggaaa	aacacacttt	ctcatccctt	120
ttggaccacg	agcttcttga	gagcaaagca	tgtgtttgat	attcctttgc	tcaccctcag	180
gccttggttg	gcaaattgcc	tgggatacac	aaaataagga	caaggtctgg	gtgtagtggc	240
ttatgctgtg	aatccccacac	tttgggtgac	caaggcagga	ggatctcttg	aggccaggag	300
ttgcagacca	gcctgggtaa	catagtgaga	ccttgtctct	gcaacaaaat	ttaaaaatta	360
gccagacttg	gtggttccca	cttgcaatcc	cactatttgg	gaggctgagg	cgaaaggatc	420
acttgagcgc	aggaatttaa	ggctgctgtg	agctatgatt	gtgc		464

<210> 3843

<211> 759

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(759)

<223> n = A,T,C or G

<400> 3843

gaaatcttta	tcantacttt	gttctttttg	caggatccca	tcgattcgaa	ttcggcacga	60
ggctactcag	gagactgggc	aggaggattg	cttgagccca	ggaggttggg	gcttcagtga	120
gccatattca	caccactgcg	ttccagcctg	ggtgacagag	caagggtgcta	tctccaaaat	180
aaataaataa	atgttaaatt	tgcttttttc	tctctctctt	tttttatgta	gaatttgttt	240
gttgatactt	actgaatgta	gtgacctgac	tgtggtaatg	aacacttcta	gtgccttcta	300
ggcttaaaat	accagacagc	cccaaataac	aaatgctctt	ttgtgttttg	ataggttgga	360
tttctgtttg	cttaatattg	ggaatactgg	ggggaaaaaa	gatggtgttt	tcattctaag	420
gattgtccta	aagaaagtgc	tactttattt	ttaagaaagt	aaggccactt	gttatataag	480
aaataacaag	ttcccatagg	gtcccatttt	gcaaaagggg	ataaagaatt	agactgatag	540
catcatacga	ggcatatttc	actatacaaa	gtgttgtcac	ctgtctatac	aactctccta	600
cccagcttga	cctcactttt	catacctgat	gcagcaaaac	aattcaatgc	cataggagaa	660
ggaagcacat	ggttataagt	gactaacacg	atattagcca	atttgtccaa	atttctcatt	720
ttctttatag	gtaaagaaag	cattcttatt	tgattaaat			759

<210> 3844

<211> 954

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(954)
 <223> n = A,T,C or G

```
<400> 3844
gggnnttttt tttggnnnaa aaantttttt ttccccccca nnaaaaantt tttntttggg      60
gnaaaaaacca nccccccct tttacctnng ggggaaaaaac ctttttncnc cnnnggggcc      120
cnangggggn aaaaaccccc ccccaaanc cgggaaannt tncccgggg naaggcccaa      180
aaaaaanggg naaggaaact tngggnnntn ccctcggggg nngggaaaaa aaatgggaat      240
ggtaaaaaatg ggggccccag ganntaaccc aaggggncca aatggggng ggggggaaag      300
aaaaaaagna aagggggntn ncncctcccc taaaaacncc caccaanggg ggggaagcca      360
anggaanttt accccnnggg caaggggaacc aataattaac ccttggaatt acccgnggn      420
acccgggcat ctgggaaana nggnnnacnc atgtggagta naacaanggc ggctaataca      480
nccaaggggg ccaagngggg cacacatnca tncnngctcc tggaaccngc atatgcnatg      540
ctctctctta gaacactngt ccattngcca cgggtctntc acatgaccaa ancctacatt      600
ggctccaaaa atcngcangt aaaatggcac ttccccaaag aagggggaaa ttttnnaaaa      660
cccccccccg acgcaggcca aannggaccc cctgggctac ttaancanag ccatccccna      720
ncaanacttg gnagcactna aaagnagang ggggganaat anctgggncg gacaacacgg      780
cnactctngg gctcaggatt aagngggaaa gnggaanaaa ctggggttnt caggacngga      840
ntccaactct aancgggggg gttaaaggga aaaaattcnn ggactgaaag gggnggggan      900
gggggggaacn ggctccagaa aaaggaactc cataccctcc ttaatacaca gaca          954
```

<210> 3845
 <211> 828
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(828)
 <223> n = A,T,C or G

```
<400> 3845
tgtaggcaa ctgatgacta tacttatttc acaactggta atgtgaatta ttattgcata      60
aactatagtg ctgaggcccc agtctttaca cttccattta ataacttcac agtttcatat      120
cttcttgaga tacttactaa tttcaagtcc catcttggtc acaaggagtt gtgaattaga      180
gaacaattaa tatcaccagt taaagaagtt agattagaaa tctgaaccat cctaaacata      240
agaagtacct gcatcttcag agtcttatcc caaagccgtt ctgctaaatt gttcaatttt      300
ctccatagca gagctttcca ggcccttatt tggaagtgat ttatctctat gcacagttat      360
gtatggatag tatacataat actagcaagt gttattacct agtggttaact ggtggngtat      420
ttacatcaaa atataactta atttatcgat atcttttttag gggtttccca ttaatcaaaa      480
cacgtgatat atgtaatcag ttgcangttt tctgtgactg ngacagtaga gagtccttca      540
tcctctgaag ttgaagaagg tggatgattc ttcanaagat gttcatgaaa gngcctggga      600
aaactagtnt tgaacaagaa gcattaccgg gaaaactggg aggagtgnct aaagccnttt      660
aaaggaagaa agaataataa ggcttaaggg tggtaaaccn antcaatgaa cctgggacaa      720
tgaaaaagnc cccctttaa aaaaaataaa atttntnttt ggtttggaag cccttcattgc      780
ncaggcattt gacnaaantn aancccgga tgaaaaaagg ggtttttg          828
```

<210> 3846
 <211> 1046
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1046)
 <223> n = A,T,C or G

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<400> 3846
tngttaagca ttcaattttt agatncattt ntcacaaatg catgattctg gccctnaaat      60
ccgnatatnn gcataatntc ccnttcaggg gggatacana aatgggnnta tgcacacact      120
```

antcngngng	cacgnaaatt	tctgggtgggt	gnaactggtc	ggctnatgnt	ngtaaaatgg	180
ntcnatagac	tatctgnanc	acanngnann	tnttncaccc	tgatgttga	actatgaaag	240
atccttnttg	cgcttaattn	tacggntaag	gngcaagntn	ttggcctcca	aaccnatgtg	300
tntcataaat	gtgccanacn	taaattattn	ttgaactttt	tncagaaata	ctaaccatta	360
aanggangtn	ttcnagattg	gcaacntaat	ggcaagccct	ataatttgca	cacttatttc	420
ntgcaggnga	tggtatttgg	ttnatcaagg	gcatactctg	tggtccagaa	tcttttggtg	480
aataaatng	aaanaaaac	cccatttaaa	aaaatgaagg	nggaaccatt	cnctttnaaa	540
atcaagcnaa	ttnggcttan	cncttaaaaa	ttaaccncct	gggttttatt	aacncggng	600
ggtaaaagtt	naaaaaaaa	aaaaaaaatt	tttttaaang	gggaaaaatt	ttnaaaaggc	660
cncttaacaa	ngggggnaaa	ccttaaatcc	ttttccantn	aaaaanggnc	ccctaaaaaa	720
aaaaanggtt	acnttnngtn	aaaaataaaa	nttttttaac	ccccctttcc	ttnggggggc	780
cttttttcat	tncttaatnc	ccccaaaatt	tttttttttt	tttnaaangg	aggggggggg	840
nannntaat	taanaacaat	naatttttaa	anaanaaacc	anggggggtc	tttggctttt	900
tgtttggccc	caaaaacttg	gggaggtgcc	aggggggctt	ttttnaaagg	nccccaatt	960
ctttancctt	acctggtaga	ngggaatccc	tttgcttggc	ccccattctt	tttgganana	1020
ggnttggggg	aatatttggg	cctttt				1046

<210> 3847

<211> 1021

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1021)

<223> n = A,T,C or G

<400> 3847

tacctgatgg	ttgnnttnt	ctcctgnget	gctcatgtct	gcttaactac	ctactctanc	60
agcaccaggn	agnaggaata	atatgtctct	ttcatgataa	actggcttgg	aaggccttnt	120
ttgtacatgc	aatgttgnan	cttcaggnt	ccaaggtgga	taatgttgn	catnancatc	180
ttgctttggg	gcttgnntt	cnaagactca	tatgtatngc	cctttnttta	ttttnaagnc	240
ntctnantgg	ccccaccng	nngagttttc	ttgaatgctt	cnngagaaaa	tttcccaaaa	300
anancgnctt	tnaccncaa	cttccccctt	atgggntaac	tttancanta	aaccccgga	360
ggancnttta	attcngcnaa	cccantanaa	aaanttgnat	cncttgggcn	ccaaantnnt	420
ttagggttaan	ctncaatgta	ncnannancc	tgtnntntct	tgtaaattnn	tcaccaagna	480
cnntnttgtc	nattgnccac	gttcctntng	gnnggtccnc	tatttttggg	tttgggtaaa	540
angaagggtc	ngncntatng	gggccncnng	naaaantgcc	ccnanntctt	cnannaagna	600
accttgnaca	accaannccc	ttcttnagna	nttcnnnaaa	ccanttgcan	ttgttcnggc	660
tngetttgta	atttncaagn	caattctttt	gnntaaccce	tngtttntnn	tnncagaana	720
gggaaattcc	ccggcntcaa	ttaaagggtg	gcctggcnan	gatttnanna	aaaannnnna	780
nnnaaaatna	tnngnngcct	ttttnaaact	tnnnnnggat	ggcggattta	cnnnagtant	840
nnccnngcat	gtnantagnn	annacatgtg	nnttannttg	ggaaccaanc	cccacctttn	900
nantggcgtg	nnnaaaaaaa	tagctttttt	cgggnaaatt	tgggcagggc	tatgggnatta	960
ttgtnttaac	atttatngc	tcnngatnna	nnnttnacnc	cacnntcgcc	tctatttctn	1020
c						1021

<210> 3848

<211> 898

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(898)

<223> n = A,T,C or G

<400> 3848

tttggctctg	gagtnatnc	tacttactgn	catcttcnc	ggcctntggc	ngtgccntgt	60
tccatgccgc	ngtgaggcta	tatgagatgc	gccttggagc	ngcctggatt	tttngnntgt	120
aacacngtgg	gctgacttgt	gnntctatnn	nanatngccg	attatacaan	cnngngntcn	180

ctggncaann	actantgntt	nagagnnntc	tnnaaccenn	nccgctgtnn	cngctggnc	240
gancngangg	ncttgtgtgc	agtnactgnt	tccntttnc	caggnnnng	ccctnganng	300
catactntnn	tgcctgtcnc	agtgtntnng	ggancnttn	ntcanngana	ngtctcnc	360
accngnnaag	gaacatntnt	ggantgacat	nngngnanc	tctngangta	tggggaaacc	420
canganngtg	gtcaataang	ggccctacaa	acatgtttng	gaaggctcct	anggcattng	480
ggnaaaacat	ntncacnnnc	tatacaagt	gcttnncaa	gngaaagcgg	ttattcctnt	540
antaactcnc	nnnacnggac	ccannantga	ccncggcttg	nnacntggn	naaccnntc	600
ntngaactac	gggcnttaa	ngaccaacca	nggttggttc	ttgccaccat	tttcttntgc	660
canccacaaa	cctggccttg	ggnaaatttt	ncggttgcat	tantaaaant	ganggggggc	720
tanctgcttt	tgggccctct	ttcnacctn	ttntngangt	angnttttcc	ntttttantc	780
ncgnncantn	gataagaata	ncntttgggt	tgaagttttg	ggtnccaacc	nccttcttnt	840
naatttctnn	tggaaaaaaa	atnnnttntn	tttnggcgna	aatttgngn	angcttnt	898

<210> 3849
 <211> 804
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(804)
 <223> n = A,T,C or G

<400> 3849						
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ccacttaaac	tggcaacaaa	aagttaatgt	gttggttccc	tttggtgtat	tatattcagt	120
ctattaaagt	tttgattgtg	atgttttcat	tgcagttttt	ataccggata	aaatgtattt	180
tagaagtaga	acttttggag	ctgaaatagt	ctgcagaatg	tagcttgaaa	accacggcag	240
tgaactacta	agggaaagt	tcagaattca	agtctagact	tcactacttc	atagctctgt	300
agctttagg	caggttcttt	agcctctctt	tgtctccgtt	tcctcctgtg	taaagtaggg	360
ataataaaa	tatccatctc	actgggat	tttgataatt	aactgagtta	acccatgtca	420
aacatttaga	acagtacctg	acacacagta	aatgctcaat	aaaaattaca	tattgntata	480
ttgctgttct	agtttataag	aacagggtgc	agaatccagt	tttgaaatga	aagcccagaa	540
ctgtgagaaa	tgatgtttt	ctctattaga	tgttctagga	aataaggaaa	catcaagaat	600
aatacagcca	tgttagaac	aagttaaata	tatgtccctc	ttggcttttg	actttctctg	660
tcacttccgt	gctggtcttn	ctctttccag	ncctctcata	ctctaacttc	tgggtctcagc	720
ttctacttgg	actcctntga	agggatagaa	aaaaaaaaa	aaaaactcga	gcctttaaac	780
tataggggtc	gnntacgtan	ancc				804

<210> 3850
 <211> 840
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(840)
 <223> n = A,T,C or G

<400> 3850						
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gttccagctt	ccgcagatgg	accttccacc	cctgggggcc	ccctggctcc	ccgtgtgctc	120
catggttgct	cagtagcct	cccagatccc	cagctcacgc	cagacacagc	ctgtntctcca	180
gtcccagggtg	gagaacctgc	tccacagaac	ctactgtatg	tggagaaca	agagtccctc	240
cccagtcct	ggggcaggcc	cctcggtcat	ggagatccca	tgggatgatc	ttatcgctt	300
gngtatcaac	cacaagctga	gagactggac	gcccccccg	cttctgttcc	atcagaggcg	360
ctgagtgaa	atgggtcagat	attgtgtgta	tttttttaaa	aacgatttga	aaaaatatga	420
tgttcctttg	tcgtgggaac	aagccangtt	gcanacgcan	aaggagctac	agctgataga	480
gggacgtttg	gcaataaaa	cctttttcat	ccttctgcaa	acaattttcc	cataccattg	540
cttcacatnc	accggacttg	gaagaggagc	acagagtgtg	cttnagangg	gaggattccc	600
agcacannag	gatctgattg	cgaaggagct	tttgctgagg	gagctctttg	gcgcagtggt	660

ttntcgagca	ntcttgcttg	ttggggnaaa	gaaagaaaac	caagaggggt	tnaanaatca	720
gccttcacca	atggntgggt	tgaaagaact	caggangcct	tttacgggt	ttaaactttc	780
cttnccccctn	ttnttctttc	ctcagacttt	tagnggtntc	tttttcacac	tnttggaacn	840

<210> 3851
 <211> 841
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(841)
 <223> n = A,T,C or G

<400> 3851	
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tcaaatttgt ataagtgatt ggctagtgat tcttgttttc agaagggaga gtggtataga	120
tagaaaatga caaagatggc aatatacact taatgttggt attgtatgtt gttactgaag	180
tacttagatt tttaaaattt caaatcctaa atcacttctt gtaggaggggt tttcattaac	240
tgcagtatat acagttcact acatatgggt tgtttgagtt ttttgtgtgc tgtatttctt	300
tctgtttttt aatacctggt tttgtacata tctaactctg ttctcttttg gttgttcaga	360
aactggattt tttttttctt aagcagtgtc taatttgtgt tttttaattt tgattcanaa	420
gtagtcccag ctcataggtg ttcatactgt tacatccaga acatttgtca ggctctctgt	480
cagctttcat gtacatatgg tatagaaacc catggagtta ggcacttcct ggattttttt	540
tttatgagaa aaaatctgta tttaaaatgt aaaataaact tttaaaaaag canggcncta	600
atatatatat cttncgcct ttgattacca aatttgtccc ttgcncatgg ttaaagatga	660
aattatcttc ctaaaaaata tcaatggttc ttggggaacc aggggggattg ttacntttac	720
cataaccaac nggttnccctg gcaatggggt tcatgggtcaa aaaaattttt tgggttttna	780
aacttttntt atttgncctt tggcttggtg gattaagncc aagnncaaag ngccgaattn	840
c	841

<210> 3852
 <211> 796
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(796)
 <223> n = A,T,C or G

<400> 3852	
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gattaaacat tctttaatac ttagatcttt catctgttta tgtaacaaac cctaacatac	180
aggcttaatg ccttgcatat attaatctct ttaacttaat ctttgtaaca gtcccatgaa	240
gtaggtctat tattattaca ttttccattt gaggaatata agacataaag atattaacta	300
ccttgcccaa cagctaatta gtgggtggagc ctacttttga actcagacac tctggctcta	360
gactcttttc ttttattaac cactgcacta tgttacattg tttttttatt ttttaactta	420
gtgtgttaac cttgaatttg aattatgttg tattagcctg gtaagtggga tcacagaaac	480
gtgtccactg cctagatggg aagagatcat ttgtctttca tctttgcata cttaacatca	540
aaatataagg aagaacaaag gaaatgttaa tcttttaaag cctcaaagta taactccttt	600
taaaatgcta atgattctgg aaaatggtea gacctttaac tgcttttagtt gaacatttta	660
gacaggagct aatattttta acaaggatag caggaatcat atgtttttatt tctgatcctt	720
gacaaagctg aagagttgca tcttcataag ggnttcactn tntgntacac actagactac	780
ttgcaagggg tgcccn	796

<210> 3853
 <211> 827
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(827)
 <223> n = A,T,C or G

<400> 3853
 gcatatgtgg gaagtgngtg tcccgtccag gcctgtgcct cgggccacag caactgnttc 60
 gtgtgctgga gacgccaga cgcacaggcg aatggntcga gtgcacctcg atccgagtct 120
 cagcacctag actaattagg atgacctcag agatgtgaa gactaccttt ggctcagctc 180
 agnctttttg nttttggttt tttttgagac tgtgtctcac tccgtcacc aggctggaga 240
 gcagtgggtgc gatctcagct nactgnagcc tnaacctctc agactcaagc tattctccta 300
 cctcagcctc ttaactagct gggatcacag acatttgcca ccatgcccg ctaagntttg 360
 tactttttgt agagacaagg gtttgccatg ttgccaaagt ggcttcaact cctgggctca 420
 agtgatgcct gcctcagcct ccaaagggtg tgggattaca ngcgtgagcc accgcacctg 480
 gcctgttatt ttttaattag ctgnggaatt ttttttcca nataaaatat tataaaattt 540
 attaaaaact ttatttctca aganggggaa cngngaaaata ctaattcccc aaatggttcc 600
 ttttacatct agaggtccaa attttccnca atngaaacnt ttctttcaat tttcggtact 660
 ttttttgggt gggttngaga anggaagtct tgntntgtc tncaggctg ggantacaag 720
 ngagcccgag aacatgcccc ctgnattcca nctgggnga caaancccg acnttttttt 780
 aananaaaaa nangnnnnnn annnnaaacc cgggccttta aaatttt 827

<210> 3854
 <211> 826
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(826)
 <223> n = A,T,C or G

<400> 3854
 ctgaaagggc agcgggcaga aaccgggctg gggctggcat tagctttccc tcctcccagt 60
 ttctctccag cgcagcaggg cacctctagc ccagaaaaag aaaactgact ttctcttatt 120
 tctgttttct gctgctgcta atctctcct gaagggtgt gtggcttctt gggactctgg 180
 aaagaaactg caggggacga ggacaaagga aacagctact gtagtactg cagctatgca 240
 ggctctgtgc tagccctgga aaggcctgga cgttcangtc tgctgtgccg ggggtaggcc 300
 ccagaacaga gcggtgggcc catcgctctg caccacagct gccagggctc aaaccttggc 360
 tctgccttac ctggctttgg gatcttgggg gatgcacagg acactctgtg cctcaatttt 420
 cttatcttgt aaaatggggc aaatacctac caagtcatag gggatgatga agtctannt 480
 gagataatgg agggnaattt ctttttttcc ttaacttaa ttttgatcc nttttgggtc 540
 gatntttgta tattgggggg naatttctta naagctngaa agttattnaa tgctgcttat 600
 gagccaaata ctgngccnag ggctctgtgc cagatcattc cagttaatcc caccacaagan 660
 cccaacagcn caaggggttg cttatatatt tggggngnga nggaactggg aaccnaggg 720
 gaagtcacgg gnccttngcc caaagttacc cccgaagtn aagcgtttaa aaccaagaaa 780
 ttggaacccc caagccaagc ttgaccnant ttggtttgct tnggcn 826

<210> 3855
 <211> 812
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(812)
 <223> n = A,T,C or G

<400> 3855
 ctctcatggt aatgccagtc atgctcctca gtcacagaa ccagcaaaaa tactcctcac 60
 atgtccttag atagttgcaa atgctccaga gaggggtaat ggcactgctc ctacttgaga 120

accactggct	cctgtaactg	cttggcctag	ttctaacttc	taaaatgttc	tcctttcctg	180
agagtataat	gaagagccag	atactttgtg	atctttctat	cattcctctg	gcttcttgga	240
cttccttaat	gattgagctc	agatgctgga	gtcacatcgt	ctggctatga	aatcaagctc	300
tgccatttac	tggtgtgac	cttgaacaat	tacttaatct	ctccgtacct	cagttttctc	360
agataaaatg	gagataatag	tgacatccac	ttatTTTTgt	gaagatgaaa	tgaaataaag	420
catgtaagct	ggttatcaca	ctgtccactg	gtggaggcat	ggtaattgna	tgaaggggat	480
gacgatgatt	gacnatgacn	atgatgatga	tgatggctcc	caaccttaag	ggcttattcn	540
agccagaact	tgaaattgac	cttaataatg	aatactncaa	aaaacacaga	caggcacatg	600
atntattaga	aaangnagca	actacgngg	gagtcaagta	aatnctaaac	accctctgcc	660
tcaatctgta	tggnTTTgaa	atgtccttta	nccgtcttga	tttttacata	tctatgaaaa	720
ttttgnggtg	catgggggtt	aaacaaaatg	gatgacttaa	gccnttgga	agtaatttca	780
taaacaacct	tgttgatatg	taataaaaaa	cc			812

<210> 3856

<211> 835

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(835)

<223> n = A,T,C or G

<400> 3856

ttgctttaca	ttggtgaaaa	aagtcacat	ttcgaagcca	ctcattncat	cggaattggg	60
agggccacca	tcttatagct	gggcttgtga	acctttgact	tttccagta	tatattggac	120
tattttgatc	actgctatat	gcttctagtt	cctcaatcan	natctgccac	agaggaggcc	180
ctctaaatTT	tttgtggaat	tacttaatga	aatgaatgan	tgattattcg	ccttcacagg	240
attgtgtgag	accatataan	gtgtgtagag	cggtttgacc	tcccaccatt	gaaatgctcc	300
ttaccattag	catctaaagt	gattcactag	agaaatgtgt	gtgctctcnt	gacagtctgc	360
ttgttccacc	ttgctggaat	ctaaatccac	gagaatcctg	tgttcatttc	tctctaaaga	420
ataattacga	ccatntaagg	taatagctaa	agaatcnaga	cctgtaagaa	ctcttanacan	480
gtacagtggc	ctgtgectgn	agtcccagct	actcangang	ctaangtggg	aggattgctt	540
gaaccnttga	gtttgnggct	gnagtgcctt	atgattgtgt	ctgcgaatag	ccactgcatt	600
acagcctggg	caacataagg	gaggaccatg	cctttggaaa	aaacaaacaa	cttnttggga	660
agtctcctaa	ataacctatt	tnaaagaggt	caacaatttt	gcccgggtggg	gttggcgngg	720
taaaggacaa	aaanttgcca	ttnggtttnn	atnttttaaa	ggnnnnnaggg	ggngggggnn	780
ngnnnggnnn	nttaaannnn	gggcccngg	ggcccattna	nttnggnncc	cngtt	835

<210> 3857

<211> 772

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(772)

<223> n = A,T,C or G

<400> 3857

ggtgntnnnn	ccttgaaanc	tttatacanc	tacttgttct	ttttgcagga	tcccatcgat	60
tcgctccaag	gatcacagta	ggatcctcgt	tggtgacagt	cgaggccgag	ttttcagctg	120
gtctgtgagt	gaccagccag	gccgttctgc	tgctgatcac	tggtggaagg	atgaagggtg	180
tgacagctgc	tcaggctgct	cggtagaggt	ttcactcaca	gaaagacgac	accattgcag	240
gaactgtggt	cagctcttct	gccagaagtg	cagtcgcttt	caatctgaaa	tcaaacgctt	300
gaaaatctca	tccccggtgc	gtgtttgtca	gaactgttat	tataacttac	agcatgagag	360
aggttcagaa	gatgggcctc	gaaattgttg	aagattcaac	aagctgagtg	gagaccatgg	420
tctgtagacc	ccttcccgat	tctcctgtcc	cagcttgtaa	ggcattgaaa	acagtctccg	480
tttacacatc	tcttcatacc	acgtgtttga	agtgttaaaa	ttcaaaggga	tcattgaata	540
aaacgggtgt	agagtacagg	aatggggcag	acgcgattca	ggtgaacagc	acaagaagaa	600
tatgangtgg	ttcctaggag	caacactttc	gacctncagt	cttctctgatg	acagtactgt	660

ctncaagaga	aaaatcctca	cttattaact	ctcttttctt	gcattctcatt	ttatagagct	720
actcatcctt	atttggaata	accancacca	aaaaaggctt	ttagaaaatg	gt	772

<210> 3858
 <211> 820
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(820)
 <223> n = A,T,C or G

<400> 3858						
ctctggctct	tggaaaagg	cagtgtctct	aaaccaggc	aaacggtaaa	tgtggggcat	60
aggcaagagg	gtcccggga	ggtggccact	tccccatcat	gctcgtttct	cattttgtgt	120
tttttagtaa	naaaaacaca	gtgtgttctt	ttgccagac	attaatcttt	agaatgcctg	180
tattttctaa	tgttgggatt	tctttcacaa	ccaccacct	taatatcttc	attgtgactc	240
agaaaatcag	acttcattcg	attctttaga	gaactataaa	tactgttgct	agtagagtga	300
agtcttgtct	tatgtaatcc	taattacaga	atgtgttctc	agaagaggta	ggctagacca	360
gagctgggca	gaccacaggc	agaggccaaa	tccagcccc	tgccgatagt	agctaataa	420
agttttacac	ccacttggtc	atgtattttc	cctggctact	tgtgggcagc	aatgccagag	480
tcaagtcac	ataacagaga	cagaatggcc	tgaagctgg	atttactatt	tcaactttta	540
cattaaaact	tgatgacccc	tgtgctagac	aggcagctca	tttctgcagg	taaaattata	600
ttcatctncc	aactttcatt	ncaaaattga	acatatatta	ctgaggccca	aaaaannnnn	660
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnccctn	ngccctttaa	720
aaccttttgg	gggncgnttt	nccngaacc	nccctganaa	aaaaccttgg	tggagttggg	780
ccaanccccc	nctttnaatg	ccngaaataa	aattnttttt			820

<210> 3859
 <211> 777
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(777)
 <223> n = A,T,C or G

<400> 3859						
ggtgnttccc	ctttgaaacc	ctttanacaa	gtactttgtt	ctttttgcag	gatcccatcg	60
attcgaattc	ggcacgagg	tgggcaggca	gctgcacctc	attcctgaga	ccatccgggg	120
cagggtcttt	ctgactgaga	cacacgacc	tgacaccaga	gagaattctg	tatttcccca	180
cccttgacag	ggctgcccc	agagaatccc	atcgggtgag	cccaggaacc	cacaagttct	240
gcacccctcg	gatgggtagg	cattttgagg	gcattgagga	ggcggttacag	tgataagata	300
cacagggtct	taaaccacag	aggccccggt	tcaaactcct	cctcttctaa	gtacaaatta	360
gttggtcttg	ggaagtgaag	caactttgcc	ccgggctgca	gtttcctcgc	tgtcaaattgc	420
atgggagagg	gtgtgtgaag	agttaaaatg	tatttagatt	tactgtagt	gtctcctcca	480
acatgatctc	acactccttt	tacagtataa	gcaggctgat	gtcagaggct	gtgactcgcc	540
ctgccagggt	taagaccgtg	gggcgtggtc	acaggtaact	ttttangact	cctctnacca	600
caggcactga	acttggggct	tgcatatata	tcacccatt	actcctcaga	agatactgta	660
acgtaggatc	ttttattggc	tntattgagg	cttaatgcac	ccattttang	nggtacaatt	720
tgatgagttt	tgacaaaagt	ntaancttgt	aaccacaatn	nccganttca	tgacact	777

<210> 3860
 <211> 765
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1)...(765)
 <223> n = A,T,C or G

```
<400> 3860
gnnnntnnnc cttgaaaccn ttatacanct acttgttctt tttgcaggac ccatcgattc      60
gaattcggca cgaggacaca ttaaaagaga gatatacaaa aattggtgac accaaaagga      120
atactcccat tgaagctctc tgtgagaact ttccagagga gatggcaacc taccttcgat      180
atgtcaggcg actggacttc tttgaaaaac ctgattatga gtatttacgg accctcttca      240
cagacctctt tgaaaagaaa ggctacacct ttgactatgc ctatgattgg gttgggagac      300
ctattcctac tccagtaggg tcagttcacg tagattctgg tgcactctga ataactcgag      360
aaagccacac acatagggat cggccatcac aacagcagcc tcttcgaaat caggtgggta      420
gctcaaccaa tggagagctg aatgttgatg atcccacggg agccactcc aatgcaccaa      480
tcacagctca tgccgaggtg gaggtagtg aggaagctaa gtgctgctgt ttctttaaga      540
ggaaaaggaa gaagactgct cagcgccaca agtgaccagt gccttcagg agtcctcagc      600
cctggggact ctgactcaat tgtacctgca gtccttgcca tttctcattg gaanggactc      660
ctctttgggg gaaggtggat atccaaccaa aaaaaaaaaa aaaactcgag gcctctagaa      720
ctatgtgagt cgtattacgt agatccagac ttgatagatc attgt                      765
```

<210> 3861
 <211> 771
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(771)
 <223> n = A,T,C or G

```
<400> 3861
ggnntnnnc ctttgaaacc ctttanacaa gctacttggt ctttttgca gatcccatcg      60
attcgaattc ggcacgaggc gagactgtct caaaaaaatc aaaaaaaga aaggggatgt      120
aaaataatcg ctgcaagtta cagtgttttt cattaatgac ttccaaatgt ctcacatgta      180
ttgtctcttc ccagtagcat aaacaaagat gcagggaggt gcaatgagtt cctacaggcc      240
ctagagctga cggtaggggt gggaatacag ttcacaccgc gtcttcagct gtgttccttg      300
tggaatgacat ccactggaca gccaatgat aaaaacagtt atcagttcta aagtgttagg      360
acaattacag cttattcaaa gaaaactcaa ttaaggagga gttagtaaag ctagtattgt      420
tcttatcgtg tgcaatgctg cagtgtcggc tcaactgcaac ctccatgtcc caggctcaaa      480
tgatcctccc gagtagttgg gactacaggc atgtgccact atgcttggt aatttttgta      540
tttttttata gagactgggt tttgccatat tgcccaagct ggtctcaaat tcttgagcgc      600
aagcctggat ttgcctggct gccatttctg ggttttgccg caattcagtt ttttatgaca      660
ggcagaccag tgagtagaat acagttcttt ggataaagga caaactgaag cactaaaaat      720
ggagagtcac tttaaagcaa aaaccagtgg aaatgtgtac ttggcttcac c                      771
```

<210> 3862
 <211> 707
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(707)
 <223> n = A,T,C or G

```
<400> 3862
ggtgntnnnc ctngaaacc tttatacaag ctacttggtc tttttgcagg atcccatcga      60
ttcgggaaaa ataactgtt cactttatga aaggaagaac caggnaaaaa taatagaaaa      120
taatgaacat gagtggagat atagatgaaa gctaaataag cattcactgt gtcttatcaa      180
gagtgaactaa taagctgaca gctttatttg agttctggta agcaaattaa tatcatataa      240
atcattacaa tttggataaa gcaaaacctg ttatcaaatt taaaaactgt ttaataattc      300
aacactccag tggtttgctt tgtttaagca aaaggattct ggccaagata ttttacttca      360
gctctctgcc aaagatgaca attgtcagtg attgtgccag aggggggact taagtctttg      420
```

gtaaggatcg	ccaacagctg	gaaagtat	attgcataaa	atatgtccat	gatactttac	480
caacattgta	gagaatgtaa	gctataaata	cagttatatt	acaaagagtt	tacaatctaa	540
aattaaacac	aagaattttac	ggaaaaatca	ccaaaacaaa	ttaaattggaa	atatcatttc	600
acaagggttct	ttaattttttg	gccatatatt	tgataataaa	tacatatgtg	ttntagctat	660
cttactttctc	ttcttattct	gatttnacct	nntgtggtcc	cctgctg		707

<210> 3863
 <211> 621
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(621)
 <223> n = A,T,C or G

<400> 3863	
tgnngggcna	ganacccgnt
ngggctgcaa	ggggccggctt
gacccnacgn	atnccggggc
	60
ananatgcct	gtcnagncnn
caaaggaagg	ttgtnnecgt
ttacgcctat	tggtggaaaa
	120
aancccnttn	tngaaggtct
atcctcaaan	ngcnnntngc
gttcncccg	ctggccggtt
	180
atncaccnct	ggnaagagg
ganttnattn	nacccgctct
tttttanaag	annnnaaagg
	240
ttcngcatnn	tggggcnnnn
gnncacactg	gctttgaana
gcnanagctg	agtgcacatcc
	300
acccagatnc	aaaatggtna
catgtcaact	gtggccgaaa
acgnggccgc	actgncccat
	360
ccgctcttcn	ggagnttgtn
ggccctttat	ncgcacnaaa
ttgcagcctg	ccggatactg
	420
tattcacaca	ggctntgagg
ggggagggat	tgtnntcaga
atgcattaag	cgcnttnaat
	480
agcctgcntc	ngttgctttg
tcaantggtc	ttnacatgaa
tgcccgtccc	ctgaatatcn
	540
ngtaatcatc	tatcnacct
gggatcgcaa	nncgttaaaa
canaagggca	agtgcaggng
	600
gtcgtactgn	gnaagagctc
c	
	621

<210> 3864
 <211> 790
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(790)
 <223> n = A,T,C or G

<400> 3864	
ggngnntnnn	nnntttggaa
ntctannata	caagctactt
gttctttttg	caggatccca
	60
tcgattcgct	cagcccccca
gtttttatgt	ggacatgttt
tcactctctc	tgatatata
	120
cctaggagtg	gaattgcttg
gttgtgtggc	aattctatgt
ttagcattcg	aagaaattca
	180
ttgaatggta	agctgaaaag
tgacgtggtt	gaatttctga
tttcagaaag	atcactgatg
	240
tgatgagaat	gaataactct
ctggagtgtc	aggatgtggg
ggcagggagc	tagcttagta
	300
tattattgca	aaatcttgcc
aaagatgagc	tgatcaaag
agaggaagca	tgaactaaga
	360
ggggagcagc	aggagtggaa
aagagagata	taatgatgct
agtacagagt	ttatattttac
	420
agaacttgaa	atgcagctca
ngagtgggag	gagtcangtg
gtgccaaagc	tacataaatg
	480
agcatgggtg	tgcttttgac
aaatagggag	aagcaganag
gggaataaca	ttttgtagtt
	540
tcttaatttc	taatatgtct
tgagataggt	ctctaattat
atgcagctca	attnacagat
	600
gaaagttatt	ggtttatcat
gcattcatct	ttatgaaaag
aaaggattcg	gccttgcttc
	660
ttccttggtg	ccaaagtatt
ggncagggtc	tgggcacngt
ggcttacacc	tgtaatnccc
	720
agcgcttttg	ggaggctnan
gcaggaaaaa	tccttggtgacc
ctgggaaggt	naaggttcca
	780
ntgancccan	
	790

<210> 3865
 <211> 766
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(766)
 <223> n = A,T,C or G

```
<400> 3865
ancctttana caagctactt gttctttttg caggatccca tccgattcga attcggcacg      60
agagtgacta cttagaagat gctgtcccca ccttcgcccc ctccctctag ttgccc aaat      120
gtcttacctc ccccgacttc actcgggcta gtggaggtct tcttagactt ctttcaaggc      180
ggaggattta gagtctgggg tgaagtggcg gtgatggatg gctggggacg tggggctgct      240
gactcaatgg tgatacatca agcagttaat taagggacaa gttatcttct aagtgggagg      300
taaaggattt tctgttcctt tggtcttaat gtcataatta atgccatttt ccctcatgga      360
gacctcaggc tgtgcttaaa acgcttccat aattcctttt ggcactgcta gaggtcagca      420
ttgtccactc gtgaaggaca caggtaagtc acagacattg gggcttcttg ttgttaaagg      480
ccaagaatgt gggatgaaaa cccccctgtt ccccatagca agttaggggt tgctcancag      540
ggctgttttc attcagacaa gcagctcatt ccaaaccagc cccagagagc cgcttcaata      600
agccattgtc tgcccaagga ggaagaactg ttgtccaagg ctgtggntaa tgcattgacat      660
tggtagttgt tccaacaagt caaaacttgg ttacagaaaa gcagcantga cnaggatctt      720
ggaataaatg ccttggaacc angtgccaa gaaattttcca cgcata      766
```

<210> 3866
 <211> 1154
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1154)
 <223> n = A,T,C or G

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<400> 3866
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tgcactccta gctgggttgc cttacaagt ctatttaact ttttcttagg gtattttctaa      120
gagagtcca aaatggaaaa aaaatnctat ggtggtntgg aaattttaat gaataataaa      180
ttcccatttt aaggttaaaa ataaccctaaa aaantaacca cctccgtant ccattaagan      240
catttttagg agnaagttnn cctttanctt tnggggaaaa aggggtttttc caattttttc      300
cccttnaaaa tggganccan ttccaacctt gggaaaaaan ccaaggccca aggggggttaa      360
nttggaacc caaggaaagg ggggggtttt cccccctt gggaaccctt tttttgggaa      420
attaagggnt tttttttaa aaaaatttta aattcccctt ttaaaaaatt ttttnaaaat      480
ncccccttc cctnggggtt tccccctt cnttgggcc ccccttttgg ggggggnccc      540
tttttaaat ttaaaaaagg gnttttttt tngggnaaaa aatttttnaa aaangggggg      600
gggggtttta aaanntttt gggggggaaa aaaaaaaaaa aaaaaaaaaa nnaattttan      660
ttttaaaaa cccccccagg ggggggttt ttttnaaaaa antttnancc caaaanttn      720
ccgggntttt aaaaaaatna aaaaaattt tccccaatta aaaaaataat taaattttnt      780
taaaaaatanc cccnccccct taaaaaaaaa atgggaaaaa aantttaatt tanttttccc      840
ccaaaaaac cttccaatta aaantttnaa agtttnttg gnaaacccaa atttttggcc      900
aatttttgga aanaattttt taaaaaaatt naaaaagccc ctnaaaacca attcggggnc      960
cccccttccc ctttctttca aatnaaaatt naattttcct ccccgnaag gggnccttt      1020
ttcctttccc tttgganggg gccttggggg aagcccnnc caaggncctt tttggccagc      1080
ccccgnaaa ggggggtcct ggcaccctta nctnggggt ttttnccttt cccctgggn      1140
nanggggcct gna      1154
```

<210> 3867
 <211> 917
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(917)
 <223> n = A,T,C or G

```

<400> 3867
gtgattccat tngatacagc tacttgttct ttttgcagga tccctcgatt cgaattcggc 60
acgaggatca caccactcca ctccagcctg ggcaacgaag tgagaccctg tgtcaaaaga 120
aaagaaaaag agaaaaagaa agaaatctga aggtcttgac aacccttggt ccccatcct 180
cctatgactt tgggacctaa atcagagctg gccctctttg taacaagggt gtggggccct 240
ctatttcaact gtantctgnt ttcattccct gcagccctcc ttgatacgaa agatgccagt 300
gacagggccca ggcacttgtg gctcatgcct gtaatcccaa ggaggccgag gcngggcaga 360
ttgcctgagt tcacgagttc aaaaccagcc tgggcaacac ggtgaaaacc cccggttct 420
ttcntttggg cccctaagat acaaaaaatt accaggcatg ttggtgcatt gccttgtagg 480
tccccaaacta ctcggggaag gcttgaaggc caaggaanaa attggcnttg gaaacttcna 540
gggacaacaa naaggcttgc caagttggaa gaacaaagga atnggggtggc ccacttggca 600
atthttctaa gccccanggg gcntttccag ggaagccnaa gggaactttc ttggttctnt 660
cnaaaaaaan aaaaaaannn nnnnnnnnnn nngggggncc ccctttnttt taagnaaaaa 720
ccctttnttt taagntnggg aaaggttncg cgnttaantt ttnaaccctn tttaannaaa 780
tttcccccca ggaaaaccan tttgggattt aaaagggaag ttccccctnt ttgggnatt 840
ggnaaaattt tttttggggg naaccnaaaa aancccccac ccaaacctt ttaggaaaaa 900
ntgggcccaa nnttggg 917

```

<210> 3868

<211> 847

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(847)

<223> n = A,T,C or G

```

<400> 3868
ttgatttcca tncagntact gctattgttc tttttgcagt atcccatcga ttcgaattcg 60
gcacggaggt gagnaacggn gaatacgggt aaaacccttg gctcatggaa agcatagcnc 120
aacataaacc ttttaagcaa accagcgag agttcccgtc ataagtggcc accatcttca 180
gaaaccagggt ctctnggggtg tntccanaan tttgccagga atttatgtta cttaaccca 240
ctttggtngg gggaaaagct tttgnaaata gaatcataca tgcatttggg ttttaattac 300
agtgccgttg gcccatnaat ggggnttaaa tttatactgg agcacatggg caccatatac 360
tgggggtttc cctcttgggt caagggtccc ccattggcca anaancagag tctaaaggaa 420
aatcttgaag gttgaaaaac cnttgggggg aaaggnaaaa aantcaaat tcccagtggg 480
gaaaaagaag gaaaaatagg gangggctta aaccttgcaa aaaaattgaa aaanttgaag 540
gggtttgctt ggtcnaaata atcttggaa ggggcccctt tttcttgcn aagaaggagg 600
tgnaacaatg ggagnacaac atttcaaatt aaaccattat ttggtaaaaa cnttncttaa 660
aaagtcaatn gnccatncca naaaggttgg aaatgggagg ggnnggtggt ttctttccgt 720
tccaacttgg ggagttcttg gccaaaactt ttttgaagg ggcnttgtt tctttttgga 780
aaagnaaatt aaaaggttnt tttgggaaca ngggncaatt tggagttnt ggaatncccc 840
aatttta 847

```

<210> 3869

<211> 661

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(661)

<223> n = A,T,C or G

```

<400> 3869
nttgattcca tnnntnacng ctcttgnctt ntgcggatcc ctcgattcga attcggcacg 60
agatgaatgt ggaactttta tttttatcca ttattttcaa attggatcan tgctctcctg 120
atctattaga tctaagacct aagaggaacc taccttgttt tggctagcgg gtacagactt 180
tcttactaaa agnggggtgt atttcttaga atagcatntt ctgttgagta gagatgattn 240
tcaacaatgt ggctngtca cttnncttca aagtgattat ngagtgtgaa agtaagcant 300

```

tgtaatactt	tttaaccact	gtctgtgttc	ttaccagatg	ggaaaacanc	actcgtcttg	360
aaactggaag	ttcccagtc	tgggatgatc	tganaagggt	ttggaaggga	aaaaccctt	420
gtagagata	ttgcagttgc	atcacacacc	agcttgggtg	ctgcctagga	tcanctgctc	480
agtgaanagt	actcttgcta	aaccttacac	caccagact	atgcgatttg	gataagtaat	540
acttatcttg	acctgtgttc	ttttganggg	aaagaatgnc	tattgggtag	gattattgna	600
aatgagatg	agatatcctt	ataaagtttt	agcatgatgc	ngcctcta	aatctgcac	660
n						661

<210> 3870
 <211> 803
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(803)
 <223> n = A,T,C or G

<400> 3870						
ttgaattcaa	tacttgattc	gattttcann	cttggcgagg	tcccatcgat	tcgaattcgg	60
cacgagagt	ctgggattac	aggagtgagc	cacttaggct	agccctgaaa	tgcttttgtt	120
tttgtttgng	ttttttgttt	tttaatgaaa	atacagggac	atggagatgt	ggaaagacac	180
cttgctttat	tactggtgtt	attattatta	ttactacagt	ataattcatg	tatcacaaaa	240
ttcacgattt	ttaagcatat	ctttcagtat	tttttactat	attccaaaaa	gttgcagcca	300
gcagcactac	ctaattccaa	aataatttcat	aatgccaaaa	agcatgcctg	cnctattggc	360
tgctactctg	caattccccc	ttcttgacag	ctctggaccc	aaccccncc	cctttaaaaa	420
aaacttcttt	ctttntgtat	agatgtactt	gggtctgggc	accttcctct	ttatnngaaa	480
aacaaaatgg	ggngttttt	gggttttggg	ttntcaaaan	aaagggncn	caannattna	540
anaccctttt	aaaccccgcc	cnnnaccctt	tanaaanttt	nttngggccc	aaaanaaatn	600
tcccccttta	tngggggtaa	cnnccaaatt	tggngngnnn	taatttccca	atttnanaaa	660
ccaaagtggg	tttttncccc	ccnttttttt	anaaaccttn	tttttnntgg	aaaaataaaa	720
nnggccttgg	ccntaanmna	aaaacaagcc	ttttttggcn	accaattggg	tttttttngg	780
gaggtngggn	aaaccatttt	ttn				803

<210> 3871
 <211> 834
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(834)
 <223> n = A,T,C or G

<400> 3871						
cttnttctac	tnnttctncc	tggaaaaccg	ncnnntgcag	gacccatcga	ttcgaattcg	60
gcacgagggg	atttgaatgc	ccatgaaata	catttttttt	tacttgaata	tattcttgc	120
tcactttacc	ctccataata	tggtgtncat	tagtgctgat	caagtttaca	gagttacatt	180
ttgctnncc	aaccattcag	gcaggaatta	aaatatggca	ttgttaacaa	ctgggaagaa	240
gctcatagng	gatatnaatt	anagtagata	atgggtcacc	ttgatagcct	ctgnntacat	300
cacttgnata	tgggcaaaat	aattattacc	tatacgtgta	tttaagctta	atttncatat	360
aaacagtntt	ttgaatctat	gctaaaaanag	ataatatcta	aaagngtgat	ctntacgtag	420
tccttagttt	atnagtctgn	actncaaaaa	gattcttaaa	taagcccgcc	acggaggctc	480
atgccngtaa	tcccaacact	ttgggaggct	gaggcgggcg	aatcacctga	ngtcangagt	540
tcgagatcaa	cctggccaac	atgggtgaaac	ccngtctcaa	ctaaaaatat	aaaaaatagc	600
cccgccgtg	gnngggcangc	acctggaaat	ccccagctac	tcgggaannc	ttgacgcan	660
gaaaaatcac	ttgaaacccc	aaggggcaaa	aagctgggag	ggtaagccca	aaanccgcat	720
tnattnggac	ctcccaancc	taagggggac	aaagaaacgc	gagnacttca	atcttaaaaa	780
ncnnntngnc	anttattgnc	nnaaanggna	atgnngnccc	ggaaaaaac	cccc	834

<210> 3872

<211> 970
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(970)
 <223> n = A,T,C or G

```
<400> 3872
tgtnagacgt ttcaaggtca gtgtattagt ggctcatgcc taggggaagg aataacattt    60
ggagcaaaca ggagacaaat tgaaaagctt caggaggaaa ggctaggaaa taagattctt    120
tgggcgagaa taaggacttt aaagagattc cacatattcc tgggaatctg aaagaccata    180
cacatgccta gggctgggca tgtgcttaaa aagacttgag agggccctat gctgtcacct    240
ctgcctgacc ttcaggctct gtgcaagcag gaagtgaagg ctaaggcata gtataaaact    300
gcatgggtga aggttgaaag gtgtgtccca acacagaaca catctgcaaa tgctacgagg    360
cattttgttg ttccaagtgt tcaaagaaat cttttgaatc actactgacc actaagctaa    420
ccaaagactt agtggccaca cctgacaaaag aatacaaaact aaaaaactaa aaatgtagtt    480
caagaaaata acaggctggg cacagtggct cacatcggtg atnccagcac ttttggggang    540
ctgaagcang tgggatcttc tttgaaccca aggacntttn gagaccagcc ttgggcncaca    600
ttggcaaaaa acccccatct tnttgnaaaa aaaatacttt aaaaaaattt tgccagggggg    660
ccctgggttg gcnmccccac ctttantagg ttncccaagc ttnccccca agaaaggcct    720
tttaanggtg gggggaaggg aatccaancc tttgancccc tttgggggan gggtncccca    780
gggccttttt aaattggnag nccccattaa attcccttgg ncccatttgg gcancttttc    840
aaaccctttt aggggnggna ccaccanat ggggganggg naaannaaaa attttttaan    900
ttttcccnna aaaacntttg gncccnccat tttttttaa aatnaaattt tttttccaaa    960
aaaattggtt                                     970
```

<210> 3873
 <211> 807
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(807)
 <223> n = A,T,C or G

```
<400> 3873
actgaagctg ccaggcaagt gaggaaccag gagccgtcac tgagtgtggc tgggctacat    60
catagctcat cacggagcta cgactttggg tactgcggac agacctggat agggccagca    120
ttcgttctga agatcacagt tcacagaagc ttttgcttcg taaagataat ccaaaggacc    180
tgagaccgcg ttttcctttt cccttcattc ccttgagagt cagccataaa cggaataacct    240
gctagggttc aggaatgagc tcacctaaca gacagcaaat gtgtctggtt agatctcagc    300
agagcccatc ctgcaagacc tggctgancc agatgagagg gtgggacctg tgctgggggg    360
ccttggggtc cacacaggaa ccaagacctg gcttccaccc cccagtcacc cacttgggtt    420
atctgctgga agttatcgat aggactgtgt ggccaaccaa gtgcttgtga gatcactgac    480
actgcaaaaa caaagcaaac tgctccgggt accaggactt ccttcaacct ggcaangggg    540
gtgcgctgag gcnggggctt cangtgangg ggctgtatgc ttcagggaact aactaaaatg    600
catgcanaag gtaagaggca tgatgggagg tgttcaagca cacaatncca tttgggaggt    660
tattttgata ctgcgatgan taagggtaan ggccccatgg aatggggcta anggtgggag    720
tgaacactgg ggtgaataaa ttttaaatca attcaggtaa aaaaaaaaaa aaaaaactcg    780
agcctttnaa ctataggggg cgtnttn                                     807
```

<210> 3874
 <211> 461
 <212> DNA
 <213> Homo sapiens

```
<400> 3874
tatccatcag ctcttgttct ttttgcagga tcccatcgat tcgaattcgg cagcaggaga    60
```


<211> 1213
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1213)
 <223> n = A,T,C or G

<400> 3877
 cctttnaang gggntttttt tttttggggg ttttaaaaaa aaaaaatttn cccnaaagggn 60
 ccccntttng gggggggggg aaaaattttt tttttccccc tttttttccc cccctttttt 120
 tttttttttt taaaantttt tttttcccn aaattttttc cccctttttt ttttttaaaa 180
 aaaaaaaaaa aaaaaattt tttttnaaaa tttttttttt ttttaaaaaan ggggggggta 240
 aagggttta anccccaatt tgggttttaa ngggtttttt nggggggaaa aaagggaana 300
 aaacccttta nccctttaan ttttnaanaa aaaaaaaccc ccaaaanttn antttaattt 360
 ggggttngggg gggggaaaaa aaaacccttt tccccccagg gccccccct tccttggggg 420
 gttnaaaaaa ttnggtggg gtgggtccct tccaaaaaaa tttttgggnt tccttggggg 480
 aaaaaaagna aaanggggg gggggaaaaa ggtcctaag gaaaccgaa cttttttcaa 540
 acctgggcn attnccatat acccaatggg ttaaaacttt ggattcttat gacatattcc 600
 tatgaaaata ataaatactg gccttttcct tgcagaaagc ctacagacctg aatcagagaa 660
 aatcatatgc caaagccaac tgccagtgtt agacctcttt ttncataaag agtaaagg 720
 aatgctaaca ctagtgggct tattgagaaa atttaagggt tgctgtagt tttagaactt 780
 aggtcgaaa accatatattt agtgcacat ttactacat gatcttcaa ttagatagct 840
 tgtaactctg tccttacagc acttgctgnt ggtacatgtg aagattttat aaattttaag 900
 gaaagggtgtc tatgatatat agtgaaaagt gtgggaaaaa aatatagaaa ataattttca 960
 cttctnaaac cattatgata aaaatatttg tgtatnggat taagaataga aaggggatta 1020
 tnggatggt tctatttcaa tttctcagnt tatggttngg gccttncctt ttttggaag 1080
 gtacccttg gttattgcct attggaataa aatggatatn aatggggtta aaaantttnt 1140
 caaaaggnc cnaaaatgg aaaatncaa aggaatttcc cttcnttttg gacctanttt 1200
 taagggnaaa aga 1213

<210> 3878
 <211> 972
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(972)
 <223> n = A,T,C or G

<400> 3878
 tccaccctga ctacgccttg gtgcagagt agactctgtc tcaaaaaaaaa aaaaagggaat 60
 cagtttgggt cttggcagaa atcaacataa gggaatntga caagaacccc agtaggtaac 120
 cctgagtgt caaggtccga gcctgtgggt ctcttttacg gcttcataa aaggaccgtg 180
 ccctcacngg aggggggnacc caccggcttt gggctttgtg ggggggtcta aggtgnatgg 240
 ctgccccttc tttttnttca ntcaaccac accccaagct ttttttggt tgggcacttt 300
 nangggggaa agaagaagcc ancccaaat ggagnaagaa ttttaaccct tttttaatct 360
 tcccccaacc ggaagccgaa aaaatgggtt tcccccttg gtttncaana agnangggaa 420
 agttaacca ntccccnttt antgccttg gaacctnggg ggggttttcc ttttttggtt 480
 ngggttgggt ttgggttttt tttncttttt caaatttggg naaattntctt ggtaattttt 540
 aaaaaatggg ttattgggtc agccttgga caccattgg gnacaacntc cttgaaaaaa 600
 ggtngacttg gggccccccc cccctgtttt gggccgggtga agttttccgn accaccnggn 660
 cttnaaaaag tgggtccctt ttgcttctgt ctntttgtt cncttgcttt tgtaaaaact 720
 ttnggtccca agcttgaana cattggcttt gtaaaaacgt ngaagagtca atnccnaang 780
 ggggttattt gtcanaana acttgnctn tgccctttan ccgaangcag tcnaatcntg 840
 ccagttggat ttttcttact ggnggaatga caagaaacag ggattnatnt tgcnttgctg 900
 ganaattttc cgggagtgn tntttaatat ttnagaccc gattctttga catnttantt 960
 gactccaaaa na 972

<210> 3879
 <211> 884
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(884)
 <223> n = A,T,C or G

```
<400> 3879
gggtaaatatt ttgttttata acagtgatc agtatatctg aattatggat tatatggcca      60
tagaactaca agcaaaaagg atacacaaac aaattttgta gttaagacaa atctgttgcc      120
taagatcaag aaatgtaata gatggaggcc atgtagaggt tagaaattca aagaaatcga      180
ggtcaaaaac tggccaatca taacggcata gggattagtt cctaaatttg gtcacttgag      240
aataacagtg tgaatagagt ggagtggag atgtgactgg tgttgtttct aaaaatgtag      300
aattgtcctc ttagtgggg tctaggtagt ttttgagagg tgaatataga cactaacttt      360
ttgttttaca actgaaatca aattgattgg taatttgcaa caaaatattt tttgaccccn      420
ccatttatat cttaccatgt atattatttt cactnggntg ataaagccta tgactacctc      480
gtcagaatac atcatttgct aataaattag ggtttactgg tactgntgga aataacccgt      540
ggcattctac cctccgagaa tctgtttcag gtggctgcac cctttcaaaa tccantgggc      600
gtttggccat ttgnaancct tgtnttttn ccgggggaaa ccaccanggg tcaagtttan      660
ttanggcctt ggcccagtta aggcctggac cgtnttttcc ccaattttgc ttggnnttgg      720
aaatggaatn gggttttcat ttaattnaaa gaaanttgct tgttttgagg ccccatgggt      780
gtggaaaaag naattcnntg aaattgggcc ggttttgaat tanttttaa tcnttantcc      840
ttaagaaaaa aaattttnga anccnttng ggggcnnttg tccn                        884
```

<210> 3880
 <211> 998
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(998)
 <223> n = A,T,C or G

```
<400> 3880
aanaaaatta angngaance tttaaaantt gggcccttgg gancccaatt tnacccaatt      60
ttttaanccc cccaatttgg gaaattttaa aagggttncc aaaggaaaaa atttancctt      120
tggggggaaa ngggggccca aaaaaaaaaa agggaaaaaa ggaacccttc ctttgggttt      180
angnntncc tttttcccc aaggggggga aggggggggg gggggggaaa aaaaatttgg      240
gttccaaccc aagggaaacc anggggggaa tcccaagggg gaagggttcc aatttgggaa      300
ttgggaaccc cttccaaggc ccaaggccca ccttttcttt gggggaaaag gccccaaaaa      360
cccaaatttg aaggggcca ggtttttttc ttttcaaaaa ggggtattga aaaagaaaaa      420
aataaattac ttggatgcca gccttttctt ttttaaccaa acaatgaatg aagtgtgaag      480
atggaatcaa gataagttca gaaatgcatg actttaatac atgctaatag tggagatggt      540
gcttaacta aaaacagaag tcatgtgatc caggacgcac aatcctctgg ctgatggtag      600
aatttgatct gaaataggag acatgctgtg aaaccagtct aggatggaac agatcaggag      660
ggttctggtg agagtcttct tcaagaagat gatccgcaga ataccattt gaatgtggtg      720
aaaggagtta taaacagctg agagaataaa tctaactcag gggaaataga agtggtaatg      780
tatgataagg tcactctgaa tatgatatat ataatcatgt tatgtaacat tgaatattga      840
tctaccacaa ttatagtgat cttgagaaaa gaatagagat tctacagagt taatttctct      900
tctttgggga agtctcngat actctaaacc aaaatcatga tatgtngacc tgtcagaata      960
tgccaaagat actaatgntg agtgtgcatg gaatactg                               998
```

<210> 3881
 <211> 820
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(820)
 <223> n = A,T,C or G

<400> 3881
 tgtccctaaa acttaagtta ataaaaaata ataaataaat aaaaataaaa aaataaaaaac 60
 acattntaaa gggggcaatc cagatggcca gtaaaccatt gtaatagcca gaaattggaa 120
 acatatattc attgacaaca tttaagatta taatatagtc atataatagt cctgatataa 180
 caatggaaat aaattacagc tacacacaac ataatggata agtcttaaaa agccacatgt 240
 acagaataca taccatgtga ttctacttct gtgaagtcaa gaacagacaa aactgaaata 300
 ctcatgtaag gatgcacact aaggtagtaa aactataaag cagagcaaga gagttattac 360
 tataaaagct ctgtcgaggg acaggagttg caattaggaa tatacagga attctgtggt 420
 gctgagagga tttgttgatc tgggtgatgg ttaccangt gtttattcac tttgcaaag 480
 attagttgt atatatgttt tacttaagtg gtatatttca tagttttaaa aggtttaaa 540
 aantagaga atacagcctg ggcattggtg ctaacacctg taatcccaca ctttggagg 600
 ccaagacagg aggccgagtt caggagttca agaaccgctc gggcaacatg gcaaaaccct 660
 catcttntgc aaaaattttt ttaaaaaatt taaccccgcc ctggggggca tgtgcttttg 720
 natagtnccc agnccctctg ggaagcttaa ggtngggagg atnaccttta acccccgagg 780
 gccaaagggt gcantggatc cccaatgga tgcnccttct 820

<210> 3882
 <211> 833
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(833)
 <223> n = A,T,C or G

<400> 3882
 catttatatg agcaaaccac gttttacata acatgctttt ggtatgtatt atgacttttt 60
 acatttctac ttggatttcc tcttcagatc tcagtttcca caaatctgca tccaggttca 120
 gggcctctga ttctgcacaa atcatatgag ccaagtggat tgattactag acagatcaga 180
 tccttcccca gctaataact ctgccttctg attccagtc tcaaaataaa ttgcagcctg 240
 ccattttctt tatgttttat aaggaggagg tgaccacctt ttgtcagttt gcttagtttc 300
 ctattctttg ggctcatctc ccatcttttt tgggtagtct tgctaggagt ggttgggaac 360
 tctgaagccc cattttccca agttgctgag agctatcaga ctttttagctg caggctaaga 420
 gctctgttgc aggcctagtg attggcatta aaagtagggc cangaaatct gtcctcatcc 480
 tcaaatgaga ccaacagata tgtattaaag tggagctgga gtttgcctt ccacccgaga 540
 ctaccaaggg cctttgatgc ttaatgggaa tgtgtgtcta acttgctctt ctgacattta 600
 gcccgatgaa aataaaatat tntatctgtt taagtcnttt ccnaanaaaa ananncaatn 660
 ttntnnnnngn cnnngngaag ggagnnnnng ggtntnnntt nctannncnn gnnnnncnnn 720
 cnannccnnn nggcncctcg nnnccnnntt nnnnttgnnt ttaaanaagn cncnattgg 780
 nttnnnnnan nnnnnnnngg gnnanannnn nccccnngg ccnnttnggg nan 833

<210> 3883
 <211> 863
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(863)
 <223> n = A,T,C or G

<400> 3883
 ggacctggct gcctgctctg acaggtacct gtcactctgcc caccatgggc ttctgggacc 60
 tgctgtagcc cctgccaccc actgctgcag acccaccac tctcagctta gctcaaaagc 120
 tgttctctaa ctcatnctg acnaatagct gnangngttn ccatgantng cnnttnatnc 180

aactctggna	aagaggggatt	taatttnann	gncncttttt	nacangatnn	aatatgttnn	240
gcnttatggg	gnnnnttttc	acantgggtt	tgaanagaca	naagctagan	tncatcntaa	300
naccagatn	nanatgnggn	natttgcaga	gctngtnncc	gaatatcggg	tgccgtcaac	360
tgattangat	tacanttggt	acngtgcagc	cttggnatat	nggccanntt	ttaatntngc	420
caaccnatat	acnttgncaa	agccnttngt	ccgggntatt	aacttgggna	ncncngcann	480
agnnacngnt	tnncatggan	tntgggcaaa	gcgngacttn	gtttnaatan	nccaanggan	540
ataatgggna	attttaaang	annntccctt	tngtganana	antccaaggc	tccattgttc	600
tgcccngttt	tttncnattt	ngtatcccaa	aatgttgtgn	anncttttaa	naaaccaant	660
ggggaaaattn	gaaccnctt	ttccanctct	tggtgaatat	tnttnnantg	gtttaaaatc	720
ccanttccta	aatcnnaaat	ancccttggg	gggnatncng	aaaaagggcg	ntttgaaaaa	780
aaanngaaaa	naagggggna	caatagtgtg	aaagggngt	tttttcnant	tnaatttgga	840
aaggtntntn	tanggcaacc	cct				863

<210> 3884

<211> 904

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(904)

<223> n = A,T,C or G

<400> 3884

taggncgttt	gtatncaaat	ggtggtaggc	ccggcctatc	cactgncaca	aagcgggcaa	60
tgcccctca	agaaccaaga	tgatatcacc	ctccatcaag	acagctcgga	aaagtaaaag	120
ggcatcaggg	gctggaggat	aaaatgatta	tgataaccga	ntgggtggatg	tttgnttata	180
tcaagtcaac	ccagtattaa	aggcctgcct	gatatacaac	cctcgaatgc	aacacagtgt	240
ccttctgagg	ccactctaaa	ggccangaaa	ggtttgctaa	gaagtctgtg	ctgttaaaac	300
agaagaaaaa	gaccttatcc	attntctgtg	ctgggtggtat	agggtagatt	cataaaaaag	360
aaggcaaaat	atttcaaaat	gatcaagaaa	tntgcaagat	gcaagacaga	gtctcaagac	420
agtgccagga	caggatagca	ctcataacat	ataacactgt	gtantgctgt	tgagtgtctg	480
ctgttggtga	gtgctancta	ttgggtgagt	gctttgttgt	tgagtgtctaa	cttgcttgag	540
tgctanctgt	tggtgantgg	cttggttggt	tgantgctaa	ctgggtggtg	aatgccttgg	600
ttggttgaat	gcctaacctg	gttggttggt	tggaattggt	tggttgaagt	tgcttaacc	660
ttggttgggt	tggaatggcc	taanccttgg	ttgggttgga	aangccttgg	gtttgggttg	720
naaatnggcc	ttaanccttg	gtttgggttg	gaaatggcct	ttgggtccct	tgccccctng	780
ggggccccct	gggttttttt	taaagcccc	ttttgggatg	ggtacccaan	tttttccttn	840
cccanttttt	aaaccctttt	ccccccaaa	ataaaacccc	cccttatntt	aanggggccc	900
ggcn						904

<210> 3885

<211> 911

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(911)

<223> n = A,T,C or G

<400> 3885

atatcacagt	ctcagtcggt	ggatgggtaa	tgggatgcc	gcttccccta	ctccagatga	60
ttgatgaaga	aatggagggtg	tatggagatg	agggtgacttg	cccaggatca	gagctttaag	120
tgacagaggc	aatattggaa	ctgaggtttc	cctcattcaa	aagccagtgg	tgcttggttg	180
cactgccaca	ctggagcaga	ctaactgaga	ccgtctctga	tggttccttt	tctacgagag	240
gctttgctg	ccacctgcca	gcacaggtg	atcagaagat	gtggtatgaa	gaccattcag	300
cccgggcgca	gtggctcatg	cctgtaatcc	tagcactttg	ggaggccagg	gcgggtggat	360
cacgaggtca	ggagatcgag	accatcctgg	ctaacacggt	gaaaccctgt	cttctattta	420
aaaaaaaaa	caaaaaacca	aatactcagg	gaaatagccc	ttcagnttnc	ttcaccact	480
tcagaaaaa	tagggaaaag	gaaaagaaca	gggattggga	aaaaggaaaa	aaagnaaaaa	540

ngggangggga	tccgctttta	agcccttang	gagggtttta	aagaattaag	ttcttggggg	600
ccaaatanta	agtnnggagga	anccctggg	ccttctttan	ttttaaaaaa	annnnnnnnn	660
nnnnnnnnnn	nnnnnnnncc	tttcgaagcc	ccttttttaa	aaacttttta	gggggggggc	720
cgtantttac	cgtnngaatt	ccccgnacct	tggntaagga	tnccnttgg	tgaagttng	780
gaccaanccc	caacttgaat	gccgtggaaa	aaaaatcntt	atttgngnaa	attgggagct	840
nttgcttttt	tgnaaccttt	ttagntgcat	taacaagtta	ccaccacat	tgcttcnttt	900
ntgtaggtc	g					911

<210> 3886
 <211> 819
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(819)
 <223> n = A,T,C or G

<400> 3886						
tcacctctct	ccccaaagaa	aacatgtnaa	atgcnagact	gtgtgctctt	aatgacatct	60
atattaaggg	atctgaantn	tccatcataa	atgaacatgg	tacttaccaa	atatcttctg	120
ataantcatt	cagtgtctcag	gntctatgtt	tnttctcctg	tccaagagtg	aacaaactac	180
acatnaccaa	aatattgtaa	ggctaagnaa	taataacggt	gactgnnaaa	atgggaaatg	240
agatagcgtc	aaacgtttgt	gacaaataaa	agcagtcacn	gtaaacactg	gnctttncan	300
ccccatnaat	gatgactttg	tncccaactt	gnattcccaa	cngcatcnca	aanagtaaaa	360
ngagtacat	ggganataaa	acatcatttt	tatcacaagc	ttataacggg	tnattttttt	420
ctgactntgn	gttggagggt	aanngggctt	gctnatattg	catgcagcan	ngaacttacc	480
cgncatatgg	atgcctccct	ctatgctagt	ggctctcncc	tttatggccc	anggatcana	540
ntcatggaaa	gacaggtatc	cctgngggaa	ggtttnggga	tgaaantgg	tcaccttaaa	600
tcatacaggca	ttaaaattct	cataaggcat	gtgcaancta	aatctnttna	catgtgcagt	660
tnacaaggaa	nggggtggca	cttcctctga	aaaatcta	gcctccctgg	tctgccagga	720
aggtacaact	tggnttggga	angnttgnnt	tggtcncngg	tccacatcct	ggtgngccgg	780
ngnggntncc	canaaggccn	ccggctggtn	ncnaattan			819

<210> 3887
 <211> 771
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(771)
 <223> n = A,T,C or G

<400> 3887						
gaactgaaag	atgatgcaca	atcagtagaa	actctgggaa	agccaaaagc	gaaacgaatc	60
aggacgtcaa	aaacaaaaca	agcaagcaaa	aacacagaaa	aagaaagtgc	ttgggtcacct	120
cctcccatag	aaattcggtc	gatttccccc	ttggctagcc	cagctgacgg	agtcaagagc	180
aaaccaagaa	aaactacaga	agtgcagga	acaggtcttg	gaaggaacag	aaagaaactg	240
tcttctatc	caaagcaaat	tttacgcaga	aaaatgctgt	aatttcttgg	gaagatttta	300
atgtacacct	atttgtaaag	tcatacaga	agtgtggatt	attaaatc	tagtttggaa	360
gaaaataact	tatataaatt	attgnaaatt	tttatgtaaa	cagaangtct	tcaataagta	420
aagtaactcc	atatggagtg	attgtttcag	tccaggcaat	ttttctattt	tatattaaga	480
cttcatacat	ttatatatgt	aaatatggct	tattaatgga	atgttaaata	aaatgtatac	540
ttcaaaaaaa	aaaaaaaaaa	aaaaaactcg	agcctntaaa	actatagtga	gtcgttttcc	600
gtagatccaa	ctgataagat	acattgatga	gtttggacaa	ccacactnga	atgcagtga	660
aaaaagctta	tttngaattg	tgatgctatg	cttattggac	catttagctg	cataaacagt	720
tacacacatg	cttcnttatg	tcagtcaggg	gnnggggag	ttttatccgc	c	771

<210> 3888
 <211> 1232

<212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1232)
 <223> n = A,T,C or G

<400> 3888
 gatttgaatt cnatacanct acttgttctt tttgcaggat cccatcgatt cgcccaggga 60
 atgctggctt cctcctattg ctattccttg cctttcctaa tgccttgaat cagtgcattc 120
 attcattngt tcatttcaat cangaaatat ctgttttagca caaacatatg atatttatatt 180
 atctaaagtg ggaaaaagaa atattnggna tntcttcaag tggnttgggt nncctggctt 240
 ccctggagga atttttaaaa aaccgatnnc caaaccattt tttttttcca ccnagnccaa 300
 gggttttggg ntgggcatta ttggttattn caaaaaaagg gttcncctta aaaaggaacc 360
 accaaccctt tttttttaac ccccggttc caaaattttc ctttacnaag ggtccggaan 420
 gtnccaattt nttttttctt tnaaaaaaaa naaaaaanaa aaagggaana ttgggtgggt 480
 tttaaccana ccaaattggg ttttaagtaa aaaaaatttt ttttaanccc ccancccaa 540
 aaagngttgg gttggnccca ntcccccca naaanggggg ggganattt ttttttnaaa 600
 aanttttttt tnnnnnnnnn nngggggggg ggggggcaaa aaaaaatttt gggggaaaaa 660
 aaccaanggg ggccanaaaa atgggggtcc nttnaaaaat tttaancccc nggggggggg 720
 ggaaaccctt caatttgga aatttanttt ccaaaacgtt caaaaaaaa tttaaaattg 780
 gngggtnaaa ttaaaccctt ttttngggga aatngggggg ccntttaaaa aaaattaaac 840
 cctttaaacc ctngggngg aatttcccaa nttttaaaaa attancccca attttngggg 900
 naaaatttgg ggnaanttt tgggaaccct taantttttt ttntttttgg gaanccattt 960
 gggcccgnaa aaaaaaata attttccca aaaaaacca anttaacca gggctttttt 1020
 ttaaaaaaaa aaattggggg gccnttnttg gaaaaacca aantnggttg ggctancccn 1080
 ggggttggcc acccancccc aaangggggn ccccttnggg ggggtttttt ttcttnaaaa 1140
 ngggnaaaaa atcctttttt ggagggccaa anccggggga ancccaaaaa anaaagggtt 1200
 ccccnacntt taccaagggn nnaattgtgn tt 1232

<210> 3889
 <211> 835
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(835)
 <223> n = A,T,C or G

<400> 3889
 gagcctgatg cagcttgtct gtctgatgct tttgttcccc atccacgtcc cccccagtgc 60
 tgaagctggt tcgtgtgtcc ttacagtgtt tcctctgcac ttccacttgt ggttgataag 120
 tggcaggggg acaataaata gagttgatga aagatgggct tgggcagcag tgggccaag 180
 tgaggcagaa atgagaaaag gactcctggg gcagaggtgg agtgacaaag ccttgagcac 240
 gaggtgtgta aatgtgaact tgggtgtgac ctctattggg cagccggggc accacggagg 300
 tggatgtggt gtcagtgaga ccagttagta attttagcag agatacttta gggatgactt 360
 ggggagggca gcangctttt ttaaaatata tatacttccc aaaataacat tgcttcagag 420
 tagtttccta actgccttgg gacaggcctg agatcctgtc ccagggtact tggggggcac 480
 atcctgtcct agggagaggt attcacctnc ccattcccat cccagtcctt ggctgctttt 540
 cctaataatga tcatttatcc ccacattgc cccattctaa cccatatcac ctcttttagag 600
 atacctncc cttcattgag ggagcatncc tnttataacc attaaacttc atattctggc 660
 tgggtttcct ttaaaagcac ttgtgnaaaa tttnggaagt antttaattt ggttaaaacc 720
 ttcatgggcc tcttttcctt ccatttaaaa agngaacct nccttgaaaa acaaggggac 780
 ccggggggga ntctaantant aattcacctc ttggattccc ttaanccccc taaac 835

<210> 3890
 <211> 880
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(880)
 <223> n = A,T,C or G

<400> 3890
 tgtgatgaaa agtgaagctg ataagggat agtgggtgact taggggtgctg atttagagtt 60
 nggtcagaga aagtctttct tgaggagctg tgtgagggtt tgttcctatc taaaggcnca 120
 gaggagattc aggccattg aagatgagaa aacnctcctg gacnacnttc ccactttttt 180
 tgtaggacac tgttttgtna aaatttacat atatggctaa atagtctgaa actatggntt 240
 cantggaanc aaccggtatg tgcccatgga agagttttcc caggaaaaga aaataattca 300
 ttacagnttt nctggcnctc tgaaaaggga ccaggagctg ggaactgctg aaggctaagc 360
 tgctgctatc tgtggnctca aatggagagc cgctatgaaa atgctgcttg caaggggcac 420
 attatataat tctatggggt gatatcccta attttagaat ggaatgaacc taaactcttt 480
 tctggantat gtttttgat tttagcccaa aaaatgcctg gggangngg anggaccccc 540
 ttaacttacn agccatttg gcntggttct ttggggcatt tggccngcca gaaganggaa 600
 ccagccctt tttacctttc atctgaacct gggntggcct ttttttttta aaggnnaaat 660
 nnnnnngnna naaannnnna aaaccttggn nccttttana actttagnng ngctcgtntt 720
 tncgtaanat nccacacttg gataagnntn cctttgatgg aggtttgggn ccaaaccccc 780
 cccttggnaa tgccngtggn aaaaaaang cctttntttg ggggnaaatt tggggangcc 840
 ttttggtctt attttgggaa ccntttntta ggctggccan 880

<210> 3891
 <211> 808
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(808)
 <223> n = A,T,C or G

<400> 3891
 tcatagtcta aaactatcac gtctgagttg ccttaggatg acagtgctga caccagtag 60
 gaagtatccc atttttatca ggaaagttag tcacgcgtag ggatgggtgag gagacgcgta 120
 tggatggtga ggaggggaga ggaggagac ctgctggtgc ccttgcacca gggtagggcc 180
 tgactcaagc tgcttcccc cacagccct gctntgcttg cctgcttttt ccagaatcga 240
 ttttgcaagc ttcaagattc tgttcccctc ttgcgacaag tgaggaaggc aaataactcag 300
 ggtttgaang gagacctgcc ggcctgaggg ctggcaaatg tgagggcagg acacctggga 360
 tggactcgta ggctgaccca ggcccaaagg gggctgcttg ttcccaactc tttcactctg 420
 taaccattt taaaatgagt ttttgaatct tgcctcaaat tgacctactt ggataaaatc 480
 agtgcttttc ctaacttgat tttgtttgac gtggttccct ctaagaaaat ggtaggaatt 540
 gaaactatct gnatatggtg aaattttagt ggggttcanga cccatggcag aaacacttaa 600
 actatattat tacagtatga ctattttttt tcaaagtngg caattctttt gtatatttta 660
 aggcaaataa tcactttacc ttttggtgcc ttncatgcgt cgcantaagc actctgtgca 720
 atcatggnaa ttgggaaaaa aagatgtcca tttagttaaa caagaaaaca ctattttgta 780
 ncatgaattt agaatggggn ccttttaa 808

<210> 3892
 <211> 814
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(814)
 <223> n = A,T,C or G

<400> 3892
 gaatgtcttt gcttgaacac cccagtcac accttcgtgg ggcagatga tgtggtcctg 60

gagttccagt	ggaggaagca	gaaggaaggt	gagtgggaga	ggcctgctgc	ccactttcct	120
tctgagctct	ggtgacagcg	gtgccagtca	gtgttgccat	ggagtccagt	aaagaagaca	180
tagagagagc	tgggcttttag	gaaccagaga	gccagggctg	ttgccacctt	tcgtcatang	240
tgagtaaagg	gactatatag	gctgctgtta	ctcttccaaa	ttctgtcctc	ttccacaatt	300
gtcagcgtag	tctctcttgc	ttggaagaga	tatgctccag	taagagacgg	aagatagaga	360
tttctgtttg	gattgtttct	gggactgaaa	gactctgggc	tcacaagtcc	agggcatttg	420
ccccttgcca	ctctgttgat	ganggagacc	caagggtggtc	tttagtactg	cctactacat	480
accctcagtt	gtcttcacaa	gcatgtagtg	ctctgtctca	aaaaaaaaaa	aaaaaaaaaa	540
ctcgagcctc	taaactatat	gagtcgtatt	acgtagatcc	ngacatgata	agatacattg	600
atgagtttgg	gacaaaccac	aactagaatg	cagtggaaaa	aaanctttat	ttgngaaaat	660
tggggatgct	attgctttat	ttgtaaccat	tataagcctg	caataaacia	gttaaccacc	720
accaattgcc	ttcatttttt	tgtttcangt	tcagggggga	ngggngggga	ggttttttta	780
ttcngggccg	gggggcccac	gcatttgggc	cccg			814

<210> 3893

<211> 825

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(825)

<223> n = A,T,C or G

<400> 3893

taaactttat	tctttttgtt	atcgtttgtc	ctctggtagt	gatcagtggt	cagtctttga	60
aaagaaagga	cctatgaact	caactttagt	tacagcaaag	aatgagtag	gagacggagg	120
gaatggccag	cagccattga	agaggagag	caggctgggc	ccaaggggga	cccagtattg	180
gcagaaagga	aagctcagg	tgtcaagtgg	gcctgagaag	ggatcatctg	gctgaacaag	240
agaggtccac	atgtagctct	cagcacacac	ttgtgcattc	cagcttcagc	atttgctcac	300
acgagttccc	cgctaaaaat	gcctgacatt	ctccctctct	acttaactca	tgtaataaat	360
ttttactgaa	tgctgtgaag	tgccagcttt	ctgaacagag	ttggtcacag	ataaagggtg	420
gtttagagtg	cattaaaatg	gtcaggattt	tgactggatc	tccagtcgga	aaaaaaaaaa	480
aaaaaaactc	gagcctntaa	actatagtga	gtcgtattac	ctnnatccag	acatgataag	540
atcattgatg	agtttggcaa	accacaacta	gaatgcagtg	aaaaaaatgc	tttattttgtg	600
aaatttggga	tgctattgct	ttatttggaa	ccatttntaa	gctgcaataa	acaagttaca	660
accaaccaat	tgcnttcatt	tttntgtttc	aagtttcagg	ggggangtgg	tngggaaggt	720
ttttttaatt	tcncggggccg	cgcccccaa	tgccnttggg	ccccgggacc	ccacnttttt	780
gttcctttta	ntgagggtta	attgccccct	tgngngtaaa	catgg		825

<210> 3894

<211> 836

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(836)

<223> n = A,T,C or G

<400> 3894

gccatcctac	attccagtga	gggttgctga	aaaaatccta	tttgttggag	aatctgncca	60
gangtttgag	aatcagannng	tgaacctgnc	tntanangga	tccattttgc	aaaaccanga	120
anacacttta	tgctgcacta	gctgcaccgt	cctcangcag	nanccactct	tcagctaagg	180
tggactactg	aacaggtggc	ggatcgcat	angcagcact	gtggctgagc	atctntngaa	240
ncnnatggtg	gancaancnn	nttnactggg	tnnnncgaag	accatnnnat	acnttnacct	300
nttgggacca	tganaactgt	ttccagcccc	tantgacgca	gcgaaacaca	tgatgaaaaa	360
caccanccac	tggtagtact	gatcatgatg	tgaagtgtgg	cctntctaca	gttaacngcn	420
cggtgtat	gctatgatga	tgacaccttc	ttcctctgtt	gncttgacgn	gcgnccntac	480
ggcaaggagc	gcaatatatg	tantcaagcg	ngagaagggc	cttcnctgnn	aacttntacn	540
cgnaagcccc	tgntatggct	gggnngccct	aagtctttnc	tacaangtac	aggaggcccc	600

ttcataaaac	tcttcacccc	acatggncct	gnaaaagnac	aaagtggntg	ttaagnctct	660
aacttgatgt	gcgnccggn	gcannctgag	cttgcaggac	ttgctgggcc	ttnaaaangc	720
cngggcnagg	aanttnaagc	tngaannana	aatgangcca	atcnanttgg	gncnnaance	780
aaatcanctg	gggttttttg	gnnganaaaa	tcccnggact	ntttncggg	gttttn	836

<210> 3895

<211> 767

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(767)

<223> n = A,T,C or G

<400> 3895

tgaagacact	gaccttgtcc	cgctacatct	gcgagatgac	cctgcaggaa	taccactatg	60
tccaggagaa	ggcttccaag	ctagctgctg	cctccttact	cctggccctc	tacatgaaga	120
actcggatac	tgggttccct	tcttgacat	tacagtggct	acagtatctc	tgagcttcac	180
cccttggtea	gacagctgaa	caaactgctg	actttcagtt	cttacgatag	tctcaaggct	240
gtgtattaca	agtatttca	cccggctctc	tttgaagtcg	ccaaaatccc	tgcttggat	300
atgttgaagc	tggaggagat	tttgaactgt	gattgtgagg	ctcagggcct	ggtactctag	360
cagcagccac	agggctaagc	atgcatgtta	acaggggtata	tttattctat	gntcgaattt	420
gcttttgatc	gcttttatcc	atttttcctt	tctttgnctt	ttcccaaact	gataatgnta	480
taaatattta	tggtgcttgg	ttttatgaaa	gaaaaaatat	tgncatattt	gactacaaat	540
ttaatataaaa	aattaatggg	tatttggtaaa	aaaaaaaaaa	aaaaaaaaact	cgagcctcta	600
aactatagtg	agtcgattcg	tagatcngac	atgatagana	catgatgagt	tngacaaccn	660
cactagaagc	cggnaaaaaa	gcttattggg	aaattgggat	gctatgctta	ttgnaccatt	720
taactgcata	acaatacaca	catgctcttt	ttgttaggtc	ngggngg		767

<210> 3896

<211> 961

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(961)

<223> n = A,T,C or G

<400> 3896

ggagatgaag	gttggcagca	nctgggtcatg	aangtgtaa	caaggggcct	tcaactgggt	60
gngcgganct	nctgaagatg	tttgcncaa	agaagggttn	ggcctgggtac	acatnaaaac	120
tcttgggacc	tggaggtga	tcgagcctaa	ccnggggcca	tnntacagat	atgaagactg	180
agatgaagac	aggagaagg	ncatgctgng	aagtccatan	actgggcctg	gctcctgggg	240
taaaactaatg	ggnacaaann	tctgangatt	cctgcntana	ccacnaaatg	gacagggnc	300
aggcccntga	tggttagccc	atgcctgaca	ctgacnantt	nacagnccaa	gaacacagng	360
atgaagaata	aaaagtggta	caatcgntt	cacttgtgcc	accaggatac	tttcaatgat	420
tgcnttctctg	tnccacaaan	ttcttttant	cttgggcggc	gacncaantg	anggannggg	480
gaacttatnc	atggacgccc	cctttttctt	cgantgggan	ggaccacttg	aaaacttcat	540
ggaaaggccc	anaggtttac	attggccccc	cattgnacct	tgagcccnna	gcttgggnna	600
tccaggaacc	ttnggggaaat	ttggggccnc	cttggngggg	cttgaccccc	ccataanaag	660
gttccaagnt	gggcccccnt	gccttanggg	atnaaaagccc	gttttaaaacc	aacaatttan	720
ggggttaaag	ggttggccct	ttttcatngc	ccccccntt	naagngtaaa	aanaaanggg	780
ggnacccttn	tanaaaccnc	catngggaaa	aaaaaaactg	nggggccttg	gggnccccct	840
ttggggaatg	ncnccagnag	aaatnccna	ggggccttna	aaaccttttt	cctngggggc	900
aataancctn	aaantttgct	ttnttttaaa	aaaanattcc	ntggaacann	gggggggaaa	960
n						961

<210> 3897

<211> 832

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(832)
<223> n = A,T,C or G

<400> 3897
gtttgcangc tcatggagga agcagcaggg aaaacctggc gctgcaaaat gtgcaggctc 60
gaatacggat ggtcctcgcc tatctgtttg ctccagttgag cctctggtct cggggtgtcc 120
acggtgggct cctcgtgctg ggatccgcca acgtggatga gagtctcctg ggctacctga 180
ccaagtacga ctgctccagt gcggacatca accccatagg cgggatcagc aagacggacc 240
tcagggcctt cgtccagttc tgcattccagc gcttccagct tcttgccctg cagagcatnc 300
tgttgccgcc ggccaccgca nagctggagc ccttggtgta tggacagggt tcccagaccg 360
acgaggaaga tatggggatg acatatgcgg agctctcggg ctatgggaaa ctcangaagg 420
tggccaagat ggggccctac agcatgttct gcaaaactcct cggcatgtgg agacacatct 480
tgcaccccca gacangtcgc ttgacaaagt gaagcgggtt ttctccaagt acttccatga 540
acagacacaa gatgaccacg ctnacacccg cgtaccacgc cgagaactac agcccttgag 600
gacaacaggt ttgatcttgn gaccattttt tgtcaacaca aagctggcct tggcaagttt 660
cgggtgcatan aaaaatnaag tgctacaagc ttccagccct ntanaactat agtgagtcgt 720
nttacgtnga tccncanttt gataagaatn catttggtga gtttnggnca aaccnccact 780
tggaatgccg tggaaaaaaa gcttttnttt tgtgaaaatt ggggaaggct nt 832

<210> 3898
<211> 821
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(821)
<223> n = A,T,C or G

<400> 3898
cttaatgtta tcaactcattg aaaagtttct tttaaaatta tatatatggc ccaatcttga 60
actatcttat ttggaaggt tttatctatt tttaatattat gtccctccgc ctttctcata 120
cccagctcca caagaaaata cagatctgca gaaaatgatt tgaatgccta ctttctcact 180
cgtccaagga tgatgctgca tagctagtac cactctagat gcttggaaga aaagttaatt 240
caatcaacag atagtgcatg agagtttaatt tcttttatag aactccattt gagaggggct 300
cttaaaaaatt aagagcatgc ataccaaaagt ataataaaaa aaattaagaa caaagatgta 360
atggcttact gcatgagata gaaaacaccc atatattgaa aattgagctt ttagggctag 420
tttttatatt attttatata tatatatata tatatatata tttttttttt ttttgagaca 480
gagtcctact ctgtttccca gactggagtg caatggcatg atctcggctc acggcagcct 540
ctgcctnctg gcttcaatca gttctcatgc ctgtagtccc actgctcang aggctgaggt 600
gggaggatca cctgaatgag ccttggggang ncaangctgc aatgaaccat gaacacacca 660
ctggactnta acctgggcaa aaanantgag aaaccggttt caaaaaagaa aaaaaatctg 720
gaataacctt ttgggccttt tgggttaatn nnaaangnnn nnnnnnnnnn nnnncnnann 780
gnnnnnnnnn ngnnaaaaann nnnnnnnnaa naaaaaaccc n 821

<210> 3899
<211> 881
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(881)
<223> n = A,T,C or G

<400> 3899

agttttaact	tgaacccctt	cagtcaggat	gaacataaag	ctctcaagtt	cttgaaagga	60
tgagacacaa	gaataagatg	gggtaccagt	gaccagctcc	tctacctggg	gtcatggagg	120
accgaagacc	ctccaacctt	gatgcctgta	aggacaggcg	ctcctgtaag	ggatcagggtg	180
taaagaatct	ggccatagct	cctgtacaaa	gcctctttgt	ctgaagtact	tgggtgctct	240
ttgacggcag	gagggaaacac	aacctgtcgg	tggctgctgg	acctcaccac	gggggctcag	300
tggacataag	atctattgac	aggccctggc	agtcaccant	gggtgtgtgt	ggcantggct	360
gtgggggtgtg	agaatgactg	caacaggcac	ttctcaacaa	tgacctgctg	ttcacatggg	420
ccctgagcan	ggaggaagg	agagggacaa	tggaaagcttt	gttccagcat	tcctcttana	480
aaggggagag	acaatttcan	gcaggtgtna	tggaaattgga	ataaaagcag	gangctcaan	540
gggtgggttt	cttgagtaaa	aggacaaaaa	tcgtgggtgc	ttttgtnggt	tcaaccacaa	600
ccctttcatt	gggccagaca	ccccacattt	ttttcccta	ctggncctcc	atTTTTTgcc	660
cccttttttt	ncttaccttg	ccttnccaaa	aaaataagaa	tgcttgcttt	attaaaccca	720
ttttgggggg	cttgcttctt	ttgggtcaag	gaagggtgtn	ttgcaaaaaa	tnccttcnc	780
ccangggatt	naaatgaaat	ngggttgttc	ccccctggag	ccttnttaac	aaccttttta	840
acccaggtgt	tcaaaaaaat	ttntttcccc	cncccnccn	t		881

<210> 3900

<211> 812

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(812)

<223> n = A,T,C or G

<400> 3900

ctctgcagtc	tcttaagcag	attgactatg	atgcatgtca	cataaaacag	ttttctttct	60
gttctattgt	ggagtttttc	tggggctgga	gaacattctt	ttgttatttc	caaacactgt	120
ctataattac	canacatgat	ataaacacat	aagggtgcaa	ctggaattta	ctctagagg	180
gactttccct	ctcagacttc	cagtcaactc	acacttgctc	aacaaagtgc	atgctgtccc	240
ctaaatatgc	aagcagaact	gtgtttctgc	ctatttggtg	tctatagtcc	tctacagtca	300
cttctanaga	gactaaacca	aattttctacc	aacttcacag	ggcaacaatc	aatagtttta	360
tctcaatgac	tcttgatctt	tcagacctta	aactgattca	nagaccatgg	ggccccacaa	420
cctaatacaga	gtaacgtttt	cattgagtac	acattcanac	atgagaatct	tcactttncc	480
cttttttctc	ttggtaaaat	gttcacaaat	gtgcaggtaa	cacctgctgc	tactccagcc	540
attcngggccc	taaatctgca	gctctacatt	ttgtatctag	gtcttgagaa	ttgggaaata	600
gaaaattttt	atctaaaaat	gcaggtcctt	ttggttatca	aactcagaca	ttgaaatgaa	660
agtgacagnta	cccctttctc	ctcctttgna	atatgnattc	atctcttgga	aactgggtcac	720
tattggccnc	aagtagatgt	atattnaact	ggttatncc	acattggaca	ctgggtttta	780
taccctnaac	cctaaaggaa	tatggcccaa	ca			812

<210> 3901

<211> 815

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(815)

<223> n = A,T,C or G

<400> 3901

actttatatg	gattctctaa	ttttaatctt	caaaatgcta	tctaattgtct	cattaagact	60
tgcatataat	gtatcttaag	tacagtcatt	aaatatagtt	tagggagatt	tatgttcaga	120
tattgcttaa	agatgtttta	ataggcccat	ttactctgat	gatattaatg	agctcttaat	180
acagactaag	cttctaaaac	tagtggtaaa	gactcccagc	ctgaacacaa	caacttgga	240
ttaatgcctg	ntttggacag	atgcctgagg	gtgagtcctg	cacacactcg	agggtcancg	300
cgagccccct	gctggatgga	gccttgtttc	anaaaggggc	ctcctgtaac	gggctctggc	360
tgctgactcc	agagcaccca	ttcttcggcc	agcctgagta	ctgtcttttt	tctcccccaa	420
actgtgcaca	ggacatgtgc	taactaggcc	gaagtacctc	tccaagggtta	tttgagaagc	480

gctgatagcc	ttggcgggtg	cactgnggcc	tgtgaggggt	taaaggangc	tgttgctgaa	540
attncgtgga	agcatctgcc	aagtaaggtg	tgcacagact	ggcatcgta	cntgaaacaa	600
gcntncctnt	gncaccaagt	gaactgnaaa	annggcacatg	ggtgtgcttt	catcttttan	660
gcattcatcc	tancttgaaa	tacatgtaat	aaangngncc	tgctttatttc	aacntcgga	720
ccnnaaanaa	angcnnaaaa	aancctcgan	cctttaaaac	ttttntgagt	tttttttcnt	780
aaatccaaac	ttgataagaa	acattngtgg	agttt			815

<210> 3902

<211> 820

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(820)

<223> n = A,T,C or G

<400> 3902

ccaaactaga	agctgtcagt	gacaataact	tggaattagt	caatgaaatt	cttgaagaca	60
tcactcctct	aataaatgtg	gatgaaaatg	tggcagaatt	ggttggtata	ctcaaagaac	120
ctcacttcca	gtcactgttg	gaggcccatg	atattgtggc	atcaaagtgt	tatgattcac	180
ctccatcaag	cccagaaatg	aataattctt	ctatcaataa	tcagttatta	ccagtagatg	240
ccattcgtat	tcttgggtatt	cacaaaagag	ctggggaacc	actgggtgtg	acatttaggg	300
ttgaaaataa	tgatctggta	attgcccga	tcctccatgg	gggaatgata	gatcgacaag	360
gtctacttca	tgtgggagat	ataattaaag	aagtcaatgg	ccatgagggt	ggaaataatc	420
caaaggaatt	acaagaatta	ctgaaaaata	ttagtggaag	tgtcacccta	aaaatcttac	480
caagttatag	agatccatta	ctcctcacag	gtatttgtga	agtgtcattt	tgattatnat	540
ccatacaatg	gccaccta	ccttgcaaag	aagcaggatt	gnagttttnc	aaaaggagag	600
atcttcanat	tgtaaaatag	agaagatncc	aaatggngg	caggcttnc	catgttaaaa	660
aaaggangga	aaccnctggt	cttcnttnca	agccaattnc	tgggaanaaa	aaaaaaangg	720
cttttggttaa	aanaaactgg	ggacaattca	agganccttt	ttgggggact	ntaagttgcc	780
aaaaaaaaa	aaaaaaaaac	tcggnccctt	taaactntng			820

<210> 3903

<211> 726

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(726)

<223> n = A,T,C or G

<400> 3903

tnnaanctaa	tgcttggtta	cttggtcttt	ttgcaggatc	ccatcgattc	ggtgagccac	60
tgcgcccggc	caaagacact	ttcaaatact	catgattgga	tatgcctctg	tgattgacag	120
tgagatttca	aatgggttaa	agattgctct	gcaaagaggt	taactgttga	gattgatata	180
ggctatcttc	aacatatgta	cattgctgta	tatgacattt	acctaccatt	gtgcatctgg	240
gacttcctga	tggaccacag	gaattccctt	ttcttcccat	tctcttccag	atctttcttc	300
tacttgaaac	cccttatcta	caaaaatgaa	taaacaaccc	aatctcattt	ctgatcgtgt	360
cctggaattg	atctagggca	aggtctggag	aagtgggtgg	agacagcaga	cagcttttgt	420
tagtcttcta	acccagcac	tttctcagcc	tcactgtgt	gttctgtct	cactctgcag	480
acctcacttc	acaatgctct	tcagatcctt	taatgaatag	gaaattgatt	ttgggtattt	540
ctataaaata	cagcaaagtc	ttagaaactt	gcagtgtcct	taagaagaaa	gatcccttct	600
tatctccctg	ccagtttttc	tttctttatg	gctcaaacac	taactgattt	tgccatggag	660
gtattngtct	tcanactgct	tttgggtgaac	tgggttgagg	acataaccgc	ttgtctggta	720
tatttt						726

<210> 3904

<211> 797

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(797)

<223> n = A,T,C or G

<400> 3904

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ccaaaacacc	ttcagtgttt	ggagaggcta	ttatgtcaat	aagtaaagaa	catgctactg	180
tgaaaaaggt	acaggaacaa	aaaagagttg	ccaaaaataa	aaaatattat	tgtaaggtaa	240
aaaatttcat	aaatgggcct	aatagtgga	tggatataac	tgaaaactaa	gatggtgatg	300
aggaagacag	tcaagaataa	atataccaaa	gtagcaaaga	aatacctgtg	caagtagaat	360
agcttgcttc	aaacagatga	gatttgcct	cccaacatca	aaacatatca	caaaactaca	420
gtaattaagt	ccctttgagg	ccagcactga	ctgggataag	caaatagata	aatgggatgt	480
aacaggcctt	atttcaaaact	aataggttgt	tcaccaactc	ctagttggat	accctgctat	540
ccattatgaa	aaagaaaaaa	aggtaagttc	tcatcttaca	ccatacttaa	atttcagatg	600
aattaagtat	taaacataaa	aattaaatga	aacatggggt	tncctgggga	ttctaagcct	660
actccaactt	ggaagctgca	aagttggctt	tgtgntctac	atgggaaaaa	aaatagaact	720
gcaaaggaga	atatttacta	ttgactactt	aaacttaaaa	tactacatga	cangnnctgt	780
aaaatagtta	aagatat					797

<210> 3905

<211> 756

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(756)

<223> n = A,T,C or G

<400> 3905

gtgnnnnnnt	tgaatctttg	ctactaanng	cttggcnact	ngttctttnt	ncaggnagcc	60
catgcgattc	gaattcggca	cgaggggaag	gtctggctcc	agcttgagcc	cactcacagg	120
atgtcagggg	gaagtgtgac	taaggtcacg	gccacgccac	gtgggtgggc	agctggatcc	180
agagcagggg	ccgttgtggc	cacacatcct	gagtttccat	ggtctaatac	agtgggcttg	240
aaaaaaaaag	gtggatgcag	gatgctggct	gggactgtgg	agtgcgtggg	cagtaagtct	300
taagtgcag	tgggtggaga	ttacagcatt	tcatctgctt	ttcctttgac	acctttttaa	360
gatacaaccc	acagttttca	agggtttatg	ccaatgtctg	ctagagggat	cttgcagtag	420
atcttaaac	ctatagtatt	cttaagagca	caaggaaaat	cttatttggg	ttccatttac	480
aacaaaggtg	gaaattttaa	actaggctga	gaatttgaaa	tgctgttcac	attaagcagt	540
ttattagggg	gttattttga	aatcgttcct	taagtaattt	taagatgttt	ccacatctca	600
aaaggatnca	tacatttttc	ttcatttttc	tttgagagaat	gtctgttcaa	ggatgtttac	660
caggtttggg	ttttcaaaat	ttcagcggct	tttatngngc	tggcattcca	ttcgacagat	720
tgaatttgc	cccttanagg	aaatgggaat	gttttt			756

<210> 3906

<211> 755

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(755)

<223> n = A,T,C or G

<400> 3906

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tngattcgct	gtgaagacct	ggaaacagnc	aaaaaagact	tgccaagctc	cagactgtcc	120

agctggatga	agatatgcaa	gacttatgaa	ctttatttcc	tcctcacctc	tttttggcat	180
cagcggcaaa	tcttttcatg	aagccccaag	gacacaaaac	attttcccat	ttaaaggaaa	240
acactctagt	tttgcaagta	tatgcataca	agagacttta	gattgatctg	catgaagatc	300
acagttaagt	atacaggagt	agaactgcat	tattgcagcc	tttttgttca	cttataaatt	360
tctcttttaa	atagatggag	acaaaggaca	aggtgaaatg	tatcaagtca	aagtgaatca	420
tttagttgac	tctataattc	taaggtcaaa	atggaacttg	atagtttttt	aaattaaaaa	480
atgtatacac	ctaacaataga	aaattaaaga	tagctgcaga	ccattagaaa	taatacaatt	540
gtntntgttt	acttttactn	catgggcatt	gaaaaggtta	agaaacataa	atgggtcatat	600
ttttaagggt	aagtacatgc	atatatatat	gcacacacac	ctntttttca	gcattttttt	660
gaaaaagtct	tggggtctca	aacacatttg	netcaaccac	attttncnaa	atgtgattct	720
taatacctca	atnttggcct	ganaaaagtg	ccngg			755

<210> 3907
 <211> 738
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(738)
 <223> n = A,T,C or G

<400> 3907						
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catcgattcg	aattcggcac	gaggccaggc	taatttttgt	attttttagta	gagatggggg	120
ttcaccatgt	ctcaaaactc	tgacctcagg	cgatccaccc	acctcagcgt	cccaaagtgc	180
tgggattata	ggcgtgagcc	accgcacctg	gcctatgagt	ggctctttta	ttaggaacaa	240
atctaattga	aaggagagtt	gactgaagtt	ggcccacagg	attgtgagct	gggcagtgcc	300
ttcatgaagg	cttgccacct	tgggacgccc	cagtttactg	gggtgtcttg	cggagtgcag	360
aagctttctg	gcagctgcct	gggtttggcc	agaccctgcc	tcccctcccg	ccggccaacc	420
cctagtcccc	ttcctgtctc	cacttgcatt	caggggtggc	tgctgttctg	agaacattag	480
aactgggaag	agagatggga	gtcacatgga	tttttgggtg	gcattattct	gaactttcgt	540
atccaagtta	gtccccctta	ttccactgtg	ggcattgccc	gtctaagcag	ttacctgatg	600
cctgctgctg	aaantgtctc	acaggangcg	gcggcggccc	tggcactgnc	cttgcatatg	660
ncttnggttt	gatgtgttct	tgngaattac	tttgtcagac	aaaatattac	ccgttggggtc	720
angaattctt	ttactccc					738

<210> 3908
 <211> 731
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(731)
 <223> n = A,T,C or G

<400> 3908						
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cccacgcgtt	cgaattcggc	acgaggtttt	ntgttatagg	taacaggaaa	acaaactaat	120
ncaagtggta	atgtgtccag	ctaaaaattt	gggttctgtt	aagggttaaaa	gaaaatttga	180
ggtaaccagc	agtatgtgcc	tcagatgctg	anaagcctcc	tgagataaga	gcgtatacca	240
tgtccataac	tgaagtttta	acattctntg	ccaaacagaa	ccagaattta	agggcaggag	300
aatttgcaag	atagaatttg	caatttgcaa	gaggggaattg	caattctgca	agagaggggc	360
aatttgcaat	ttgcacagag	agggcaattt	gcaagagaga	attgtggggc	cctnagagag	420
aatacatcca	naggaagagg	gaaccangcn	ttacaaattg	aatngaacaa	ggacagatat	480
ctgaaggggg	tttggtagt	cccantcaag	tatggtacan	ctangtgac	ttccctggcc	540
agaccacct	acagtgtatg	atccccctgg	ggagcaaaa	ctgcaagtaa	cacttttggg	600
gccctataaa	ttctgctgtg	gngccactat	acngatcaca	gccaaantggg	cattgtnccc	660
ttttacacag	gatctgggca	tncaacnccan	gattgcacat	ctggcacgan	tgtgtctgga	720
caggaagacc	t					731

<210> 3909
 <211> 747
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(747)
 <223> n = A,T,C or G

<400> 3909
 ttctttgaaa cctnanggct tgggcnactc gttctttntc caggagccc atgcgnttcg 60
 aattcggcac gaggtcatt gatagcaagt aagtacttcc tgaaggcttt ccagttcaaa 120
 agattacaag ccattctgcc tgccaaacaa attatattct gaagatgcct gttttgtaac 180
 ccttgatgtg aatttttttg tgtctgaaat ttacaaaaga atgaaattga aattgtaaaa 240
 cactaaatgc tttgggttta ttttgaagta atctgttact ttaaaatgtc aacattagga 300
 agccataaaa caagatatta tgaaacccan tattataaat gttatctaca tctaaagtat 360
 tttaaaataa cttattggca gctttattct ttttttctt acaagattta gaatcttttt 420
 gggtatatgt ctatttttca attttgttat atttttaatt taagtggcca atgtggttat 480
 gaacaagatt tgtatggtca gcttctgttc tttcctaaaa cttcagatna atatcatttt 540
 agctataacc taaaaaagtg ttaataaaaa tgacagatgt taatttaaaa gcagccatat 600
 gctaattttac tttttcatat gatgatggtc taatgggaag ttccatatgc tttcttttgg 660
 gcctaactct gaaaaaggtn tatgtcagaa gttctnggaa atatgtcttt agccaaggaa 720
 ttttattccc cttaaaattt ggnatcc 747

<210> 3910
 <211> 748
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(748)
 <223> n = A,T,C or G

<400> 3910
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 tggggccac natagaccag ctgtagctna ttncancctg taccttggtt gatgggtaac 180
 ctacnactgc atcccatnct gaatatnctt tgaaactccn cannagtgtt tatttaagtg 240
 taaannctcc tnagagnact gnnncnnnnn atngtgnatc tnnccctgnc cntnganngc 300
 tnnangngcn ccactactnc aanccanaaa gaaaagngtg ctgntcataa ngccncanta 360
 cggatctgan ntcatnagga tnacattnnc cnaaaggag tnaantgnng gnaantgcnt 420
 gncactatat gaantacacn ncantctgtt antcactttt aatnanntac tgancccttt 480
 ctaactatca ggcgtnttat tncatgaatc ccncctgggt aagatacatt tntgaactng 540
 ntcaaangcn aacttcaatg cngtganana aatgctctat ntngggaacn ttggngannc 600
 tntngctata ttngaaacgn ntntnacctt gggactggcc aagtnaacan cnttcaatta 660
 ccnttaaant ntantgttta aaggntncaa ngggnaggtc ntgtgncnt nattaaatnt 720
 aanaagnngn ccatatccng ttnattcg 748

<210> 3911
 <211> 719
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(719)
 <223> n = A,T,C or G

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<400> 3911
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gatgtagagc tgagttgaac ctattcccct gatcttacta atgaggtgcc tgatattcag      180
agagaccaag ggacatcccc aaagtcaacc agcaatccat tagagctgag cctagtagct      240
tgattctcag acatgaatgc tacttggtga attgaaaatt gcattcataa tacatctctt      300
catagattcc tggccaggaa gcccagaga ccaaaacagt ggttatcaat atttagaata      360
tatcagattt acctggggag ctttatcaa atccacactc ctaagcccaa tagggggaaa      420
ctctgatgtg gtaggtttag ggtaagacct gagtatttcc aagaaaacct ccctggatga      480
tcctgacaca gggagctttc agatcatcct ttgagaaaat ctgctttaga gctcattctt      540
tggttcggct ntctcttttg agctcactga tatcatcctt gtggacactg aacttttctg      600
gaagctttct catctcagga attggtttgg gttactctac aatcagattt ccatncagga      660
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<210> 3912
<211> 755
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(755)
<223> n = A,T,C or G

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<400> 3912
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attggtgtat gtcactgaaa attccacagg tacagtgggc ttcaggcatg gtttgattgg      180
gatgccagct ccgttttgct gagattccat tggttctgct ttctaccgtg ttccagcccg      240
gttttaggtg caaaacagng gtggaaatgt taggcttcac atcaccgtac cacatagacc      300
aaaatgagag ctaatatcca ggatgagaat gaacagctct tctaatacagg ctgtcataaa      360
aataagggaag cttattttat agaagccttt accaaacctc cttctttgac ttgntgntcc      420
aaattggatt aaccagccca ttcttgccgc caaggaaata cacactgggt aaccagctct      480
ttactaacc atacctttag caaagagatt ggattaccga acaacttgat tgctctggag      540
actactttg agttggggtg tgagatagta gataggagaa tgatctgtaa gtagatattg      600
gataagcgag taagaaatgc aaactacact gaggtcttgc actggtctag gttttgggac      660
ccagatgtaa taggacatag ntcttttctc gagcctctag aactatagtg agtcgtatta      720
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<210> 3913
<211> 739
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(739)
<223> n = A,T,C or G

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<400> 3913
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cataacctct gacagccact gatgtgttct ttatgactat agttttaact ctggaagaat      180
gtcatgtaaa tggggctctg tgttttgcag catcatgcag ctgtaacctt tgattcagca      240
gataacaatg tgcattggct ctccactcaa ggtaatgcct ttcagattca ttcaagtggc      300
cgcattctatc ggtagttctt tccttttcat tgctgagcag tattccatca caaggggtgta      360
ccacagtttg ttctgtgact catcaaagga catttaggtt gcttctagtn tttggttaatt      420
atgaatagag ctgcttaaaa acagtgtaca catgttttta taggaacata agttntcagt      480
tcttttaggt aaatgccaac aaatgaaatt gctaggctat atgttaagta tatgcctgac      540
tatgaaaaac tgcccacatc tttccagtgc ggctgatcac tctgcattct catcagcagt      600
gaacaagggt tctagttgct ccctaccctn ttcagaatgt ggnattgnca gaattttaag      660

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tttanccag	tcttaagaag	tttngtattg	ntatcatatc	atgggtttta	atttggnant	720
tecctgaccg	gataatggn					739

<210> 3914
 <211> 749
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(749)
 <223> n = A,T,C or G

<400> 3914						60
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acgagtccta	tncttctgca	ctatcangng	tnttntactn	cctgctnaan	ncnntgttgt	240
ccatttnatt	aagacagaag	ttntctntat	tgtnaaattt	gaactgtatc	tatgttataa	300
tagtaatggt	aactcantcc	aaaggaccta	ntnacaggaa	gtaacntgtc	ntacatatca	360
gtnnatatan	ggnnntnagt	agggacatac	tgtgatcttg	gnatacttgn	aattttttan	420
nttctctggc	ggttcantgc	attgatnnat	cacatnatnn	taanacatgt	atgttgagac	480
anagcangan	tctgtctcaa	aaaaagggaa	aaattcctgg	actacataaa	ttaaaagtcc	540
atgaatagga	ttggcttcta	gcatgcccct	tcnggtgctc	agacacttaa	tcagaaattg	600
gacttgangt	tanttttatt	ctcaggccaa	ccttctccag	tantgatgaa	nanggccacn	660
cagcaactnt	gacctgccan	tntggcaaaa	atggatcana	aaagtgtaan	ctaagctgca	720
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<210> 3915
 <211> 734
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(734)
 <223> n = A,T,C or G

<400> 3915						60
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ctcaagtgtg	taggtgggcc	cagctggctt	cgtgcaggag	ggcacgtcac	tgcatacgac	240
ccggccaccg	tggtctgaag	gacagcgcca	aagatgggtt	agagtcactg	ctgtgggagt	300
cttcgtcccc	acacagagga	caggctgtct	agctccactg	tgcaagatga	tgcacaccca	360
gaccagtgtg	gtcaggacga	tgctgtctac	gacagcaatg	gtgaagatgc	ctaccgtggg	420
cccctctctc	ctgcagcctg	ctgcggggcag	gacgtctcag	tggtctgtgag	ctcgtctccg	480
gcccagggtg	ttggacatct	cacagatacc	acacgggtctt	ccaaggggac	caccaaggat	540
gggggtctct	caagagagca	acagagatct	tagtcattct	cagggcctcc	gttgtctctg	600
ctctgccggt	cttctggaca	acggacaatc	caacatatca	atgagatgca	tctgagattc	660
tgtctcanag	tggaagctt	tggaagagac	ccttcaactc	attgactgag	tcattctccat	720
gctgggagt	gcttccacag	ggacagtga	cctctgtctga	caaaagcccc	tgctattcct	734
taactgtcct	gggc					

<210> 3916
 <211> 743
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(743)

<223> n = A,T,C or G

<400> 3916

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ttacaggcat	gagccacat	gcccggccct	ggatgtattn	tctatcctag	aatgtccacc	180
tttaaaaatg	aagcccagtg	aaaagtgttc	ccccactaaa	atgtggactg	ttttgcttgc	240
agggatgtgt	gggtttctgg	tagatagaag	gctagagcta	gcaccttccc	aaattgcaga	300
ggaatcaatc	ctggcttgtc	tgtgagctgg	ggaggaatgg	aaaggtaggg	gccttgagag	360
tccttaatta	catagggaat	gtcctatcat	tttgtntatt	ctttaaaaag	ataatgggat	420
tctttntn	tggtgttagt	ctcgctttgt	cacgcaggct	ggggtgcaat	ggtgtgatct	480
cggctcactg	catcctctgn	ttcctgggtt	caagcaattc	tctgcctca	gcctctcaag	540
tagctaagat	tacaggcatg	caccaacatg	cccactaatn	tttgtactnt	tagtaaagac	600
ngggttttgc	catngttggc	caagcttggt	ctcaaactcc	tgacctcaga	tgatccaccc	660
tntttgggaa	ccaaggcagg	aagattgctg	gcagccaaga	attcnanggt	gcaatgagct	720
atgattacat	cactgngctt	caa				743

<210> 3917

<211> 733

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(733)

<223> n = A,T,C or G

<400> 3917

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aaaatgaaat	gagaacttac	ttttattatc	ctcacttata	cagatgagga	aaccaagaca	180
cccagagatt	aataatttgc	ctaaggtaac	aaaattagta	agcatcgtaa	ccaggatttt	240
tggtcagctc	acacaccttc	cccgttccct	cactatagtg	cctgctgcaa	attgtacttt	300
aagctatagt	tggacaaaat	attaaaatct	atctgggatg	ataggtgacc	aaaaaaaaaa	360
gtatatattga	aagtatcaca	gtgttaacag	ggcagtgaa	atgataaggc	taagatacag	420
aaaggaaaacc	agagagcaga	gtctactgct	tgggactgtg	gtcctccag	gcacctttga	480
ccattcccaa	taagggtaccg	tgagaccctg	agcactcttc	ctgtaccacc	tacacagctc	540
tctcttccct	ttcctgggtt	tactttattt	ttcactatca	gcactgtgtg	cactatattg	600
tcgttatgtc	agtatttgtt	tggtgattac	ccattctcca	tggctaggaa	tgctcagctcc	660
agcctgggca	acaagagcta	actccatctc	aaaaaaggaa	aaaaaaaaaa	aaaaaaaaaac	720
tcgggccttt	ana					733

<210> 3918

<211> 748

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(748)

<223> n = A,T,C or G

<400> 3918

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ccctcagtg	gtacaccagc	ctcccagcac	ttcctcatgt	tcaccaacac	ggaagcttat	180
cagagcttgt	tgtttcagaa	ctcaattgcc	agctcactgc	tgaagagatt	ggtgggtagg	240
gctgaaagaa	atatcagtg	gtctttgtgg	tattcagccc	catcctgaga	tggcctatcc	300
aggggctcta	taagaagtca	cctcattagc	ataaactcac	atgtgaccaa	aaggatcttg	360
ttatgaataa	caaaagatgt	tcttattact	caggaaatcc	caagagttaa	gatgctctgt	420
gtcagggaag	tggggatgca	gaccaatttc	ttattctatc	acattaacca	gaatcaagct	480

tataaaaaatg	tatttttttt	tgtatggtcc	tcantgtgcc	tacttgaata	atTTTTgctg	540
atTTgattaa	aaaattctgn	ttttccattc	tcttttatta	gctgtcccat	agttttaata	600
cagccatcat	cccaagacca	gaaggaagtt	aagtgtcat	ttataaaaat	gattgnatcc	660
tncttttcca	tctattactt	ttgngtccat	tatgcatgtc	aagctggtgc	ttgggagctt	720
actctntgna	ccctctatta	gacagang				748

<210> 3919

<211> 723

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(723)

<223> n = A,T,C or G

<400> 3919

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taggtttttg	tatgtcta	atacagagaa	atTTccaaag	actttttaat	ctttgcttag	180
cataaggagt	ttagtcagta	actattacaa	ggaaaaaatg	atcagttttc	atTTgtcagt	240
tctataagcc	ccaggcaagt	ttctttcgg	tttgactttt	tattaattaa	ccatataccta	300
agtgtctaaa	gccatgagtc	atTTttaaaa	tttatctttt	tttgtatgcc	atcacttcta	360
gttttaccac	tttgtactca	caaagaagcc	acaaatggat	taatcattat	gtcatctaag	420
gaaataaatc	catggcatag	gggtaaatTT	aaaaataact	ttgtactagg	atTTtataat	480
agcttaaatt	tattgaagg	ctactgtgtc	acaatcaaca	tgctcagcat	ttttcatgtg	540
ttattttcca	tttgttaactg	gcaactactt	aggattatTT	agttaaaatc	ccttccttta	600
tggaatgaga	tgtctgttta	ttacgtttac	agccacatta	cagatctatt	gacataaact	660
ccactatgg	aattgtgtc	ctttttttcc	ccctctctgg	ttcacctgct	caatggttta	720
aca						723

<210> 3920

<211> 723

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(723)

<223> n = A,T,C or G

<400> 3920

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gtagtgtct	cagcattctt	caaatagtcc	ggcttgttt	aatattatta	ttattattgt	180
tatttaattt	tattttattg	caactgtact	tagagaatag	tctggtcttg	agaccttttc	240
actgtggtct	gttctgggtg	acggctccca	ccagtgtgaa	gcagaaggat	gactttgctc	300
tgttgtcagg	acaaccttga	aggaaggagc	caaatgtgtg	gaggtctgtg	ggaagagaga	360
gccacctagc	atgtccccc	tgaaccagtc	agcagaaggc	cttccccagg	aggcctccaa	420
cagatccctg	aatgccacag	aaacctcaga	ggcttgggat	cccaggaccc	tccagcgctc	480
aagatctccc	ttgccgtgg	cctttccgtc	atcacactgg	ccacagtcct	ctccaatgcc	540
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ggctccctgg	ccaccaccga	cctcttggtt	tccatcttgg	taatgcccat	cagcatcgcc	660
tataccatca	cccacacctg	gnactttggc	caaatcttgt	gtgacatctg	gctgncctct	720
gan						723

<210> 3921

<211> 719

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(719)
 <223> n = A,T,C or G

<400> 3921
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 ctcattgggt ggatcaccca caacttcatg ggcctcttct agtggaagct ggagcatttc 180
 cttggtgaat tcttttccct gaggggcaag atccatgccca cacagctctc tgaccctgtg 240
 tgtcacaacc cttatgggtcc atgagcaaaa tgggtgctag tagtcatttg ggcattttctc 300
 ttctgttttc ttatgtgtgt aataagatat acaaagtcgg gcttgaagat tagaaattgc 360
 tacttccagt gagtcagttt acttggtttt cacatcttca agttgagtct agaattggagt 420
 tacctaagaa aaggaaattt gcagccttca gtaccgtgtc ctgggggttg tagaataact 480
 agtgccatat ccactctact ggctctctag agattgtgta aaggaggctg gccttttgga 540
 gatgatctga atacatggta ttgaggacaa accttcttcc caaggctgat ttgataatat 600
 gtgagtttgt ggggtctaaca tgtagaaata cactcaactg aatggatgtg gggtaactctg 660
 ggtatttaga cagggtggtt tggtnngttt aatgggncca aaccttgttt nctggaaaa 719

<210> 3922
 <211> 745
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(745)
 <223> n = A,T,C or G

<400> 3922
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 gagagttaag taggcactga atattttaagt tgagctgagg ggagtgatct agactggaca 180
 taaatttttg gagtcaactag tatacagatg gcatgtcatg gaactgattg anattgtttg 240
 tggccttaag atcaagccct gcnagactgg agtaataaaa ctctgggtctc ccacacagtc 300
 agctctgngt ggggaaaaaa aagccctaaa acactaacia cggctaaagc ttgggcaaaag 360
 ganactgaaa aggttcagcc nttaaagtgg gagagtattt tattattttc aagaaagagg 420
 gaatggcac ctctgtcaaa tgctgntgan aagttacaca atgagaatag agaaatgtct 480
 atttgatnt gacaacatga tgggtgactgt tttgacaagt ggnccaagcc acattgggat 540
 gcttcgaaga gagaatagga agtgagggtga atatcgacag ctcggttaggg aaatttgctg 600
 ctgtaaaaatg gagagaacca cttaatgctt caganggaaa tgggggtcaaa aaaaaaggct 660
 ttttttttta atttttttaa naacaggagg nccttcannc atccagggtg gagtgcattg 720
 ngcaaatnnc cggttaccaa anacn 745

<210> 3923
 <211> 747
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(747)
 <223> n = A,T,C or G

<400> 3923
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 tgactctggg aaagcctttc tgatgatctc aagcttgcan attctgtccc tgttctgacc 180
 gggggtcaca gcctagtggg agaacaggac ctctgtctaa gatgctggaa ggaccctttg 240
 ggggagctga ggctgtgtc ccctctcccc aggcgcaggt gcacaggcgt gtgggtgtc 300
 tgcaagcaca gatcctgcct cacagcacca ttaccacaat aactgaatct gtgtttctctg 360

gctgctgtta	attgtgctan	agatttgggg	catggttttg	gggtgaaggt	tnnaaatgag	420
caattagccc	tnaaatgtta	aactaataag	ggaaataaat	gatcaagcaa	agtctagcct	480
angaggtttc	agcaaccgaa	gatgggctgg	gacggggctg	ggatgccgcc	gacccagcag	540
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gctatcttnc	tgtctgctac	ttagaaagtt	ctatcttacc	cccnggatct	nacttacacc	660
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<210> 3924
 <211> 743
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(743)
 <223> n = A,T,C or G

<400> 3924						
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atgggaaaca	accgaggaaa	gctggagcag	gttacgtata	aaaataaagt	ccattcacca	180
aaaaaggcat	tacttacgag	ttaccagggg	tgagagatag	gatgctgaag	tgggtctagaa	240
attaagctac	ccagtatgga	agggctgaca	attcagtgat	cgagagcagt	gccttagaac	300
agccaaaaca	atagcaaact	gagatctgca	gaattaactc	tcctgaaaat	aacaaggagg	360
tactcatttc	acgtttcctt	ctatttgatt	tacaagaggg	tgtagcttga	gggaaaatgc	420
ctcacacttg	ttgaattaca	cagttgtttc	tcattcactt	ttaatcacgt	tttgagcacc	480
tgctaagtac	caggcatttt	gctaattgag	agcacagagg	taaaagacac	atcactactg	540
tatgaaatgc	gtagctcant	ggtgtgatac	acaagcacag	agaggtnacc	agagagcaag	600
gagggcatgg	aaganaggcc	ttnnactttt	ggactgggaa	nggagaaaaga	tgtangacaa	660
gaaaatcttt	cccttaagga	gcttgatgct	ttgaacttgt	gccctngngg	aatgaanaag	720
ttnacccant	tngggcttan	cnt				743

<210> 3925
 <211> 743
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(743)
 <223> n = A,T,C or G

<400> 3925						
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tggggttgac	cagaggtagg	caaaggaagg	cctgtgggcc	aaatctggcc	agctacctgt	180
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gcctatgata	tttactgtct	ggccctatac	anaaaaagct	tgctgacctc	tgggttagac	360
tgtcaggtgg	tananaacta	ggagggagtg	ataagtcctt	gttggccacc	tgaggttttg	420
nctgtgtcag	gaagctgcag	atgggagatg	tccaggcagt	ggctcanaag	aacccatgga	480
ggaccattta	agggaanggt	tggtatgtgg	acaccancca	cgcccangtg	aaccanctgt	540
gcagtcaaat	acanaacttn	ccgtccctta	caccttcctt	ctctgnggtt	tcaattttag	600
tgaaagtcan	ccacaccnca	nangtngaac	caacccgtgc	agtcaaaatn	caaaactttc	660
cttgcccttt	taaaccttcc	tttttncctg	gtttccaatc	ctgggtggaag	gtccataagc	720
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<210> 3926
 <211> 787
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(787)

<223> n = A,T,C or G

<400> 3926

ggggnnnanng	cccttnctcc	angcngtaac	tctcgggaan	ggcccggcnn	cttggttcttn	60
cnnacaggnag	cccctcgctt	cgctcnacna	catnnctggg	ccctttttca	tggggattna	120
tgncnagtgt	nnngggacag	gaccattcan	tggctggntt	nnaannttga	tggngtnaan	180
tgcnnttaga	ataaanngaa	cagancaaaa	taangnnngg	ntagnaggaa	gatggnatgc	240
acatganaag	ataanggcag	cagnanaggt	gagggaanga	gtggatatng	gggaatgacn	300
ttatnaangc	cangaaacta	gaatctnagn	gacggaaaag	ctnnaaaagn	tctgagncnc	360
ttnnncnanac	ggnggggtacc	cnggggtcga	acaaaccgnc	ttctttgaca	tgttggtanca	420
tactgaacan	ggnttcnnaa	tcctgcggcc	aangnaagac	acgnagncta	nccnagtcgc	480
tanngccnna	accaatggcn	attncnagge	gtgatctaac	gcactacagc	ttgnactcct	540
gggctgaggc	ggganaaatca	cttggaccga	ggaggcatga	anttgcangt	gagnctnaga	600
acacgccaat	gncatacgcc	tngnncccn	anggnccnaa	aacccccggt	cttaanaaaaa	660
angggaccca	agaaagggng	gaatccccc	accccgcccc	nntagaacca	tnntcacctt	720
aaaggggaag	gnnnctttta	nggaaaanna	nccgggcntg	gggnaaaaaa	acanggcctt	780
ntaggn						787

<210> 3927

<211> 736

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(736)

<223> n = A,T,C or G

<400> 3927

tnnttgnan	ctaangcttg	gnagctngtt	gttcttnn	caggntncca	tcgattcgctc	60
tgtggttggg	agcctgaatg	tgaatcgctg	caaccagacc	acagggcagt	gtgagtgtcg	120
gccaggttat	caggggcttc	actgtgaaac	ctgcaaagag	ggcttttacc	ttaaattacac	180
ttctgggctc	tgtcagccat	gtgactgtag	tccacatgga	gctctcagca	taccgtgcaa	240
cagttctggg	aaatgccagt	gcaaagtggg	tgtcattggc	tctatatgtg	accgatgcca	300
agatggatat	tatggcttta	gtaagaatgg	ctgcttgccc	tgccaatgca	ataatcggtc	360
tgccagttgc	gatgcctca	cagggtgctt	tttaaactgc	caggaaaata	gcaaaggaaa	420
tcactgtgaa	gaatgtaaag	aaggatttta	tcagagtcct	gatgccacta	aagaatgtct	480
tcgctgcctt	tgttcagcag	tgacatctac	aggcagctgc	tctataaaat	cgagtgaatt	540
ggaacctgaa	tgtgaccagt	gtaaagatgg	ttacataggc	ccgactgcaa	taaatgtgaa	600
aaatggctat	tacaattttg	acagcatctt	gtagaaagtg	ccaatgtcac	ggccatgtgg	660
gaccccgatt	aaaactccca	aagatttgta	agcccnaaaa	ntggtgantg	catcaactgg	720
cttcatacac	ccactg					736

<210> 3928

<211> 753

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(753)

<223> n = A,T,C or G

<400> 3928

agggnnnnn	nnnttnncta	ctgnaacctc	taanngcttg	gcnacttggt	ctttttgcag	60
gnagcccagc	gattcgaatt	cggcacgaga	taacctaggt	nttagaagga	taggaacaac	120

aaacatcatg	atcttacaca	cctgcacttt	ctagcaccag	ctcctggaga	aaaatcgaga	180
ggctgaatgg	tgctctgtaa	cagattatag	tcagttaggc	ctctttcctc	agatgttgta	240
tcttatcaat	ggcagacatt	ttcaacctga	aagacacatg	ctcattacaa	gacttagtag	300
tgctctaacc	ctgttttcac	ttatcagtcc	aagacgtagc	cgacatcaaa	gtattcagct	360
tattacagaa	ttgacttcct	caaagtttct	ctcagtgttt	atccaagatg	taattcactt	420
agcatcttta	tctcgtgca	caggactaga	gttgccctcg	aaaaaactca	ggataccact	480
tggctataga	tcacagtact	tgttcctcgt	atttgcgtta	actngtgtga	atatgcagcc	540
tccgtgagat	atttgcatac	tgcttctgtg	aacacacagg	acaacagact	gtcttccgca	600
gtcatacact	cagtcataatt	ctcaaatagg	tattccagtt	caaagtata	aaatcagtag	660
tcttacatgt	tacagantgg	gtgggatgtt	cctttgccag	gggattaaaa	aaaaaaaaat	720
cccaagtctt	aatactgntt	tctnccnacy	aat			753

<210> 3929

<211> 754

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(754)

<223> n = A,T,C or G

<400> 3929

ngngnnnnnn	ntttnnannc	nnttgaaac	ctgtgcnagg	ctcttggttct	ttttgcaggn	60
acccatcgat	tcgattcggc	acgaggtgga	ataatatctt	ttgaaataac	taagtccact	120
aaattatata	gtatgctatt	ctggttctaa	gtacatatta	gtcccttggc	aaatctgttc	180
tttcaaagca	taccttcccc	aaatgagcct	acctacttct	taaaaaacat	ataacacaat	240
gtggtagtag	taggtgttag	gaaggtaagt	tntttcatag	gggnatgcan	acatatnatt	300
gaaatattac	atagatntaa	agacttaggg	aataaaaaata	gcagcaacaa	atacttgata	360
gatttatcct	acttgggaga	aatattttgt	agcagagtat	ttagtatact	tagaagttga	420
tttagcaatt	aggctttaat	gaccttacaa	agtgaacata	actgaacaca	ngtatTTTTc	480
caatgcaaga	tgaggatgaa	aatnttacat	tttaacccat	ctggctaaag	tttagactta	540
gcaaaaatna	anatgntgcc	tttgnccaag	tatngattca	ngngactaga	catatatggg	600
tgtgtaataa	gganggattg	gactgaaata	tnntttgcag	ggtttcacat	gtaaaactgc	660
acttgccttg	naaggatnnt	ggnaanaatc	tgngtttttc	ctcagncnnc	nttnagaaca	720
gtaaggggnc	ctaacctnnt	ttaacccgta	aatg			754

<210> 3930

<211> 788

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(788)

<223> n = A,T,C or G

<400> 3930

gnnnnnnnaa	gngnntnnnn	tttgatanen	tnttnaanct	taanggcttg	gctacttggt	60
ctttttgcag	gtccccagcg	attcgaattc	ggcacgagcc	cgccacatgg	cctgttttctt	120
tccttgctgc	tcctgcagca	cagccctgac	tcgggggctt	tgctgttccc	ctcancgctg	180
caggggccca	tccttctctt	gtcctggctt	ctgcttagcc	agcgcacggt	caggggaggca	240
tgggtggcca	gcccgcaagg	agccaggcct	cccagcaccc	cttcccttgt	gtggcctcct	300
cccacatggg	atctcagccg	gtcctggctt	caactaaaca	ggacgtggca	ggcgtgatgc	360
cctgccaatt	ccaggcctaa	gccttgacac	agcctggcag	cttctgcttc	tgaattgcag	420
gaccccaact	gtcatgtaaa	gaagtctggc	tgctttgctg	gaaaggccaa	atggagagac	480
cacgtgagag	gccacatana	caggccttgt	ggagagggaa	aggtgctgag	actacctgga	540
angggagccc	agttgaccaa	acacccccca	ctgagcccat	cccccagnca	ttccttgcca	600
ggacacccaa	catgtaagt	angcatcccg	ggccgttcca	ancttggnc	ancgccantg	660
ggactgtaac	ttgcannagn	aaaaattttg	cttttnnaacn	aaaagtactt	ggccnancnt	720
gaanccccan	ttngtccca	cannaattcc	ttggagagna	taaacccaaa	ttgaattggt	780

<210> 3931
<211> 460
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(460)
<223> n = A,T,C or G

<400> 3931
ttcnaccagc tcttgttctt tttgcaggat ccctcgattc gaattcggca cgaggcttgt 60
tctggggaaa gctcatataa gtatggattt tattcctcaa ctagtaggat accaatactg 120
gtattgaaac ttggggaaaa taactggaga taccagtga gctatttaaa gctgtagcaa 180
gggctgcaat cttgcggaga ttttaaagag aagttttaaa gtttctaata ctgatgcctc 240
tttttggtta atacaagttt tataaatcct gccctgggat cctgattccc cattaatcaa 300
gatttgctcag acttcacctt ctataattag aaaacacagt tataagaaca gtcaattttt 360
taaattttcc aaattaaaaa attgcaccat gattttgaac aagcacttcc aattacatta 420
cccattctgt atgccatagg tgggagtata attgtcacag 460

<210> 3932
<211> 719
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(719)
<223> n = A,T,C or G

<400> 3932
anctaangct tggctacttg ttctttttgc aggancccat cgattcgaat tcggcacgag 60
attttaagtg tgcagctcag ccgtatttag tgtattcaca atgttctgca accaccagcc 120
tcctgagtag ctgggtgtgc accctgcacc cagccagaag tggaatatct tgttggggct 180
gggcttagag ctggagctgg tggccggctc tgctcgctta cagaattctg tacggtttct 240
gatttctctc agcccatctg tccttcactt gcaagcatct gatgactgct gcatgtacca 300
taaaaacatg caaatatata attccttggt ttgaggaggt gaccctatga aattgactta 360
aaaaagttgg gctggatata gtggctggcg cctgtaatcc cagcactttg agaggctcag 420
gccggagggt cgcttgagcc caggagtgtt ataccctgtc tgagagagaa ttagctgggc 480
atgttagtgt gcgcctgtgg tcccagctac tcaggaggcg gggcgagagg gatccttcca 540
gctgagatgt gagggttctt tgagcccagg aggtccatac tgcagtgagc catgattggg 600
ccactgcatt ctagcctcag tgacagantg agactgttta aaaaaaaaaa aaaaaactcg 660
agcctntnaa ctatagttag tcgtattacg tagatccnga catgataaga tacattgat 719

<210> 3933
<211> 742
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(742)
<223> n = A,T,C or G

<400> 3933
agagnntnnn nnttggtgac tctaattggct tggctactng ttctttntnc aggagcccag 60
cgattcgaat tcggcacgag gcctggcgaa tttttttgt atttttggta gaggtttcgtc 120
atgttgctta ggatggtctc aaactcctga gctcaagtga tccacctgcc tcggcctccc 180
agagtgcctg gattacagtg tgagccacca tgccctcacct aggggtgttg gtttttaagt 240

gaaacatgca	catggtaaac	attaaaaccg	tctaaaaggc	tggaccatga	aaagcaaggc	300
tcccttctcc	cacccaatcc	ctgaattctc	cctggagagt	atccctccta	agtgcacgca	360
cttccactct	gttccatttc	tgctgttaa	aactacttag	tgagcttag	tgtagtggaa	420
cctgttcag	aataacccat	atgggtcttc	tttattctca	tgaaccacag	agcatttcat	480
gtgttgata	tattgtctcc	tacttacgga	catttggggt	tgtttctgtt	tttgtttgtt	540
ttgtgacgga	ctcttgctct	gtcaccagg	ctggagtga	gtggcacagt	ctcgtcatt	600
gcaaccttca	cctcctgggt	tccaacgatt	cttccctctc	acctcccaag	tagctgggga	660
ctacaggtgc	ctgccaccat	gccactnat	ttttggattt	tttggtaaaa	caggggttca	720
ccatgtttgg	ccaggcttgg	tn				742

<210> 3934

<211> 799

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(799)

<223> n = A,T,C or G

<400> 3934

agtttnnnan	ntnaacnnnt	tgctgccata	gcgtggcttt	ttgcaggacc	catcgattcg	60
aattcggcac	gagggggccc	ccatttttct	caaatnccct	gagcctcaag	aggtggngga	120
agagttgaag	aagtacctgt	cgtanggaga	tttgggtaga	agccctcatg	ctgagctttg	180
tgccctgggt	gatgttgga	cattaatgat	ggaacatggc	caaacttcag	tcatgatcct	240
gaaaccatgc	cttcaggatc	atgactgaag	tcatggtttc	ttccctgcc	gaaatgaagg	300
ttcagttatg	aggcaaccct	ctagtaaggc	attgtaaaag	ttactggntt	nggtttaata	360
aaagttgaaa	tanagtanat	gaaaganaaa	ananaaactc	nagcctctag	aactatagt	420
agtcgtatta	cgtagatcca	gacatgatag	ggatacattg	atgactttgg	acaaaccaca	480
actagaatgc	actgaaaaaa	atgctttatt	tgtgaaattc	gtgangctat	tgctttattt	540
gnaaccatta	taagctgcaa	taaacaagtt	aacaacagcc	aattgcattn	catttcatgt	600
ttccaggttc	aggggggaag	gncttgggga	aggggttttt	taaatttnac	ggggccgccg	660
tggnccaatg	ccnttggggc	cccggtagcc	caagcttttn	ggttnccctt	ttantgnaag	720
gggttnaatt	ggccccccct	tngggcntta	aatncatngg	gncantaacc	tnggnncccc	780
cnggggtggg	aaaaatttt					799

<210> 3935

<211> 834

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(834)

<223> n = A,T,C or G

<400> 3935

agagnnnnnn	ttgannctaa	tngctggtn	ctcgttcttt	ntncaggagc	cnancgantc	60
ggtaaatcc	tgggttccag	gctcaagcct	tccactgtat	gctccatggt	accagctatg	120
ccttttgaac	gggagatggt	gcataaataa	ttgttgagta	tgcaacttag	attctttgct	180
aacatcacat	ttggtgaaac	tataaaataa	ttcccatgaa	aattggattg	cttaatatca	240
taactgatat	ttaataatat	ttaatatgct	tctaaaattt	ctggctaaaa	tgaaaaatatt	300
caaccatcag	gaaggagaaa	caaaactatt	actgtttgta	aacagtttat	catcagtact	360
tacctaaaaa	tcttgagaa	tgagctcaga	aatatttcta	agagttgaga	cagtttagca	420
aatgaacag	atacaacctc	aaaccaaacc	aaactagaaa	gctcagagga	cacagaaatg	480
ccagtactga	gctggcaaca	cctctgttgt	ttgtgaaaat	gttctctgga	acacatggac	540
acaggaaggg	gaacatcaca	ttctggggac	tggttggtggg	tgggggggatg	ggggaaaggg	600
ganaantncn	nngnnnnnnn	nnnncccant	nnnnntnnnn	nnnnnttttn	nnnnnnnnnn	660
nnnnnnnnnn	nttnannnnn	nnnnngggnn	nnnnnnnnan	nnnnnctttg	gnnnnnnnnn	720
nnnnnnnnnn	nnnnannnnn	nnnnnnnnnn	nnnnnnccnn	nnnnnaaaan	nnnnnnnnnn	780
ntnnnnnnnn	tnnnnnaaan	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	834

<210> 3936
 <211> 748
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(748)
 <223> n = A,T,C or G

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<400> 3936
agagnnnnnn tttttgaanc taatggctgg ctactngttc tttntncang atcccatgcg      60
attcgaattc ggcacgagtg gaagctctca ggccaagggtg attgacagag atggttttga      120
agtaatggaa tgtataaaag gagaccagta tattgtggac atggccaaca ccaagggtca      180
tacagcaatg cttcatactg gctcatggca tcccaaaata aaggggagaat ttatgacttg      240
ctcaaatgat gcgactgtga ggacgtggga agttgaaaat ccaaagaagc aaaaaagtgt      300
gtttaaacca cggacgatgc aaggcaaaaa agtcattccc actacgtgca catatagtag      360
agatggaaac ctcatagcag ctgcctgccca gaatggaagc atacagatct gggaccgaaa      420
tttgactgtt catcctaagt tccactataa acaggctcat gactcgggca cagacacttt      480
tgcgtgactt tttcctatga tggtaatgtc cttgcctctc gtggagggtga cgattcatta      540
aaattatggg acatccgaca atttaataaa ccactttttt cacctcgggt cttcccacca      600
tgttccaat gactgactgc tgtttcagtc cagatgataa gtcataagtc actggtacat      660
ctattcaaag agggatgtgg cancggaaca cttggtttct ttgaaccgta ggactttcca      720
aagggtgtat gaaatagaca tcccagat                                     748
```

<210> 3937
 <211> 747
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(747)
 <223> n = A,T,C or G

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<400> 3937
agnnntttn nctttgaatn tnatgctggc tacttgttct ttttgagggt ngcccatcga      60
ttcgaattcg gcacgaggta agatcctgcc tcaaaaaaaaa aagtttatgt tctcaaagtg      120
ctcataatct agtggtagta cagtatttga gatattagag cagtttctcc tccttttgca      180
actaaggaca tgtatcctta aagcagaagg aatggcagag tcgtgtaata aaccctcaag      240
taccattact tagcttcaac aactatcgac actctactgt tcttgtttca tttatgcctc      300
acctccttcc catccccac ttgaatattc tcatcctttt tttacagttt ttaagataac      360
aattacataa ctgaaatgca caaatcttag ctgtacagtt ttgacatatg gatacacctg      420
tgtaaccaat gactgtatca caacatagag catttcatct cccagcaag atccatgtgt      480
cttttcttag ttaatgcctc tttatttctg agatggttat tgctctgctt ttgtttttca      540
tgttaggcta gtcttgctg ttctagaatt tcatataact gagaacatac agnaatgtac      600
tactagtag tgtctgactt tttcacaag gataatgtct ggcggtattc attcatgctg      660
ggngtatgca tcagtagttn attntctttt tactattaag tagtggttcta aggactattt      720
taatagcatn ccacaaangg ggtntga                                     747
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<210> 3938
 <211> 747
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(747)
 <223> n = A,T,C or G

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<400> 3938
agttnttcnc angannactn antgggctgc cctactcggt ctttttgag gnngcccatc 60
nattcgaatt cggcacgagg tgtgggtcan tttcatcaag tactttacaa ggtaatagaa 120
tatcacaagg caagtggagg cagggtgaga tcacgggacc agggcgaaat taaaattgct 180
aaatgaagtt tcgggcacca ttgtcattga taacatctta tcaggagaca gggttttgag 240
atcaaccagt ctgacaaaaa tttattaggc gggaatttcc tcttcctaata agcctggga 300
gcgctatggg agactggggg ctatttcacc cctgcagttt cgacagtaag agacggccac 360
gcccaggggg ccagttaaga gaccacccc cagggtgcga ttctctttct cagggatgtt 420
ccttgctgag aaaaagaatt cagtgatatt tctcccatgt gcttttgaaa gaagagaaat 480
atggctctgt tccgccgggc tcaccggcgg ccagagttaa aggnatcttc tcttattccc 540
tgacaatcgc tgttatcctg ntttttcaag gtgcccacat ttcattatgc tcaaacacac 600
atgtgtgaca atttgtgcag ttaatacagt tattacaggg tcttgagggt acatacatcc 660
tcctcagctg acaggattaa gagattnaag taagtaaaga caggcatagg aaatcacaag 720
ggtattgact gggggaagtg ataantn 747

```

<210> 3939

<211> 810

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(810)

<223> n = A,T,C or G

```

<400> 3939
agncnttnnc canntnnact nctntggctg cncatactcg tctcgcccn annangacag 60
ggcnnggcga atnccggcacn cagaggcagg tnggtttttt aaaaggtnaa cacaccngtt 120
atgccttcnn gtacgggcat gcgagccaga agantntgca nctgcnnnga gagatgaagc 180
naaactntgc aacattcaac tgcattaaan aaaaatgatg ccnanagggc ctttgagcaa 240
gaaatgnngg nngatnaang acacccgngg ccngaactct gcgcgggaca tnnnggttat 300
ggctctgtna gctcntaaen ctgcagntga cccagacnnc tannggcngg actaggggat 360
gangcggtc actgtgggcn ntncgtgaga ccncaggnc nncatgatga ctgnaaacag 420
antccanan actctactgg atcctccctt ttccttgcta acacatgaaa ctgatccagg 480
atacacagcg caanaagnat ctgaatggca gtgaattctc ttnaacataa cccgcnatgg 540
cnatnggggc ttcantggaa tagangggta cagggtcaacn ggggttgacc ctgcggnntn 600
gnnngnncan cggcntntng agncanaaat acncgtaang ccaantttac agccatgaan 660
caaggatccc cnttngggn tttggggatc atcacggnat tgntgttggt ggcantaacg 720
ctgaaatgga aaagggaacc ttgcccctta natgaccctt tggggaaanc ccctnaaaan 780
ggaatcgtaa aagnccaanc nccaangtcg 810

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<210> 3940

<211> 749

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(749)

<223> n = A,T,C or G

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<400> 3940
agagnnnnn ntnttgactc ctaatggctg ggctactngt tctttntnca ngtngeccag 60
cgantcgaat tcggcacgag ataacttcta aggaacacaa ccaccctcac atgcactatc 120
tcatttgat ttctgtcaat tctgaaaggc cagcatttgg ccagtattat ttgaatctgt 180
attgtatttt ttaaccagaa gaatgaaggt ttatagcttc attcttttgg aagaggaggc 240
tgagagaccac aggttaaagc cagggtgcatc gctcttgccc ggccctggaa gggtcctttc 300
tccctccttt tacactcgca gacaagcttg tggatgctca ataaggacag ctgccgtttg 360
gacagagatt aatcatttat ttgtgaaggt ttttctgccc ttgctttctt gttctttttt 420
aaatcttcac attgttttga tcccaaaatg tttgtgtgt ccttactcaa aactaggaaa 480
aacaattatg tggtgaagag ctcagagcca cttacttaaa tctcactaga tttatttgtg 540

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agaacatctg	ttttctgata	tttagacact	tntctttcca	ttgctgtttc	ctatgactca	600
tgcacagtta	tttgttcagg	tttcatggga	atttcccaag	tgtatttacc	tttgtttggg	660
tttttaaaaa	tgtaaattat	attggcccaa	taaatgagta	tgtgttgtca	nggggactgt	720
ggctgggtca	ttgcatgtgg	aaggggaan				749

<210> 3941
 <211> 740
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(740)
 <223> n = A,T,C or G

<400> 3941						
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agtccacact	gcagaccctc	ccagagattg	tggcaaagga	agcacaggtg	aaagtggccg	180
aggtggaggg	cgagcaggtg	gacaacaagg	ccaagctgga	ggccacgctg	caggaggagg	240
cggccatcca	gcaggagcac	cgtgagaagg	agctgcagaa	gcgctcggag	gtggcgaagg	300
attttgagcc	cgaacgtgtg	gtagctgctc	cccaaaggcc	ggggaccgag	ccacagccag	360
aaatgcctga	cacagtctct	cagtcagaga	ccttgaagga	cactgccccg	gtgctggagg	420
gcttgaagga	ggaagagatc	acgaaggagg	aaatcgacat	cctcagcgat	gcctgctcta	480
agctgcagga	gcagaagaag	tcactcacca	aggagaagga	ggagctggac	tgctgaagga	540
ggatgtgcag	gactacagcg	aggacttgca	gggagatcaa	gaagggaact	ttcaaagact	600
ggtgaagaaa	aattccgtgg	aagaatctaa	agccagcaag	agattgacna	aaagggtgca	660
gcaaatgatc	gggcagatcg	atgctttgat	ctccactgga	gatggccaca	gcttgcagct	720
ggcccggcaa	cggatgccct					740

<210> 3942
 <211> 746
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(746)
 <223> n = A,T,C or G

<400> 3942						
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tccatatttt	actattcatg	agtttagaag	agtgtttact	ttcctgagtt	ttcatttcct	180
tctttttcct	ctgtcatagg	taatttacag	agcaaatagc	caccagagag	gataaccgtaa	240
gggatgtgga	aaatgagttc	ctttgcgctt	atccagtgag	gttgattttc	agtcaatgag	300
cattcagtat	atgcctggga	ctctggcttt	atttttttagc	tttgtgatgc	caaaccctac	360
aatgaacttc	tctgtatatt	tgattcatca	tgaaatgggt	acactgaggg	tggtctgattt	420
ccaggttttac	atcagttgcc	ccaggggaag	tgccctggccc	ttgtctgggt	gttgcctgctc	480
taactttgcc	ctgttaattg	aagaaatgcg	gctgtaaaaca	cttctgggggt	gttgcctggta	540
ttttctgtcc	tcacagttta	cagagaaacc	catattttca	gcctcttctc	ctgctttctg	600
tcttttctgg	aaccatcttc	accgacctgg	tgtaatcttc	attggngtgt	gantntgcac	660
agatgtaaca	tctnctcaaa	gcctantgcc	caccttccaa	cttcacgaaa	atctggagct	720
caggaccacc	attctttcca	aacctt				746

<210> 3943
 <211> 743
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(743)
 <223> n = A,T,C or G

<400> 3943
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 cgaattcggc acgaggggca ggctttgaga ggatcgactg caattttgaa agaagttgta 120
 ccgtgagtaa aatgcgatca aacagcattg catgcttcag agaaatcttt cttcacaaaa 180
 ggaacaattg gtgcagcaaa attaatcttc ttattttaag aaattgtcag ccgggtgtga 240
 gccaccatgc ccggccgaca taggctatct tttaaaatgc aagctcttct gaaccatata 300
 atatgatgtt ttaaaatata gactctgaag acaaagacct gggctcagaa tcaggcccca 360
 ccacttatct tcaatggaat cttgtctgaa tcttgtaatc tttccaagcc tcagtttttt 420
 catctgtata atagggataa aaataatagt aaacaaataa atgtatttct tttgaatatc 480
 tagtagtatt ttaaaaatca gataactaga attatataac tctatgtgct ttatttttta 540
 cttgtttgct gggaatcaaa gagcttagtt ttgttttttg ntntttgntt ttttttgaga 600
 ccggagtctc gctctgtcac tgcactacag cctgggtgat agaataacac tctgtctcaa 660
 aaaaaaaaaa aaaggaaaaa ggatgaaatc acacttgagg caaaaaacc aangcatatt 720
 taaagatttg ngatattgggt taa 743

<210> 3944
 <211> 754
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(754)
 <223> n = A,T,C or G

<400> 3944
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 tcgattcgaa ttcggcgcca gattgencat tgnttttctc tgtaagttgt ctttatcagt 120
 gggtctcaaa gtgtgggtccc ctgctagtat agtntcagcc tcacattgga actggttaga 180
 aatgcagact tctcaggatc cacctaattg cagnagttaa ttttaacaag cccttcggtg 240
 atcctgaaac atgttacagt ttgagaaaca ctgtataat acgtgtcatt tnaaattgnt 300
 tcagggtgtg ggggtaggga ataagactac caattttattc atcttctgtg caatattacc 360
 tgtttaccta actcttagag atattaanan attttgaaga atgtgtccca tgagattata 420
 atggaactga caaattccta tngcttagtg atntcatagc tgncatgaag ncttantgct 480
 gtaccttact catgtgtntg nggtggngat nggtgtacaca aatcttctgc actgccagtc 540
 gnctgaaagt atagcacatg gccggcgccg gtggntcacg cctataatcc caacactttg 600
 ngaggcttga tgcaggcaga tcacaaggtc aggnanattg agaccatnct ggctaaccac 660
 ggggaaaccc tgtctcttct anaaatncca aaattagctn nggtgtggtg cncacgtttt 720
 gtaatcctgg ctacttggan gctgaagcac caga 754

<210> 3945
 <211> 749
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(749)
 <223> n = A,T,C or G

<400> 3945
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 cgtctcaccg tgatcaagtt gaggggnttn cggctccctt ctacagcctc agaaaccaga 120
 ctggttcttc tgggaaccct gccactccc aggaccaaga ttggcctgag gctgcactaa 180
 aattcactta gggctcgagca tntgttttgc tgataaatat taaggagaat tcatgactct 240
 tgacagcttt tctctcttca ctccccaagt caaggggagg ggtggcaggg gtctgtttcc 300
 tgggaagtcag gctcatctgg cctgttggca tgggggtggg acagtgtgca cagtgtgggg 360

gcaggggagg	gctaagcagg	cctgggtttg	agggctgntc	eggagaccgt	cactncaggt	420
gcattctgga	agcattanac	cccaggatgg	agcgaccaac	atgtcatcca	tgtggaatct	480
tggtggcttt	gaggacattc	tggaatatgc	cactgaccag	tgtgaacaaa	agggatgtgt	540
tatggggctg	gaagtgtgat	taggtangag	ggaaactgtt	ggaccgactt	ctggcccctg	600
ctcaacactg	accctctga	atggtnggag	gcagtgcgcc	agtgcctaaa	aatcccacca	660
ttantggatc	ggnnctatg	aaaaagaagc	ctggaaaaag	tattggggcc	aatgtgttaa	720
gngnggaatc	ancacattcn	tactgnnat				749

<210> 3946

<211> 749

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(749)

<223> n = A,T,C or G

<400> 3946

agnnnnnnnt	tnnntctttg	ngcctaatagc	ttggctactt	gttctttttg	caggnaacca	60
tcgattcgaa	ttcggcacga	ggacttgatt	tggtaatgaa	aggacaaata	gctttcataa	120
catgaacata	caaaaataga	tgctttgctg	ttgttcagtt	ttctcaagac	ttactgtttt	180
aagcttgtaa	aattaatgaa	cagtaaaata	gcagaaaata	gtgatacatt	ggatgatttt	240
aatagtttta	ttagttagat	atgtgaggtg	ttcgaattac	tacaattctt	tccaatccta	300
caagttaaaa	atgttggtat	gggtgctgac	ttttaaatgc	tggtttattct	ctgaaggcag	360
ttttatgatg	catttagaaa	aaaggtaaga	gagatgtagg	cattatactg	gttcatcttt	420
tacctaatagc	atgaccagta	tactagagga	agttgtgatg	gaccagagtc	tttttggttt	480
gtaatcaaat	gaatagttcc	ttcataacca	ggacagctag	tgtgtgcttg	agaatgtctc	540
cctcactata	tgatctggga	tattctgcat	taaaaggact	cccttcccag	tattggggaga	600
aagagagatn	aattgacaca	tttttactct	gactccttca	tttatctttc	cacataccag	660
gatcattttg	gncttttaaa	atgtccaagg	ttccaataag	tttaaattgt	attagtggnc	720
ttctacattt	gatcagtaat	gnagatggc				749

<210> 3947

<211> 741

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(741)

<223> n = A,T,C or G

<400> 3947

agagnnnnnn	ttttgactcn	tantggctgg	ctactngttc	ttntnncang	nngcccagcg	60
gttcgaattc	ggcacgaggt	ccatctttgt	agctgacatg	acacatttta	aaaatttcac	120
attaaaatga	aggcatctaa	tggtccatt	atgtctttta	gagtggctcg	gcccagctaa	180
ttgcatattg	aaatacatta	gatttgtcat	aaattacttt	cctttattgt	cttttctgtc	240
aatcttagga	cattaaatgt	atatgtttga	aattgtgttt	aggtnngtta	tctgagcatt	300
tggttcatat	agtaaaagaga	gtgttataag	ttcactgtaa	gccccagggg	ctttgggact	360
natnnggttt	anaacattgc	actaggggaa	atgaattgtt	aagnnatggn	acttctctan	420
actaatgant	catctgantt	aatacttttc	atgtgaagca	tttttaaaga	aagcaaacca	480
gcctgggtcg	gtggntcaca	cctgtnatcc	cagcactnng	ggaggcagan	gcnggctgga	540
tcacgangnc	aaganattga	gacctnctgn	ccaacatggt	gaaaccctgg	ctctactaaa	600
aatacaaaaa	ttagctgggc	atantggtac	ntgcctgtag	tcccagcttc	ttgggangca	660
nagcaggaga	attgctttga	cccgggaatg	gaggttcant	gacccaaatc	gcgccactgg	720
ctctacctgc	acaaatgaga	t				741

<210> 3948

<211> 847

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(847)

<223> n = A,T,C or G

<400> 3948

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aggggtgctt	ctgtatatcc	tgacaacagt	ggccagccat	taaagagttt	tgagtagggg	120
aactggattt	gtggttttag	aaagatcatt	tggcttctgt	gtgaaagagg	ccaaaaccag	180
gagcagaaag	accagttagg	aagctgtgac	agcagttgag	agacgatgtt	gtcaaagtct	240
gcagcagaac	agaacagggg	tgaccccaca	tggacatcat	ctctgctctt	cagtcacctg	300
tagtcagag	ttttgaagta	ggtctgagca	tggaaaccgt	agtggttggg	aaggaaatgc	360
catttgcccta	tgggttgatt	aagatctttt	tttttttccct	caggcggagt	ctcgctctgt	420
ccccagget	ggagtgccgt	gacgtgatat	cagctcactg	cagcctccgc	ctccctggtt	480
caagcaattc	tcctgcctca	ncctcccag	tagctgggat	tacaggcgcc	caccaccacg	540
cctggctaatt	ttttgtattt	ttaanngnnn	annnnnnnnn	nnccntntnn	ntcntnnnnn	600
nnnnnnntnn	nnnnnnntnn	tnntttnttn	nnnnnnntnn	nnnnnnntnn	ntnnnnntnn	660
nnnnnnnnnn	nnnnnnntnn	nnnnnnnnnn	ntnnnnnnnn	nnnnnnncnn	nnnnnnntnn	720
nnntnnnann	nnnnnnnnnc	ntntnnnnnn	nnnnnnnnnn	tnnnnnnnnn	nnnnnnnnna	780
nnnnnnnnnn	nnnnnnnnnn	annnnnnnnn	ntnnnnnnnn	ttnnnnnnnt	nnnnnnnnnn	840
ntntntcn						847

<210> 3949

<211> 743

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(743)

<223> n = A,T,C or G

<400> 3949

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caggtctccc	acattgcttt	catctttgtg	ctgtttgttg	tccttttcca	tatctgtatt	180
tatgtactct	gttagggctc	ttgccgaagc	aggggtggga	acaagaacca	cagatatact	240
tctgtggttt	gtgaagcatt	gtgtggaggg	ctgtgtacac	agagtacctg	gggcagttgt	300
cacagccact	ctgtgtggta	gtgtgtactg	tgccatctt	agaaatgaga	aggctgaagg	360
acccaccag	ggccacacag	ccagtatacc	caaaagtcac	acatttgtac	tctgttgctg	420
tctcctgtcc	tatagtacca	cgcactaggg	ctcctgtcca	tgtgcgtaag	aatgaccgcc	480
tanccgtcaa	taagatgatc	agcaaggtca	cacggcatgg	cttaagtctc	cctttgccta	540
ctgcatgatg	atcccgggtg	gccagcaagc	agctggaaga	ggaggatggc	aggtaacggc	600
tctcatctct	caccactaga	tgatgcctna	ctcatcctac	catgctgggc	cacccaacg	660
ttttcttgcc	acctatggtc	ttttgtancc	cgtgacagcc	actgtttgac	ttcatcgana	720
cttnttgcgc	aacaagcacg	aaa				743

<210> 3950

<211> 740

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(740)

<223> n = A,T,C or G

<400> 3950

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attcgaattc	ggcacgaggg	cagatgtnc	tggagttcta	ccagaagaag	aagtctcgct	120
ggccattctc	agacgagtg	atccccggg	aagtgtggac	ggtcaagggtg	catgtggtag	180
ccctggccac	ggagcaggag	cggcagatct	gccgggagaa	ggtgggtgag	aaactctg	240
agaagatcat	caacatcg	gaggtgatga	atcggcatga	gtacttgccc	aagatgcccc	300
cacagtcgga	ggtggataac	gcgtttgaca	caggcttg	ggacgtgcag	ccctacctgt	360
acaagatctc	cttcagatc	actgatgccc	tgggcacctc	agtcaccacc	accatgcgca	420
ggctcatcaa	agacaccctt	gccctctgag	cgctcgctgga	tctctgggag	ctccttgatg	480
gctcccagac	cttggtcttt	gggaattgca	cttttgggcc	tttgggctct	ggaacctgct	540
ctgggtcatt	ggtgagactt	ggaaggggca	gccccgctg	gcttcttggt	tttgtggtt	600
ccacctcagg	tcatcctttt	aatctttgct	gaengttcaa	tctgcctct	actgtctctt	660
cataccctgg	tgggggtccc	ccttntttct	ccatggacag	aanaccacca	ctggggatgg	720
ggaattaaag	ttganaacat					740

<210> 3951
 <211> 744
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(744)
 <223> n = A,T,C or G

<400> 3951						
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gngacatcag	acgaagaggg	aaaaataaag	ttgctg	gaactgtcgt	aaacgcaaat	180
tggacataat	tttgaattta	gaagatgatg	tatgtaactt	gcaagcaaag	aaggaaactc	240
ttaagagaga	gcangacaa	tgtatacaag	ctattaacat	aatgaaacag	aaactgcatg	300
acctttatca	tgatatttnt	agtagattaa	gagatgacca	aggtaggcca	gtcaatcccc	360
accactatgc	tctccagtgt	acccatgatg	gaagtatctt	gatagtaccc	aaagaactgg	420
tggcctcagg	ccacaaaaag	gaaacccaaa	agggaaagag	aaagtggaga	gaaactgaag	480
atggactcta	ttatgtgcag	tagtaatgtt	canaaactga	ttattcggat	cagaaaccat	540
tgaactgct	tcaagaattg	tatctntaaa	ttctgctact	tgaataactc	agttaacgct	600
gttttgaact	tacatgggaca	aatgtntagg	acttcaagat	cacacttg	ggcaatctgg	660
gggagccaca	ctttcatgaa	ntgcattgna	tacaaaattc	anagttatgt	cccangaata	720
ggtttaccat	gaaaccccat	tnnc				744

<210> 3952
 <211> 764
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(764)
 <223> n = A,T,C or G

<400> 3952						
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gcccattgca	ttcgaattcg	gcacgaggt	cattccagct	ggtctatcgt	gggcctcaca	120
aggtgaagag	ggaccgcatt	ctggggccca	cgatngacca	cctgtagctn	attccatcct	180
gnaccttgna	tgaggggtag	cctcccactg	catcccatnc	tgaatatnct	ttgcaactcc	240
ccangantgc	tnatttaagt	gttnataact	ttnagagaan	tgcgacnatin	caattgtgag	300
atctccnct	gcccattgcc	tgntngnagg	gcacctctnc	tccaccnnna	tggannnggn	360
ngcagctnaa	nggccctnan	acgganctgn	tttcatnaag	atnacattac	acngagnnga	420
gctaactggc	ctgnatngaa	angntnntta	tgancnaagn	nacaancttt	ttaannngttc	480
ctganannac	ttgngncnct	agaacaatag	antgtccaat	tacaaagatc	cncacntgat	540
gcnatacntt	gatgagcttg	actacaccnc	ngctttaatg	caannncaaa	aantgccctn	600
tttngnaaat	nnnacatata	tncgttttan	gantaacat	ncanaaagtt	gnattanacc	660
angttgaacn	ccncaatggn	ccttcaattt	taannggcta	ggntnngctg	anggttnang	720

accgcccnnnt nttgtttgct cggccnggna atgggattgg ccct

764

<210> 3953
<211> 748
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(748)
<223> n = A,T,C or G

<400> 3953
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cgattcgaat tcggcacgag gtgatgctgg tgatcaatgg actggaagcc aacagcagag 120
acttagaccc aagaaggag cttgaggtac aagaaaactt cagggtagac aggaaggagg 180
cgtggtgaaa gtgatgaaag gggagagtag aagggtggtc cagggtcaga caggaggtta 240
gatttaatcc ttcagggcac ttccattaca tcatagctgc cttttgtct tttatctgac 300
tcaataataa gtcagtaata agtaatgttt taattaaagg taaatgcttg gcaggtaggt 360
taaacttcat tgagtcccaa tcctgtcata attattgtgt atacctttct cagctttttg 420
tctacttgaa atatatttct tcttcctttg agcagccaaa atggaagtgt tggatgtgtt 480
ggctctgttg gtaggctcct gttggatgcc tgttgtcact cataaatgta acaccacaac 540
cataattgat ggcanagttg agttgcaagc ttttaggact aattgcaaag tctaaactaa 600
aacatttcct ggancctgcct ttaaataata ataataatac cttgtataga tacagtgcct 660
tacaatttac agagcacttc cacatacatc atctcattta atcttcacaa ttaacaatgc 720
nttttgaatg cttagatatt tcctangg 748

<210> 3954
<211> 748
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(748)
<223> n = A,T,C or G

<400> 3954
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acttagaccc aagaaggag cttgaggtac aagaaaactt cagggtagac aggaaggagg 180
cgtggtgaaa gtgatgaaag gggagagtag aagggtggtc cagggtcaga caggaggtta 240
gatttaatcc ttcagggcac ttccattaca tcatagctgc cttttgtct tttatctgac 300
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taaacttcat tgagtcccaa tcctgtcata attattgtgt atacctttct cagctttttg 420
tctacttgaa atatatttct tcttcctttg agcagccaaa atggaagtgt tggatgtgtt 480
ggctctgttg gtaggctcct gttggatgcc tgttgtcact cataaatgta acaccacaac 540
cataattgat ggcanagttg agttgcaagc ttttaggact aattgcaaag tctaaactaa 600
aacatttcct ggancctgcct ttaaataata ataataatac cttgtataga tacagtgcct 660
tacaatttac agagcacttc cacatacatc atctcattta atcttcacaa ttaacaatgc 720
nttttgaatg cttagatatt tcctangg 748

<210> 3955
<211> 749
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(749)
<223> n = A,T,C or G

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<400> 3955
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aaaaaaagca aacaatagga agaggaaacta tataaaagga acatttgagg catagaagag      180
agttcatgga aatgtaaaaa atgatggtac cctgggtttg atatagtaag taaaaaacta      240
agggtaagag ggtcatgaaa gcactctanaa ntaggaggga aagccagtca aattcacagg      300
atgaagtcag gaagataata gagcantgcc cgcangatcc tgagggaag caagttccaa      360
tctataagtc tgtaaccctc acacctgatg gccccttgaa catattcagg gcttcaaaaag      420
attgatctgt catgcaccgt ctgccatgat actgtgtgag gatgtgttct tcttcttaaa      480
cattaaatca agaaagaatc atcagtggac ccagtnaata ncanatcagc ctaggataag      540
atgccctaga agatggtgaa nggaagtctc agaactactg ttcttcanca ggcagcnaa      600
acacctgatc catattggag tgggtgggatg cgagcttcag gaaggggatgc cacaagggna      660
aagtggaang gatgatgact gtcttcaaga agttacaggt ctttaagaat ttacatccaa      720
cattactttt gcttcgaagc cccggctga      749

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<210> 3956

<211> 749

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(749)

<223> n = A,T,C or G

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<400> 3956
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gattcgaatt cggcacgagc gcataaggaa agctggaaaa taacctataa ataatggcaa      120
aaaaaaagca aacaatagga agaggaaacta tataaaagga acatttgagg catagaagag      180
agttcatgga aatgtaaaaa atgatggtac cctgggtttg atatagtaag taaaaaacta      240
agggtaagag ggtcatgaaa gcactctanaa ntaggaggga aagccagtca aattcacagg      300
atgaagtcag gaagataata gagcantgcc cgcangatcc tgagggaag caagttccaa      360
tctataagtc tgtaaccctc acacctgatg gccccttgaa catattcagg gcttcaaaaag      420
attgatctgt catgcaccgt ctgccatgat actgtgtgag gatgtgttct tcttcttaaa      480
cattaaatca agaaagaatc atcagtggac ccagtnaata ncanatcagc ctaggataag      540
atgccctaga agatggtgaa nggaagtctc agaactactg ttcttcanca ggcagcnaa      600
acacctgatc catattggag tgggtgggatg cgagcttcag gaaggggatgc cacaagggna      660
aagtggaang gatgatgact gtcttcaaga agttacaggt ctttaagaat ttacatccaa      720
cattactttt gcttcgaagc cccggctga      749

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<210> 3957

<211> 750

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(750)

<223> n = A,T,C or G

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<400> 3957
agtgtnnnnn tttaatccct actaatggct tggctacttg ttctttttgc aggnacccat      60
cgattcgaat tcggcacgag aagagaccat catctcatca aagagagtta aaagtaggga      120
tggtctctgc aaggcctctt ctgatatgat taattgattg taaattaagt aatcaaggca      180
tactttgttg atttgtcata tctgggtaaa aggtttatgg tttatttaat aaatgaaact      240
gcaaaatcag ttttctacat ttctgttata tttttgttaa agcacttaaa agaatttctg      300
ctctgtccag gggcaagatt cttgccaaaga gaattaatgt gcgtattgag cacattaagc      360
actctaagag ccgagatagc ttctgaaac gtgtgaagga aaatgatcag aaaaagaaag      420
aagccaaaga gaaaggtacc tgggttcaac taaagcgcca ggtaagaatt tgggtgtatat      480
ttcattggtt ctgagagcac tttaaggttg agatttaaca catcacataa ttattntatt      540

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cccttttttt	ttcctttaat	agcctgctcc	acccagagaa	gcacactttg	tgagaaccaa	600
tggaaggag	cctgagctgc	tggaacctat	tcctatgaa	ttcatggcat	aataaggtgt	660
taaaaaaaaa	aaataaagg	acctctgggc	tacaaaaaaa	aaaaaaaaaa	actngagcct	720
ntagactntg	tgagtcgttt	acgtanaacc				750

<210> 3958
 <211> 743
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(743)
 <223> n = A,T,C or G

<400> 3958						60
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gaattcggca	cgaggtaatt	tgtaaattct	gtggtacttt	tcaaagtgtat	atcatttact	180
gagtcctgatt	atcacacggc	ctggcatata	ataagtactc	tataagtatt	ggctgatttc	240
taataggtct	gaaaatttat	cctttagaat	tttttcttca	gttggttttag	cgagtttccc	300
tttgatgttg	aaaatgtttt	tttttaaaaa	tctaacctag	accatcccaa	atcatgaatt	360
actgttgtgt	gaaacagtga	gactactgtt	tttatgccac	aggtttataa	ttatgcaa	420
aaatactaca	tctttgcatt	catttttggt	ttacttaccg	aattttcatt	ccaggaatgt	480
ctgaatctga	acaggctctt	aaaggctact	ctcagattaa	attactctca	tctgaagata	540
tagaagggat	gcgacttgta	tgtaggcttg	ctagagaagt	tttggtgtgt	gctgccggca	600
tgattaacca	ggtgtaacta	ctgaagaaat	agatcacgct	gtacacttag	catgtattgc	660
aagaaattgc	tacccttctc	ccctgaatta	ttataatttc	ccaaagtctt	gttgtcctca	720
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gtaaaagtgt	actgaatctg	ggt				

<210> 3959
 <211> 743
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(743)
 <223> n = A,T,C or G

<400> 3959						60
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gcccattggn	ttccaatncg	gcacgaggcc	aaatgcactt	ttgtgtatcc	naagngaaaa	180
gangagagg	ctcgatgac	catgcttagt	taanggggag	ggtgaccttt	natatgcaag	240
tngggaaatn	caganaaaagt	gaaaggggnc	canaatgaaa	acacatgaaa	taagataagc	300
aganatgaaa	ngnggcnccta	gaactgtaag	aagcatttga	acaggcnaaa	cagtgtctgga	360
gacttttagga	gagggctcaa	gctgccatgt	ggccggctct	caaatagttc	tagaatgact	420
agcatatctt	tttacaaaac	tatnagcaac	ttgagggcaa	aaataaagtn	tatttatctt	480
gcatccngaa	naataaacnt	ggtgctnggc	attnggtagg	tnnnctttat	gngtatatat	540
gaaaagcata	ttttcatttt	attagaacat	tgtggtaaaa	attctattga	aaaccatgct	600
ntaatgtaga	tagctcnact	tanttcggn	gttccaaact	ttttngttca	agtncccat	660
tatgtctcta	aaattggctc	gccagtctaa	aatacttant	tnatgtnggt	natgtctatc	720
gatatttacc	atttnagaaa	ttaaaactga	nagatttgaa	accattnttt	naaaccttta	743
catgntaaca	taaaacgtat	ttt				

<210> 3960
 <211> 726
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(726)
 <223> n = A,T,C or G

<400> 3960
 cttatcttct aatggcttgg ctactngttc tttttncagg atcccatgcg attcgaattc 60
 ggcacgaggt gaccaccact ccattcttgt ctctgtgtt ctcggttcag accaccaca 120
 aaggcagctt caaagccaaa tcctcaggaa ggggatctg cccgggctag ctagtacgt 180
 gtcaggcaca gtcagctctg ttgaggggtg tgcagtgagg gctcagttag gccacagagc 240
 tcagatgtgg ctatgaagac tcctgggtgg tgggggatgg cagttctcac agatgagagg 300
 tatggatggg ctgggtgcaa tgactcacgc ctatgatccc agccctttgg gaggccaagg 360
 tgggcagatc acttgaagtc aggagtcca gaccagctg gccaatgg tgaaacccta 420
 tctctaccaa aatacaaaaa aattangtgc ccattggtgt ggggtgcctat attcccagct 480
 cccaggagac tgagcangag aattgctcaa acccaggagc ttgaggttgc agtgagtcaa 540
 natcacacca ctgcnctnca cttgagcgac agaataagac tctgngttaa caaaannaaa 600
 aaaaaaact cgagcctcta naactatagt gagtgcatt acgtanatcc agacatgata 660
 agatncttgg tgantttgga caaacacac tagaatgcan tgaaaaaat gcttttattt 720
 ggaaaa 726

<210> 3961
 <211> 747
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(747)
 <223> n = A,T,C or G

<400> 3961
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 catcgattcg aattcggcac gagctgagtc tccttataga tgaggcagca gaggcctttt 120
 acaaatacct ctcttgttcc agttacacaa gtcataattt actgagcacg atggtaaaat 180
 cctttaaaaa tgtagtaaaa agaacagagt atgcatatgc aaaggaggag attggggaaa 240
 gcaaattaga agtctatgca ttctgtagac agtgaagct ggttcaagca gaatgaataa 300
 gaaagtaatt taaaaagaag gcatcactta ttgactaagg tcaaacagga ggaatacaca 360
 taaaaaccag aaactaactt caagcagaat gaataagaaa gtaattttaa aagaaggcat 420
 cacttattga ctaaggtcaa acaggaggaa tacacataaa aaccagaaac taacagcaat 480
 tatgatgata atattccaaa aaaaatcttg agtgaagaag aagaagaaga agagtaatat 540
 caaaccttg tgataataag tgccagggtg tagtatgtg ctgctattaa agtaaatgga 600
 tgttcaatta tttaatttat aattctgnt tcatggatag tcctttaagg gaagtgcatt 660
 tttgatgttc atctttacat gtgaagaacc ggtaagaga gattactgat tctccanggt 720
 cactcactga tgggtggtgg naattgg 747

<210> 3962
 <211> 750
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(750)
 <223> n = A,T,C or G

<400> 3962
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 gcgattcggg aaccaggggc tgcagaacct ttccctcccc aatgaggacc ccctctggac 120
 gccctcccc atggagaaca ccaggagcca cagacccag accacagagc acacagggga 180
 gggcacggg cggccggggc aggggtgtctg ctgctcgtt tatgggattt gctccgcgtc 240
 tagcacactg ctgcctgcag tgctcctgtc ccctgcagt gctactctgg gcctacgggc 300
 ctaatcctgg ttggcatgaa aatgtcctga ggctactgtg acaatttcc acaagctgag 360

tggtctaaag	gaacacattt	gttctcttac	agttgcaggg	gccanaagag	tctaaaaaca	420
gtcagcaggg	ctggttcctc	ctggagctta	gaggggctga	atccgtttcc	tgcctttttt	480
agtatctgga	gggcgcctgc	atccccttgc	ttatggcccc	ttccatcacc	aaagccagta	540
gtgtcacatc	tttactctc	cctgacctga	ctnccgcttt	ctcttagaag	gaccctgtgt	600
gactttggac	tactagataa	tttagggta	tctcttcatt	tcaggaacct	ggaatttaat	660
cccacctgca	agtncccttt	gccaggtta	gncacaaatt	cacanggtct	tgaagatgaa	720
agatgttggg	ccctttttga	gggncatgat				750

<210> 3963

<211> 462

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (462)

<223> n = A,T,C or G

<400> 3963

tnntcatctn	gcnnnttgnc	ttntngcacg	atccctcgat	tcgaattcng	cacgagacac	60
attcttccat	ttgtcagtaa	gagtaataat	ttgactgttt	tattggattt	tagccttttt	120
gatttcatat	agctgtatct	taatataatca	ttgtttttaa	tatgtctaca	ttgaataactt	180
attactttgt	caatgaaaaa	taataattaa	agatgaaagt	taagcctgtt	accactttca	240
gagaacaacg	tgacgttttg	gaatttaaaa	ttttttcagt	agatttgaga	aaaacttggg	300
ttaaaatgaa	gatttatgct	cagaactgag	attccagggt	ttaagtctgg	ttttaagct	360
gtcttcaaga	ttttaatgta	ttttctgtgt	gtataggatg	ctctcatttc	tgtttttaaa	420
aatgaaaggg	atcgctcctg	taatcccagc	actttgggaa	ga		462

<210> 3964

<211> 828

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (828)

<223> n = A,T,C or G

<400> 3964

ccccctttnt	atacccntcc	tnctactngn	tctttttgca	ggatcccatc	gattcgcttt	60
gtcccaatat	ttgtgacacc	agtgtaatga	cttggttaag	ttgggttgac	cagggttctc	120
cactggncag	gttatacttt	ttcattctgt	aattaatgta	tcgctatata	ttttatatac	180
tttgaaactg	taaacatctt	gtcctcatca	aaccttcacc	tactaatttt	agcagtcatt	240
gctaattttt	taaactccca	ttctttctac	atttagtagt	tggcattcta	ctataaggaa	300
gaattttccc	tttttcctta	tttgtgtata	cttatttatt	aatattttatt	atttattaat	360
atatatgcaa	gtatagacac	ttgcattctt	attgtattca	gtggattatg	atccattgct	420
attttctgtt	tgggctaaat	tgtcccatat	tccatcagtg	ggaatgcctt	caagttaact	480
attgtgtgcc	tttgacatgt	gccaacatg	gtgaaacca	atctctactg	aaaatacaga	540
aaaattacct	tagcatgggtg	gtgtgtgcct	gtaattccag	ctactctgaa	ngctgagtgg	600
ggagaatcac	ttgagcctat	aaggcanang	ttgcaatgag	ccnagantag	cgctactacc	660
actnncanct	tgggtgacag	cgtgagaacc	tgtctcaaaa	aataaaaaaa	gaaaagagaa	720
aaaggaaaaa	aaaaaaaaaa	aaactcnacc	ctctanaact	ataggggagg	cggtattacg	780
tagatccaga	catgattaag	anacattgat	gagtttgggc	naaccnct		828

<210> 3965

<211> 810

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(810)

<223> n = A,T,C or G

<400> 3965

tttattccat	cagctcttgt	tctttttgca	ggatccctcg	attcgaattc	ggcacgagat	60
agtaaattag	tcatagaaag	gcaaactcaa	ataactttga	acacagctct	ttgactatcc	120
acctgtgtgt	aaacaaacaa	aactacaaag	aaattttgta	cttcacttag	ttggtagtga	180
tctggatatag	caattctgaa	aatattttct	gtgtattgta	ggattaaaca	aataagtaaa	240
tataatgata	ttcttgggag	ctgggatcct	cactatgaga	gaagaaagat	aaaaatatgg	300
agtgaaggaa	ggcaaagaag	agctccatga	attggaatga	gagattccac	agattactta	360
ttaattacaa	agataaaaaa	ggaaccttta	tagtggagaa	acttggaac	ttgggtgata	420
acacaacttt	tcgttttttt	ggagacagag	tctcactccc	tcacccaggc	tggtctcaaa	480
ctcccgacct	caggcgatcc	acctcaaagt	gctgggatta	caggcatgag	ccctgcgcca	540
ggcctatttt	taaaaatcag	atctctcctt	tgctccaatg	tttttatcat	ggaaagagac	600
aaatcactca	tattttcttt	ttncagacaa	tactgcttcc	tgtgggtgtag	cccaaaagac	660
tcgtcttttn	catgttcagg	taattttattc	tttgggagag	cactgtaatc	atatatcaat	720
cgtatttttna	aagtgacttt	attatttaaat	gtcaagaagt	nccttgggtn	tgaaagtagt	780
tttttttaaat	taaacgcgca	ncagatcnat				810

<210> 3966

<211> 857

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(857)

<223> n = A,T,C or G

<400> 3966

ggnnnccctt	ttgaaacccc	ntaaagctac	ntgntctttt	tgcaggatcc	catcgattcg	60
gaagaaatc	ccatgaagtt	caaaggagca	gcagatatgc	aggggtgcac	tagaaatgaa	120
aatctgaccc	tttgctccctc	tccttttcat	ctctcttttg	tacaggcctt	ctttccttct	180
gtgcaaacag	acccttgatca	tagtcatagt	ccatcacgct	gttaaagat	ttccagcact	240
gctctatgat	gtgctgtaat	ttcagggagt	agttttattt	ctacaacatg	ttgctctgta	300
gcacgtgtat	ttcactactg	agtggtagtt	ctaattggaca	tattcttaac	aaaatagtcc	360
cagcattaca	gaatactagg	ttagaataca	tacccaaata	aataaaatgt	tacagacaca	420
gtccaagctc	gttctctcct	gacttncctt	ctcccgtac	agaggaaaat	taccccgat	480
tgccacatct	cattcctatg	cactcttggt	aaaaataact	tatagtttgc	ttctgaattt	540
atagaaatgg	gcactataat	ccatattgtct	tttgaatctt	tatacatttg	atttggagaa	600
agtatttatg	tttgatgcc	tgtggcttta	ggncatttat	tttaattttg	gttatttttt	660
tgagatgaaa	gtctcggctc	ggcaccacag	ctnggagtg	aaatgggcac	atgggaacct	720
ttgnccctcn	tgggggttcna	agcaanttct	ggctctcata	cctgtaantc	ccancacctt	780
ttaaagaagg	cccnanggcg	nggggaaggg	atcaatttgn	gcccccttgg	aattttggag	840
gaccnagccc	tgggggct					857

<210> 3967

<211> 814

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(814)

<223> n = A,T,C or G

<400> 3967

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cttagtttcc	tcatcagaaa	agtggtaagg	atgataaagt	agttcataaa	cattcattga	180
gcactaagta	tttgcaagat	actggaggta	taaagatgaa	taaaacactg	ttcatgtctt	240

tgaagacttc	ctagtcaagt	ggtgaaatta	aacataaaaa	caggacattt	taatattacg	300
tgcaaagcac	atagtgggca	atgtgttgg	ttgaagaagg	atTTTTgagg	aagtgggaagc	360
tgaactgcag	tttgtagaat	aagtaagagt	ttagtcaggc	aaagcagata	gacaagggtca	420
ttttgggtgg	agcgattaat	ataggcaaag	tcatgcaatc	atgaaatagc	atgatatgta	480
tgtgaaataa	gagtactttt	gcattgtagg	ggcattaaac	aggtgagcag	tcaactggaga	540
tgagattgga	atggtgggca	gggcctaagt	ccctgagctg	caatgtcatt	gaagctgagg	600
acattgagaa	tttaaagaga	tagagtgagt	ctgnngcctt	tgctcataac	tctcattttg	660
aaagactaat	gtgtgacatn	ccacatttta	ggggtaggaa	ggcntactgg	aaggattaac	720
ccaaagttag	ntagaaactg	ggagaaagan	naacncctc	aaaaagttgc	ttgagagcta	780
aattaattga	atgtggcttg	ggaaggatca	atTT			814

<210> 3968

<211> 825

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(825)

<223> n = A,T,C or G

<400> 3968

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ggaaaagtaa	agagatcaaa	atgattttat	atgtattttt	ttgtactca	gagaattaca	120
ttttcactac	ccccgcctgt	ctcagggaat	agcctttgat	aagaatcca	tggagatctc	180
tggaaactcta	ttacagtgtg	ttcagatttg	ttagttcata	tgtaaatttc	agagctagag	240
cttcaaaact	agagtattgt	aatctcagga	acataagatt	atccaagaag	cctgaacctt	300
gctcttttca	tgataaatga	catccaaatt	tcctttgtct	aggagataag	catagatccc	360
ttttatcatg	cttctctgag	atTTTcacag	aacaaccctg	caatttgatt	ttgtttgata	420
atTTTgcttt	ttggcttttc	agtgaggact	ctatTTTcca	ttggaactga	ctcctttggg	480
gataataagc	tttcacttaa	aagaacattc	cattagatag	ttctaacttc	aatgaaccta	540
aaagtggctt	cttaatttga	ataatctgga	taacttttgc	aaatgggtca	aaacagcaca	600
agtattatac	atcaaataaa	aagttcatta	caatatttgt	actcataaag	tcaaaatctg	660
accctgggtc	gctttgtgcc	tctgtcagcc	tacttacagg	ggataaaaag	tncacaccaa	720
gtccagtggg	tgccaangga	gctttgggta	ttagaaaaag	agcctgggtc	cccctcagtt	780
ctatgccggg	gggggggggc	ccgggtnggn	ancatggccg	ncatg		825

<210> 3969

<211> 877

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(877)

<223> n = A,T,C or G

<400> 3969

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cgaccgggag	ctttccaggt	aagcatcagt	tcanaaaca	atttaagtaa	agaaatggaa	180
tctgtaatga	aagataataa	aaataccact	cagaagaaat	atagagacta	tagcaagacc	240
ccgggctcac	cagacaatga	ttttctcttt	atgtactctg	ttgctagaac	caatttagaa	300
cttgaattga	ttcatcgagg	aggcaatttg	tgttcagggt	gtgcaagcac	agctggcaaa	360
aggtcttggt	taaatcagct	gtttcatgta	ttagccttgc	acatgcggct	ttatagcatt	420
gactctgagt	ataatccctg	gagaaagctc	accagtttag	aagagatgaa	tccacagctg	480
ggatatgaag	aacaacagcc	tgaggttcca	attctttatc	atgatgtaca	tcccttttgc	540
tcatccagat	cttaatgatg	ccacaaccct	tacgcaaaag	accactttac	ctgcattgtg	600
aaggtctttt	taccctactg	tacacacagg	ctcttgacgc	actctcaagt	taaaatgcag	660
cgaagaaaa	tagggtcagc	cctgggaaac	acccggggag	cctcttcaaa	aaagaagtac	720
cattgtggat	ggccagaaaa	agtctttacc	gaaagtattt	aacttggngg	ccttttgggtg	780

gaataaaaggt ggnaacctat ttttaaaaag ggaaaagttt tttcccntg gaaggaaang 840
gnaccttcag gggaatggtg gccaatnggg tttaacc 877

<210> 3970
<211> 912
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(912)
<223> n = A,T,C or G

<400> 3970
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nacgtggggc tccannnatt ttctctgggg acaagctcat tccttcctca ttttctcaga 180
actttggtgt taacagccng ttgcctaatt tgtaggggct gactttgact nagcagatgc 240
cttctgnaga tggaggaaat aacgaccag cnccttttaa ttcaccaag ctgaaaccaa 300
atgcgaaccc ngagcagcct ggattcattg acgagccagc accantgaac ccacccaaac 360
caaagccaaa tccaaaaccc caagccggcc tgaattccac cgggggatga cttttgatct 420
ccacagangg nntcttcatg gggaacnaaa aacaggggan gntgcactcg attnctggaa 480
gtggtatgcn tcaggagcna ccgtgnantg tantncancc cactcntcaa atncataaac 540
tntgggagan tccttcaatt cactgggcaa anccntatgc cntaanngct annnctgan 600
gggaggtcnc tncantgcaa aaanccaaan atccaacctn gggaagaatt caagtcaaa 660
acccaanaag gaggcnggc aatcaagnct ccttggncac cgaatcntn acangncann 720
gcttaccng gganggcacc ntatggcnga anctctgtgg ggggcaaacc ctctgtggga 780
cctnccntgg ntccccaggg ggggtgcncac anatattang cacctnntn ntttanctgc 840
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naaaaaaaaa cc 912

<210> 3971
<211> 816
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(816)
<223> n = A,T,C or G

<400> 3971
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agttagattg ttccacagca tgtatattat aaaacaaata ttaggcagat agcttataat 180
gactttttta tatttatatta ttcatttatt ttataataag cagacattgg gacaagaaac 240
ttctgaaaat atttatagtt ctctgaaaga aggtgtcttc ccttccttct gggagttaag 300
gaatgttttg acaaggaaga aagatgggtg aataagagtg tattgtatta ataactaaca 360
ttaattgaat atagaatatg tactaggggc tgtaaaaagc tctttatatt ggattatggt 420
atttaatcct caaccttatg agcctgatgc tattaatgcc tctattttat aaatgaagaa 480
attatgtcac agaaggttaa ataatttatt caagggcaac ttgccaagtg agcattaaac 540
ccccagatg atcctctccc tangtcaga gcaaagttnc aaggggcttg gtatgcacca 600
gtctcagatg attctattgn ggggtggctgc cagaatcaag cttgctgtga aaactgat 660
tggaagaaaa aatagtcccc accagctatn gctatnggtg cctgtgcatg aacctgagaa 720
gaaagccaag ccgcntaaa agatgtagag tccaaacctt ttgctgcagc ttcntggaa 780
tacgggcatn tgcacccaaa acatggntta agggggg 816

<210> 3972
<211> 817
<212> DNA
<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(817)
 <223> n = A,T,C or G

<400> 3972
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 ggaagagtat ggctcctgaa cctacacaga gctctacagt agtcgcatct gccagcaag 120
 tgaagacaac gcaaaacttca aatgctcctg atgtaaata gaattgtg aaactattca 180
 atgattttga tgtaaaggaa acctcccatc atttagtgat ttctcatcta gatctacaca 240
 tatgtgatga cattcatgct aaagaaaaag agtcaaacag acgtattact ggaggggcaa 300
 tgcaactctc ttttacacag ctaactatag attattatcc ttatcataaa gcaggagata 360
 gttgtaataca ttggatgtat tttagtgtg caacaaaaac aaaaaatgga tgggccaatg 420
 agttattgca tgaatttgag tgcaacgttg aaatgcttaa acaggctgtg aaggatcata 480
 atgtangttc acctcctaaa tccccaacac atgcctnttc ccagcacaca caaacagaga 540
 aggactccct ctgaaaggga catgcagaac accttcagta ttatctcaac aatcaaaagc 600
 taagctaatag tctagtctg gtgtgggtag acttgcatg ttcaatatat cccagggtctt 660
 ntacagcngg acaatgtcgn tctttccccc aaaaaccatg atttgctgca ataaaaaatn 720
 cctttntntt tccacaagaa aaggtcagct gtctttttta gaattcacca gaatntttcc 780
 tattccaaat gggaaaggat ttttccaant tccatct 817

<210> 3973
 <211> 804
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(804)
 <223> n = A,T,C or G

<400> 3973
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 tttcccagcg aatagaattt actgctccaa aaagcttttt tggcataaat cacaatactt 180
 acagaaatat aattgtatca ttgaaaaaaa caaagctcac ctctctaata atacatttca 240
 caaactgcac attagggcaa tttcttactt atgaggaggt caaagaaata ctctgtcaat 300
 atagtataac tgcttatttc aaattgtatc taggaatgaa taactactat tatttaaagt 360
 actactgaat tttgaggaa tgatcaaaga attagtatta ttaataaaat tgtactattt 420
 gcaatatatt tgccttggtc caaatgcaga gttaaaaaaca taaaattata aaaaaaata 480
 atagtgtatt gttgttacta ctttaaaatc ctactaattt ccattagcac taaatcaaac 540
 agcacttata tgggtgtatac aagtaaaatt ttgaaagact cngacacaaa atgaaangct 600
 ttttaaaaat gtcttttgcca taacanggtat tatgacccct tgctaattgg tatatttctt 660
 tangggcact ttgaggctct ttcaaaagac atctgcgcaa ttagggctta aattagaagt 720
 agaaatatatt tggcngatnt ttactatntc acaaaaaggc ctacctactg gntttataat 780
 aaanccaat tctcaagtnt tctn 804

<210> 3974
 <211> 789
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(789)
 <223> n = A,T,C or G

<400> 3974
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 gttcagtcac agccctcagc tatcttccct ccggccactg ggctacctct ctttcagtc 120

cagaagacaa	gtctcaccaa	cccagggagt	caaggaccag	caaaccaaaag	tggataatgg	180
actttttcat	tcctgttttt	cttggcagga	gagaagcaag	gccactaaaa	gaggagatgg	240
tggagacgga	ggctcagcag	tggctttgag	gggtaaagga	cttagatgcc	cagatgaaga	300
gggaaagctg	acatctgcag	ggaacccact	ttgaggctga	ggccatggca	ggacagctgc	360
tgtggggtgc	agaggcagaa	gatgaaattc	ttagtgtacc	agaggttctt	gcagccatgc	420
aggatccaga	agttatgggt	gctttccagg	atgtggctca	gaaccagca	aatatgtcaa	480
aataccagag	caacccaaaag	gttatgaatc	tcacagtaa	attgtcagcc	aaatttggan	540
gtcaagcgta	atgtccttct	gataaataaa	gcccttgctg	aaggaaaagc	acctagatca	600
ccttatggat	gtcgcaataa	tacaaaccag	tgtacctctg	ccttntatca	aganacttgg	660
gtgctttgaa	nataatcctc	cccttttccc	caaatgcagc	tgaacattta	cagtgggttg	720
ccttagggat	tcattcaata	tgtttcttac	taggaatcca	actttaacat	ttttaatctc	780
aaatattat						789

<210> 3975

<211> 871

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(871)

<223> n = A,T,C or G

<400> 3975

ttcccataca	actacttggt	ctttttgcag	gatcccatcg	attcgaattc	ggcacgaggt	60
tgggcttaga	agatggggct	gagtagggag	agaggggtgct	gcctgggagc	tgagccatac	120
aagtgactgc	acaggttgac	atggaggatt	aggtggagtg	aggcttccaa	gcagggaggg	180
gaatgatggg	ggggcccaaa	tgaggagcca	catcgaagta	gatgagagaa	tagaagggtga	240
agtaagggct	ggcgttgggt	agggggagac	gccagcagtg	atgctgatgc	ccaggctgta	300
gggtgatagg	tgccatccac	ctggtaaaga	gagagctgta	gcgcaggaat	gagggttgac	360
atgtagaaga	aggggaaggat	acaggggaga	gaagtgtcct	ctagtcctaa	aaaacagcct	420
gtgggctggc	atggtggaac	aaacctgtaa	gtcccaacac	ttcgggaggt	caaggtaaga	480
ggatcatctg	cttgaccag	gagttcaaga	acagcctagg	caacatagta	agatcccacn	540
cctacagaaa	aattaagaaa	ttagcccgga	tgtcgtggca	cacaccttgt	tgtctcanct	600
tacttgggga	ggcccgatct	tttgagccc	cngggaaggt	caaagtcttc	caatgaccnc	660
cattgatctt	tgcccacttg	gacttttaaa	ccctggggcc	aacttgacnt	gnccaaccat	720
tgtnntttna	aaaaaaaaaa	aannnnnnnn	naacttcgaa	gcccttttta	aaaacttttt	780
agtnagagttc	cttattttacc	cttanatncc	caacccttgg	ttnaggatcc	catttgattg	840
aattttggga	ncaaaacccc	caacntttgg	a			871

<210> 3976

<211> 779

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(779)

<223> n = A,T,C or G

<400> 3976

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gcacgaggcc	taaagtaact	gaagatccat	ctnttcgtat	acgtgcaagt	cacaagggat	120
gcgatggctt	ggcttgggct	cagaggcctg	acactagtta	ttataaaatg	tactttcagc	180
agtcttcttg	gacttgacta	ccttgtggat	tgtactagaa	atgtcaggta	tggtgactgc	240
tctgccacc	actctaaatg	aaactgtccc	cccacagtct	ctgttgccca	ggtgtcctat	300
gtccctcgtc	acagctgaat	ggaccaaggc	agatgtgcta	tcaaggacag	ccaatcacia	360
gtgagcagta	atctctgata	tgctttgggt	caaaaagctg	agttgagtca	acagttatatt	420
aaatttgtgt	gcagtcactt	ccgtttgctg	gggaatggcg	tggtgagggg	agattgatat	480
aagttacctc	atatctgggt	tacatggata	tatatcctac	agttgcttaa	aatacatttc	540
angattcttt	ggtttgcagc	atgtgttttg	gaaaggacag	ggagagggaa	ttaagaagtg	600

gagtgaatc	caaggacct	tcacctgcc	aaaaagtac	gggcttctg	tgtcaancag	660
gtgacagctg	gcaaggcttt	gccctgangg	tcgacagaca	aaacaagcan	tgacacatagg	720
gaagacacaa	gcaaaggctt	agctccttgc	catatanagc	tgcatgnaaa	agcttaacn	779

<210> 3977
 <211> 1005
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1005)
 <223> n = A,T,C or G

<400> 3977						
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tacttttctn	catcttcaag	caggggtgtg	tcttcaagca	tgcatgtctg	tgntttgatt	120
cggaattgat	aagttataat	agaagcatga	gctgctggga	aaatatacct	cctgatttgt	180
gtggntttat	ttgttcatct	tgacagtttt	gagtagtttt	tggtggatgt	gttgggagat	240
ttnaatgtta	cttancgtgt	attatctcta	ctactttggg	ggtcaatatt	gaattttttc	300
actgaatccc	agcccaacac	tntntttttt	tttggcncta	attncntcga	aaaaaaatgg	360
ngtttggatt	taagaataaa	gangaaaagt	nntgggtttt	ttagccaggg	ttcttgtcct	420
ancaggaaaa	aggcttttgg	ttccttaaga	aaccctatan	ccaatttggg	gaaattttta	480
aaatttnaaa	tncaaaaagg	ccctttatat	ttattgggaa	aaccatcctt	ggccttaata	540
attnaattcc	nggcnaaatc	ctgggaaaat	gggaaaaagt	ttaggaattg	gaaaaaaaaa	600
aaaagnaccc	nccgggntnc	ccaaccaa	aaaaatacc	ccnccccaaa	aaaaccangg	660
ccatagaccc	cacctctggn	aaatttcnaa	aangggggcc	tttaattaat	aanggggggg	720
naaaaaanat	ttttcagnc	ctnttgga	ccntttggg	ggngggcccg	natttaccng	780
tnanaaatnc	ccccancctt	ggaattaagg	aatncatttn	gggtgganan	ttngggncca	840
aaaccccnna	acttnggaaa	tgccaaagg	gnaaaaaaaa	angcctttaa	tttngggnaa	900
aaattggggg	agnccaattg	gctttaattt	gggnaaccnt	ttataaagcc	cgcanttaaa	960
acaagggttaa	cncncccccc	aatngccatt	ccattttaa	gntcc		1005

<210> 3978
 <211> 790
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(790)
 <223> n = A,T,C or G

<400> 3978						
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ttgcaggatc	ccatcgattc	gaattcggca	cgagatataa	aagcgttttag	aanaagaagc	120
aaaagagacc	cgcacattcc	acccagggag	ggcatggaga	aagaacagtg	agtgggaagg	180
aaacaggtct	gtgctgcctc	aagcatagag	gtctttctat	ggcaggcacc	cggggcagcc	240
aaaaggacac	tgtccacagc	caggccagag	tctancgtgn	acacacatan	gcagggtgtg	300
tgcatacctc	aagcatgcgt	tcacgagttg	tnatacttaa	gngaatttgt	ttttttacag	360
naacaacctt	tagttccatt	taaaaaggga	tngttattta	attttaatta	aaacatatag	420
tagntgtttn	ctcacttttg	tttatgtatc	cattttcaac	agctttgttg	aggtgttgtt	480
tacacacctt	caaatttact	ngtttttaag	atacaatnta	ataattttta	gtaaatccag	540
aattgcgcaa	acatcacaat	ctantaatag	aaattttctt	tcaactccaa	agaaacctgt	600
gctctattta	gcaactccct	gttcccgccc	agtaagccca	tatgtgggca	aaagttgact	660
ganacttgtg	atttttaatt	gaaatatcac	aaaacttatt	gcattttttt	tttgagacgg	720
agtcttgctc	tgctcgnccc	agntgngggg	aaggggctnc	ntnccccenn	ctnngngnnn	780
ggnggnccnt						790

<210> 3979
 <211> 462

<212> DNA
 <213> Homo sapiens

<400> 3979
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 cacctcgtat tggggaaagt cttaagtggg tggagcccat gacatttggg tatgatgact 120
 agattttttg tacagctgag cctcaataaa ctcatgcgta cacttgtag aactcaaac 180
 agaaatgggc acagaaactg gattacattt ctgtgctctg aaatcccaca gagttcataa 240
 aaatacacat gtatacacia aagcaacaaa tgtaagttac attttattat ggaaattgat 300
 attagtgaat ttgacagctt tctatggtta aagattatcc tgtaggtgag ccaagggttct 360
 ctgtttttct gatttctctt attcattccc tataatttca gcattttcgt tctcattgac 420
 ttaattattc tgagggtatt attgtgaatg tctttgttta tg 462

<210> 3980
 <211> 475
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(475)
 <223> n = A,T,C or G

<400> 3980
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 tctttaaaga aagcatccac agtttctgtg ccatttcatt gacaggtttt attttaaatg 120
 gtagaccatc caacagaggg atagggagct gcagcgggtg gctgcttaga ctcaaaaaga 180
 gaantctcgc tgactcatgc aggttgaggt tttgtctcat tcccaggaat gcttggaactc 240
 ccagaggcag tgaagccaca catttttagca gaattacctc agcagtgtgg tgcatgatca 300
 tgaacttcaa gtttacctac aaggaagatt tcattgtcct tctgtcacta gccaaacact 360
 tcacagccta nactcctgga ctacataaag gcccatataa aagtgtttgt gtgcatttgt 420
 gtatgtgtga gtgtgtgtgt ttgcagtggg agaggacact tatctttgct ctccc 475

<210> 3981
 <211> 460
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(460)
 <223> n = A,T,C or G

<400> 3981
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 tgcagtgagc agagatcgca ccactgcact ccagcctggg tgacagagcg agactcctct 120
 cgaaacaaac acaaaaaaaaaa gtttcaaaga cagaaagtgg aagttacaag gctttttaag 180
 gccttatctt ggaagtcaca gcancattta ttttgcattc cattggtcaa actcaagtcc 240
 taacaggcct aagggggtca agtaaaaggt gggactcaca ggaagttcca tatacattac 300
 agcttcactt gcagtacaga ggggaaggga aatcctactg ggacagaacc tcaagtagca 360
 tacctggttg tatattgtgc ctggaagaaa agatggccag aagtatagat ctatagatgg 420
 atggtgattg atggtggtt tgactggatg gtcagggatt 460

<210> 3982
 <211> 463
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(463)

<223> n = A,T,C or G

<400> 3982

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gcatttgctc	gttttgttca	acttttcctt	ccttctctgc	ctgccaaaga	aactgtaata	120
actgtaataa	ttnttatgac	tttctcttca	atgacagtna	tcttccttta	ccctaattcc	180
ttccctcctc	atccttcaaa	tccccttcct	catcattcaa	agnctaactc	aagctagcct	240
ttcctcctta	ttttccctt	atctttccaa	tccgtatgga	gatttctcac	ctttcctgnt	300
ngaggttgct	ccagaatggc	gaggattaaa	ttgtaattgc	tntntaatag	actgntgtgt	360
cngccacta	gatttcaagc	tctctaaagg	tnaaagctnt	ttctnacatc	anaactngag	420
tcctttatgg	annntnnnac	atcngaaggn	cnnnanttat	ttg		463

<210> 3983

<211> 457

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(457)

<223> n = A,T,C or G

<400> 3983

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gctcagggtc	tctcatgagg	tttcagttat	gatggtggct	tgtactgtgt	cgtctgaagc	120
ctggctggct	gaagcatctg	cttccaactc	actcatgtgg	ccatttccca	gagcccagtc	180
cttactggct	ttttgccagg	gaggccttaa	tttcttacat	atgggcctct	ccatagggca	240
gcatgcactt	tgcagctggt	ctnccttaca	gtgaatgatc	caagagagta	tgagagagtg	300
tgccacaatg	gaagccaggt	atctgttata	acctcatctt	agaaatgata	taacatcact	360
ctgccatatt	ttgtcagttg	cacagacccc	tggtacagtg	tgggangtga	caacacagga	420
tattaatacc	aggangcagg	aatcattggy	accgtct			457

<210> 3984

<211> 465

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(465)

<223> n = A,T,C or G

<400> 3984

ttccatttag	ctacttggtc	tttttgccagg	atcccatcga	ttcgctacga	tgacccctc	60
ttcaggctgc	catttggtag	agggnnaggg	agtggctagc	catcgagtga	gaccatgctt	120
tgcacccacc	atcagcaagg	ctcaagatag	tgccctggcg	gctcagaata	agccttcctt	180
tctgcaggga	tctcatctcc	atctgtggga	accaggntng	aggctctgaa	cagntcctgc	240
tctggcaaga	cacctccaca	tctttctccc	tcaaacattc	atagcctctc	tgccatttta	300
tgcttctggt	acaccagaaa	taatatacaca	atgccctgca	tactgaccc	ggctggataa	360
ttccttttca	atatgtcctn	cttgccangca	naagatcttg	ccanaagact	gagaacccag	420
ncttccaaga	tggccacagc	tgcaccaaag	atcacaangt	aattg		465

<210> 3985

<211> 463

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(463)

<223> n = A,T,C or G

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agttcccata tacaggtgca nggcatgctt cattttaccat tgaatttgat gacagtaccc      180
catggaaggt nactattaga gaccatgtga canagtttac ttctgatcan cgccacnagt      240
ccaanaagnc ttctcctgga actcaagact tgctggggat tcaaacanga atgatggcac      300
ccgaanacaa anttctgac tggctagcac aaaacaaccc tcctcaaatg ctatgggaaa      360
gaacagaana tgattctaaa ngcattaaaa gtgatgttnc agtgtacttg aaaagggtga      420
aaggaaatna acatgatgat ggtacgcaaa gtgattcana gac                        463

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<210> 3986
<211> 464
<212> DNA
<213> Homo sapiens

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<400> 3986
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tctagaatcc cagcagtttc cttaagttgc ctactgtcaa ttttccattt ctctcgtcca      120
aattcacatg gagacatcat ttttacacac ttgtaatcaa ttgtaggcgg agtctggggg      180
tcctagcact tcccctaaca tcatctcatg atacttagac ttttaaagaa cccttgagta      240
ggcctgtgta taaaggatgt tagtgaaaaa aataatgaga aacaggggact tggcttagag      300
aaagaagcct gcgtcagatc agtaggcccc cctggggctg tggaagcatg cagaaggtec      360
cttaggaagt gatgttgaa atggccttg ggcagccacg ttatttctct ggacctcagg      420
tcacccatct ctgaaatggg agcattgaac tggctgatcc ctga                        464

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<210> 3987
<211> 458
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(458)
<223> n = A,T,C or G

```

```

<400> 3987
nccttcntct cttgttcttt ttgcaggatc cctcgattcg aattcggcac gagggaaaac      60
ggaaaaaact caagagtgan aactaagtgg tgtgtgaaaa tgcattgtg cctgggtggg      120
tgaagtcatc aaatcagaga gccaaaantn octancagag tggancgaaa aangaccggn      180
cagacagtgn gaataatata tcaatgatgt aaanacta catatgatgc ttgtaaagt      240
ggaaactata actntccctg gaggggtata nagatgagtt caattaggag ggaaactgag      300
tgacaggagg acaaaattgg aaggagatt tttactgtat aactttgtat cttttaatt      360
ttgttccagg cgcatttata atgtattcaa tgcatttaaa cagaagagga gaaggacggc      420
ccatangata taactattgg ttaaaacat cttgtctn                        458

```

```

<210> 3988
<211> 457
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(457)
<223> n = A,T,C or G

```

```

<400> 3988
gnaanncctt tncennnnn ttttgaggat tcccatcgat tcgaattcgg cagcaggcaa      60
tatgtagttt gccataaaan gaatgcatgt cttattcttt tccatagttc ttcattaatg      120
agactttagt ccaagaatag aattggaaga tncatctcc tggggtagtc aaaaaaatc      180
tccttgggta atactggaan canctaattt tcctaatttg gttggtccct cttaataata      240

```

aaatnctatg ggaatnactc ttttagtagtt ggcctggttg gaagctctgg gaggagcaaa	300
gcancctctc caggtgactg gctgactttc cacctgaagg agtattactg caagaattac	360
aaagcaggta ggactctggc ttttgatgag caaatggntg aaaagtgcct ctttcccagt	420
cttccctttg ctttcatttt agtttaaagc ttgaagt	457

<210> 3989
 <211> 471
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(471)
 <223> n = A,T,C or G

<400> 3989	
aagnnacttn tttgaaaccc ccngntcttt ttgcaggatc ccatcgattc gggcacatct	60
tctactagct aacttgggtcc ttttttttna aaaaataaaa cccttgcgta gttctccctc	120
aggggatgcc taggattttg gatgagaacg tattggctca atgtgagtgg ggcagtggca	180
ggcatccatt tcccttcccc ccattctgnc acaggtgccc atctgcctgg cagtanaatc	240
cantgctcat gttggtgact ccagagcccc ttccttgctg gtgcctgcct gangcattgg	300
tgtatgtggc gtcctgggaa ggggatttta gttnaatgaa tgatacgtac ctcttgcttt	360
cctgggntnt gcgagcttta atcccttgat ngtctgntgg gaggcttgan agacanactg	420
ggaactgtgt nagaaagcat gactcgtatn ncgattgnan ngaaatnanc t	471

<210> 3990
 <211> 466
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(466)
 <223> n = A,T,C or G

<400> 3990	
tgnttngant cagctcttgt tctttttgca ggatcccatc cgattcggaa taagtgaatt	60
ggaagatagc tacacagaat gaagcataga agggaagaga tggaaataca cagagctaga	120
gggtaacaca ttgatgctac agacagaaca cctaacatac ttctggagtt ctgtaagatt	180
agaggagaga aaatagagca agagaaatgt tgcaaggatt tttccaaaag gtataaaatg	240
tatccctgaa tatattttta gtaatctcaa cttcaggcat gataactaaa accaaattaa	300
cataaaataa tacaggacgc aaaagaccaa tagaaaatct gaaaagtagc tagaggtaga	360
agatagagta tggtgaaaag aactgtattc taaatacaac ctgattttta cagaaaacat	420
ggaagcagga attcaatgga ttaatgggaa tcatgtcttc aatgtg	466

<210> 3991
 <211> 778
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(778)
 <223> n = A,T,C or G

<400> 3991	
ggngnntnnn ccctttgaan cccttaatac aagctacttg ttctttttgc aggatcccat	60
cgattcgaca gggtagtgca tgtgacggtg tccaagacgc acagcagatt ttcattcaca	120
aaaaaatctg accacaagag ctaaacggaa ataccttccg ctgtccttcc caagtacag	180
agcaaacacc tcagttccca ggggtccgca tcagttctgg tggaggcggt gactgtgagc	240
gtgaccagct gggctaattc gtcctgacat ttagttggga cagctatagt ttcctacctc	300

tatgaccaga	gagtgaagcg	tttctactgaa	gaactgtggc	cggcgtctcc	aggaaaggaa	360
ggagcctcgc	tttctccagg	gcaggggcag	cgtggggcgg	ggcaggcccg	gtgtgtctgt	420
ggggagtggg	cgcgtgctca	cactctttaa	gctgcgactg	cttcctttag	gacagaatga	480
agttcttcga	ggaggccgat	gaagacagaa	tatggataag	gccaaaccta	cacaaaatcc	540
ttctacatct	tcatatcaaa	acatgttaaa	cataaacctn	caaataccta	cagggataca	600
agcacagggc	ttntctaaaca	ggcgggatat	gcaacctcgt	tctatcccan	gccacacag	660
aaagtgttgg	gggaatcact	gaaggaaagga	ngagaaagaa	ctcagaagaa	ccataagaga	720
gcaagacatg	gacaggaaac	caatggccca	cgcccccgcan	gaagacttaa	aactncag	778

<210> 3992
 <211> 905
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(905)
 <223> n = A,T,C or G

<400> 3992						
ttattccatc	aagctcttgt	tctttttgca	ggatcccatc	gattcgcctc	catgttatta	60
gtaattctgt	attccatttt	gttaacgcct	ggtagatgta	acctgctagg	aggctaactt	120
tatacttatt	taaaagctct	tattttgtgg	tcattaaaaat	ggcaatttat	gtgcagcact	180
ttattgcagc	aggaagcagg	tgtgggttgg	ttgtaaagct	ctttgctaata	cttaaaaagt	240
aatgggtgat	ttaaaaagaa	aaaaggaaaa	aaatctttgg	ctgaatatgt	tcattgcttg	300
tatttttaaa	acaacagaat	ttccagtatg	aaacaggctg	aaagagcagg	aagaaatgtt	360
ctttgtataa	taatgggaag	tttggaatat	aaaagtttat	atattattta	tctattggag	420
aactggtgta	caggaggaac	attttcttac	tgtgttgcctg	ttttccatca	tgtgttatcc	480
taagagtggg	ggttttttta	aatctgtttc	accaggggaa	aataaaagca	tcctaatgt	540
tcttctctca	aaaaacccan	nnnaannnnn	nnnnnnnnnn	nnnnnnnnnn	ncctcggaga	600
gagaaaanaa	cctttctccg	agccctntan	aacctatagg	ggagtccgtn	ttaccgtaga	660
atcccnacn	ttgaataaag	aatnccattt	gggttggaagt	tttngggacc	aaaaccccc	720
aaacntnnga	aattgccnnn	tggaaaaaaa	aaatgccttt	ttnttttggg	ggnaaaaatt	780
ttgggggaaa	ggcctttttt	ggctttttan	ttttgngaaa	nccccctttt	ttaaagcctg	840
gccnaattaa	aaccaaggt	tttaacccaa	nccaanccca	atttggccnt	tttccanttt	900
ttnt						905

<210> 3993
 <211> 790
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(790)
 <223> n = A,T,C or G

<400> 3993						
gaancccttt	tgaaaaanctt	anatacaagc	tacttgttct	ttttgcagga	tcccatcgat	60
tcgaattcgg	cacgagatat	tatttttaatt	ttatataata	gcattgtactg	ctttacacat	120
ttttataata	agtcaccaca	gtattacact	ataactacgt	tataagtga	atagatatgg	180
gtncataata	taaaaatagt	tgaggagaaa	aaaccttttag	accatttcatt	ataacgtgcc	240
anactgataa	ggggaaaacc	ccccatgtca	catgagagaa	ataaaaaccca	ctgccatttc	300
tctgtgcctg	ggtaactgag	ttgattgtat	tcaccagaag	gttcttgttc	tgccttttag	360
acctgcctgg	gtcatttccc	tgttcacacc	ccagtgaacta	agctgaagag	atztatcatg	420
atgcctgctc	ttttctgttg	gccttgggtca	cttccatgtg	catgagcatc	tccatccaaa	480
agtgcccttc	ttctctagcc	ccgatgggat	gtcagtngcc	catgtttcta	atagaagacc	540
catgccaaag	ccactttgac	aactctccac	tcgcaagaat	gctgtcggcc	tntagctaaa	600
ctgttatggg	ccactcaacg	ctgtacactg	tgtggccact	ttccttccgc	tttctgtcat	660
tgcagggang	ttgtaaggca	acaccangg	ggcttgacct	cttcaaggac	tttgccagca	720
ncaaaaaccc	aancttgggt	acacctggc	ttaaaaaccc	acanccccag	caanttnca	780

gctttnaatg

790

<210> 3994

<211> 898

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(898)

<223> n = A,T,C or G

<400> 3994

tttaattnca	atacagctac	ttgttctttt	tgcaggatcc	catcgattcg	aattcggcac	60
gaggacactt	tcattgttgt	gccagctggt	tgaaattaaa	actctgatat	tacttttttt	120
gaggattttt	atttttgttt	ttgcttaaac	atatagtttg	tctagaagtt	taaaaagcta	180
aaagttaaaa	atggtgtaat	tatgaaaatc	taacactcaa	gatagtttct	aaaaggaaat	240
cagtagttaa	ggataacctga	tttcaaaaata	tttaaagcat	aacctaaactg	atggtaggat	300
gattgtatct	tgaatatgtg	gtagggccac	atctattgta	ggaaaacctt	gcttttatca	360
tctgtgtgta	aagggcttaa	taaggagaag	aggccttttg	actgatttgt	gagtataaat	420
gcatttgctg	tttcatttca	aaaatgttgt	ggaggaaaag	agtacattta	acttgtataa	480
gagaatattt	gtactcctgt	ccaggctgca	ggacctttct	tcgagagctt	tgcacacttg	540
acttgaacca	cattttctga	tccctttact	ttgttttaga	agcaccactg	aaaaatctcg	600
ttgttttaaa	gtncaatattg	taaatatttc	aaaaaanann	aatnnnttnn	nnnnnnctcg	660
gagcctctnn	aacctttagt	ggagtccgta	tttaccgtag	natcccnaaa	ccatggatta	720
agaataccat	ttgggttgga	agttttnggg	ccaaaacccn	caaacctttg	gaaatgccct	780
ngggaaaaaa	aaaaaaggcc	ttttaatttt	tngggggaaa	aaattttggg	ggaatggcct	840
attttggtct	ttttaanttt	tgggttaaac	ccccttttnt	ntaagggcct	gngcnaan	898

<210> 3995

<211> 833

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(833)

<223> n = A,T,C or G

<400> 3995

gnenntttna	taccatcanc	tcttgttctt	tttgcaggat	ccctcgattc	gaattcggca	60
cgagaatgga	tgaatttttg	tttgggttga	agaatctctc	tgagaagttg	acacgtgggg	120
gcaatgggtt	gtttctcttg	tatttctgaa	gttgcaaata	atcatgtaag	cagttcaacc	180
aggagtttac	accaaacttt	taataggcga	tatatatta	tttttttcc	cattggtttg	240
gataacatcc	actttaactg	gcagttagtc	atacttagct	atttttgtta	aagcaggtga	300
tttattgtta	ttttatattt	atgacatgat	taataagtga	atatggaaga	ttttacattg	360
acttagggga	tcaaagtttt	catttatatta	acacctttaa	ttgccatgag	ttttctattt	420
ctagcatgca	tattttgtgt	tcattcaagt	gaagaaaaca	gtcttttggt	ttctcaggta	480
ctgcataagc	cgaccacagt	ataagacttc	ttgtggcatc	tcttcattaa	tttcttggtg	540
gaatttctta	tacagcacia	tgggagctgg	aaaccttccc	ctattaccca	agaagaagct	600
ttacatatcc	tgggctttca	acctccattt	gaagatatta	aggtttggtc	ctttcacggg	660
gaatcaaac	ttatgangnt	ggtttaagac	aaattaaatg	acctctttcc	atgtnaaaaa	720
ggatgctctt	atggttctat	attaaccctt	cattggggaa	gaataaaaaa	caccaggggag	780
aaaacctgct	tcanggggnc	cctgtcnaaa	gttaaccccg	ngggtttgga	aan	833

<210> 3996

<211> 838

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(838)
 <223> n = A,T,C or G

<400> 3996
 atnngtttt aattccatac aagctacttg ttctttttgc aggatcccat cgattcgaat 60
 tcggcacgag gagaagcaga gggacaaggt gtcaccaag tgacctacct gcctcagcct 120
 cccaaagtgc tgggactaca ggcataagcc actgtgcccg gcctgttatt gttgtgtgtg 180
 cctgctttta tgggtcttct ttttctttat ttgtaatagt tccccctccc actcccactg 240
 ttttcttaac atggagaaac ttttttttta attgttccca gtgaatgctg tctcttccca 300
 tgttgactcc attcacttgc catgaattga cttagtgcc aacctctgtg ccttcttcat 360
 gtaaccagct caccttagcc ttcttgtaga gggcttatga tcttagttgg attaagttaa 420
 caagtttttg ttcagaaatt ggaaaatact agtcaccatt actttcatct gtacttgaaa 480
 atttcgtctc tcagacatcc atcatctcta ggtgttggtg acaangcttg acatctttct 540
 aacagtgtac tttggtctct taaattcctt gaactaattg agagttttct taagcagagc 600
 ttanaaggag tacttgcagc ccccaaaaca aangcaggtt tttaaaatta ttggnctata 660
 agtctttggt tattccagct gtcacccaaa atggggattt tangcattta caatcggtaa 720
 aagggcacaa ccccaaatca ggggatggac aaaatccctc actggnggat gactctttaa 780
 tgcttaccct caagactttt ttaagagtgn ggattatcaa ccangactt cattggcn 838

<210> 3997
 <211> 777
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(777)
 <223> n = A,T,C or G

<400> 3997
 tgaaaccttt tgaaaccttt nanacaagct acttgttctt tttgcaggga tcccatcgat 60
 tcggtaaaaa ccctctgatg caaaaaaaag tattaacttt cacaagctgt ttgtactcaa 120
 atacattttc tcagtttcag atcctctgct gttttattga gtggaaaagt gagctaaac 180
 gggtcaagaa gaataatgtt gcatttcctt atgtctcagg aaacactttt tatggtaact 240
 tgtcagattg tctatgaaca aaccactttt ttagacatt gataaagtct tcttttcttc 300
 acgtgatatt ttatacaaga gcacttcaga tgtattagat gtgactgatt ttaacaaatc 360
 ctattagatt tgtatcaact agttacatgt tctattcaca gtcttttgtg aatcattgcc 420
 tttttgtttg aaaagatggc ctcttttgag cctttgtttg gatacattcc tgtttttgtg 480
 acaaaagaaa aacttttaaaa ttgtcccaag cagaaaaata atggctatca gaagtatgtt 540
 ttgtttcagt gtgagttact gttactgtat ttgtttattg taaacgtaga catttagcat 600
 tcaactgcagt tttcaataaa aagtaattaa aatttgttga gttctgaaat tcaagtacat 660
 ctactaatg taaaagttct ctacttgaga tgtttaaggc aagtgcgttg tcaattacca 720
 atttccaact cttgttctac agggctctatc tgcctattca taccagactc aagaatg 777

<210> 3998
 <211> 772
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(772)
 <223> n = A,T,C or G

<400> 3998
 tgaaccnttt aaaccntttt gaaatccntt nggcttctgc aggatcccat cgattcggct 60
 atgtgctgac aaatgtggcc tactttacna ccattaatgc tgaggagctg ctgctttcaa 120
 atgcagtggc agtgaccttt tctgagcggc tactgggaaa tttctcatta gcagttccga 180
 tctttgttgc cctctctgc tttggctcca tgaacggtgg tgtgtttgct gtctccaggt 240
 tattctatgt tgcgtctcga gagggtcacc ttccagaaat cctctccatg attcatgtcc 300

gcaagcacac	tcctctacca	gctgttattg	ttttgcaccc	tttgacaatg	ataatgctct	360
tctctggaga	cctcgacagt	cttttgaatt	tcctcagttt	tgccaggtgg	ctttttattg	420
ggctggcagt	tgctgggctg	atztatcttc	gatacaaatg	cccagatatg	catcgtcctt	480
tcaaggtgcc	actgttcatc	ccactttgtt	ttccttcaca	tgccctctca	tggttgccct	540
ttccctctat	tcggacccat	ttagtacang	gatttgcttc	gtcatcactc	tgactggagt	600
ccctgcgtat	tatctcttta	ttatatggga	caagaaaccc	angtggttta	gaataatgtc	660
agagaaaata	accccgaaca	ttacaaataa	tactggaagt	tgtccagaag	aagataatta	720
tgaactaatg	gacttgagac	ttggcaatct	gccaaagggg	gacacaaaat	an	772

<210> 3999
 <211> 801
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(801)
 <223> n = A,T,C or G

<400> 3999						
tttaaacctt	ttgaaaccct	ttttaaaacc	ctttaaacia	gctacttggt	ctttttgcag	60
gatcccatcg	attcgaattc	ggcacnagta	acagtcctat	attgtttcct	gggcaagtta	120
aatagtcccta	attggccctg	agttgttaga	gaatgtttgt	gaaccactca	cacagacctt	180
gacagatagg	tttttgtttt	ttgctttttt	gaagtacatg	atatagacag	gaacacagat	240
ttttaaatgg	tagctgttac	taagtgtggg	agagagcttt	gactctggca	gtttgggatg	300
gcctttcaaa	attgacaagt	gtggttgtaa	gggttagaga	gtaagtgggt	gatgaatgat	360
acactactct	ttggagaata	aagagccagg	tgtgagggta	gagtgttcta	ngattaggag	420
acttgatgtg	gtttgaaacc	tgaggagtaa	gaaattgggt	gagagaaggg	actctgagag	480
gatgccacag	tattggctac	agctttttca	tcttcccaa	ttatccagta	aaagcagagc	540
tccctttaat	attgggagca	atattaatat	gtttactctt	atcacttgta	tttatcattg	600
nattagangt	cctaacaagt	acaattaggc	aagaaaaaga	aatgtttcca	gnntaacaag	660
aggaaataaa	acttttgtgg	tttgcagggt	gaaatgaaaa	atcctaagga	ctcttgtaga	720
aaaaactntn	tttgaaaatt	nccanaacag	cccaataatn	ttttgatngg	gaaaanaaaa	780
acaanaatgg	gttttattgg	t				801

<210> 4000
 <211> 777
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(777)
 <223> n = A,T,C or G

<400> 4000						
agnaancnnn	ttnttannnn	tttgaaanct	tntaaacaag	ctacttggtc	tttttgcagg	60
acccatcgat	tcgaattcgg	cacgaggtct	tcactctgcy	acaacaagct	tcttgaaggc	120
aaagaccata	ttttaagtat	cttttgtgtc	ctagatgcac	tgagtaaaan	nccagggatg	180
ccgcagatca	taaattngtg	ntaatnttca	aaaatagact	ctaaaattta	natttacana	240
aacattgnaa	agatactgna	nagtttctgc	tatcctacac	tgtttcccat	attattaacg	300
ncttaccatcc	ctgtgatcat	ttgtctgnat	taataaacca	gtattgatac	attatcacag	360
agacataact	ttatnaggtt	tcacaggn	ttttccttaa	tggtccttca	ctatcccagg	420
atcccatnca	caataaccaca	ttacatttag	taattatgtc	tccttagctc	ctcttggttg	480
tgacaatttc	tcagactttc	cctgtattta	gtgaccttgg	cagttttgaa	cattactggg	540
caggttntgt	ttgtttgttt	ttttgagaca	ggatctccct	ctgtcaccaa	gactggagtg	600
cagtggaaag	atctcatctc	actgcagcct	caacactctg	gggtcaagtg	atcctntgac	660
ctcaatgtcc	ggagaanctg	ggcccagana	tgtgtgccat	catgctctct	aaaaatacaa	720
aaaaataacc	cggcgtgatg	gtggggcctg	tatcccagct	actcnggagn	tgagggga	777

<210> 4001

<211> 787
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(787)
 <223> n = A,T,C or G

```
<400> 4001
ttgaaacctt tttnnnncccc ttttnaantt gtagaataca agctacttgt tctttttgca      60
ggatcccatc gattcgaatt cggcacgaga cactgttcta aagggtgtgt gtgaattttc      120
ttttttatatt attaccacaa tctgtgaaca aatacaata tctttccagt tagtgcatc      180
cctcaaattg aacttctggc tgcaaggaaa gctagggaatg attatggttt tgtagtaag      240
gaaaattatc aaaaatgggat attaggttgg ctactagcag tcttggcctc atgctttcag      300
taaatagtgt gcacttcaga tcatgtggca ttggagaaag gaagaacatg ttaataatat      360
aacatgggtt aggtcatgga gtcttgatta ttgtttccta atggtactgt ttgacttcac      420
aggctacaag acaaatttct tcaagtgtaa atttttcga tgaagaagac ataaagcctt      480
tgagaattta ctgtatactc agcactttgc ccgggtgtag gataaggatc aaaatcatga      540
aagcctaatt tctttcccca gagacttatg aatgtggctg aaaagaaaaa gtacaacaca      600
tgcaaaataa ttatgaataa atgatgtatg acaggaatgc agagaaggga gagatcagtg      660
tgcatgaatt aatgagaaaa acctcatgga gaaggagcag catagggttag atcttaaggga      720
atgggaaata ttgcagcana tgaaaangac tgccagggtg ggttataata tagtagngga      780
agaaaaaa
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<210> 4002
 <211> 780
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(780)
 <223> n = A,T,C or G

```
<400> 4002
aancnnnnnn nnnnnctttt gaantcatag aaacaagcta cttgttcttt ttgcaggatc      60
ccatcgattc gaattcggca cgagggcctt tttccttggt ttcttcttag tgacagcatt      120
ttttggaact ggaaatatag cttctattaa cagctttgat cttgcctctg tctattgctt      180
tctgactgtg ttcagtcctt ttatgatggg agccctgatg atgtggaaga ttttaatccc      240
ctttgttctt gttatgtgtg cttttgaagc agttcagttg actactcagt tatcgtcaaa      300
aagccttttt ctcatgttgc tcgtcatatc agacattatg gctttgcatt ttttcttctt      360
ggtcaaggat tatggcagct ggcttgatat tgggacaagc atcagccact atgtgattgt      420
catgtccatg accatctttt tgggtttcct caatggcctg gccagctgc tcacaacgaa      480
gaaactcaga ctatgtggca aacccaaaag tcacttcagt tgagggtgct gaagcaccat      540
tcagcatctg gatcctgatt ctctttttaa gctaaaatct catcaaggct tcaataagaa      600
gatggatatg gatatatagt atattctact cctgtaagga aaatgggtatt tggaattccg      660
aattgacagg ttatctggaa caaaggagct tctttttttt tctangtttt gcaggcatga      720
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<210> 4003
 <211> 797
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(797)
 <223> n = A,T,C or G

<400> 4003

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tcgttcacaa	atccctaggg	ctcaatgtta	aagtcagcca	ttgtttaagg	cagaaattca	180
ggtttagata	tagttagca	aagattttcc	attatatgag	atatcgatcc	tattaaacat	240
aaaacttttc	tcttggtttt	ctattttact	gtcttttggt	gccatcagct	gtatgccctt	300
taattttttc	tagtaatacc	ttggaattta	aaaatgaaat	tacaaatggt	tatgttttag	360
tgtttttaaa	aataattcga	ttaagtatgc	tatgatagag	gagcaaagtt	gttattagta	420
atatcaatgt	gcttacaact	tatggaaatg	aaaaatagtc	tttagtccta	gcagcctttc	480
tgctgtagta	aaatagtttg	tgcaacttta	atcgctgtga	ggttacatct	tcaaaggact	540
gagtggcata	agccagggag	gtcttagaaa	tcttacaaaa	ggaaaaaat	aagaaattat	600
tcctcatcat	atgaaaatta	tttactaaca	atgtatgatg	gtttaanctt	cttttaaatt	660
cttcaactttc	cactcctttt	tgcttctttc	cttttagttg	gactattacc	ggagttacct	720
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<210> 4004

<211> 816

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(816)

<223> n = A,T,C or G

<400> 4004

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tgcaagtcag	caggaccagg	gctgtcttcc	tgccatctct	ggatttggtt	agctctctct	180
gggcagtggg	gccgagcttc	atttctctca	acaataatgt	tatataggca	atgatcctgg	240
gctgccctaa	cataattgaa	aattatgtgt	attgtaggct	tggagtgtgt	aaatgtgggc	300
tcataaaaaat	atgtggtgca	ggtagcctat	ggagattgga	tgtggcacac	aatgaacttt	360
atgtaaagta	agaactataa	gtctccatgt	taatattgta	ttatgagtat	gacagttctt	420
gggtgggtcc	tcagggcagg	tctgtcacct	tcaacaaagc	ccgagtttcc	taattctaca	480
gagctgggtat	ttgatgttaa	tcaaatcggt	tttgcaggtg	gccaaagatg	aaaacttgct	540
caccaatcca	gctctcccca	ctgagggata	gcatgggatg	tagatgggtt	tgactccatt	600
tggcattttt	gttcacggnt	ttttatgaga	tggagaggtg	agtgttggtg	ggtgtccatt	660
ttggttggcc	tcaaggaaat	gactctattg	agtggttttg	accaatgcac	tcatatagtt	720
atgtggtaag	tgaaggatgg	gggtcctgta	cacaaccacc	cactagttct	nttctccacc	780
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<210> 4005

<211> 786

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(786)

<223> n = A,T,C or G

<400> 4005

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gacaccctgg	ggtcctgaca	accattggga	gtgtctgggt	ctcctgggtg	agagagaggg	180
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cttattgggt	gcataagctc	tgcatatccc	tcacctgcca	tcagcctcat	ctgaatcttt	360
gtctttcctc	agataagccc	ttaggcacca	gcttagacac	ctccaagaac	caggccccgc	420
tgatgcaaga	tggcagatct	gatacccatt	agagccccga	gaattcctct	tctggatccc	480
agtttgcagc	aaaccccaca	ccccagctca	cacagcaaaa	acaatggaca	ggcccagagg	540

gtgaagcaaa	cagtgtccct	tctggctgtg	ttggagcctc	cccagtaacc	acctatttat	600
tttacctctt	tcccaaacct	ggagcattta	tgcctangct	tgtaagaat	ctgttcagtc	660
cctctccttc	tcaataaaaag	catcttcaag	cttaaaaaaa	aaaaaaaaaa	aaactcgagc	720
ctntaaaact	atagtgagtc	gtattacgta	gatccaacat	gataanaaca	ttgatgaatt	780
tggaaca						786

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ttttacacaa	tttttttttt	aggtaataag	atgtatttga	aggattatgc	ttacgtatgg				240
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tttttatgta	agcatatata	gtccagtcct	aaatgaccaa	cttccaaatg	tgttccagaa				540
aagaatcatg	acattttata	gctgaaaagg	acctaaaaat	ccagtccttt	taatataaca				600
tatggtaact	gactccttgg	gagtataaaa	ttaattattt	aagaaccagg	taagatagta				660
gccagagcct	agaaccaatn	actcagatgc	cccttatcca	ttctaattat	ccacagcatt				720
ttctagaaac	ctcacttaan	gcanttaatg	tggatagggt	ttacctcna	aaatagtcaa				780
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<220>
<221> misc_feature
<222> (1)...(787)
<223> n = A,T,C or G
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<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(464)

<223> n = A,T,C or G

<400> 4008

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atctgatagt	ggcttttatt	ggggcttacg	gtgagacata	tcctgccatt	gaagatgacg	180
tcctccctcc	accatcacag	ttgccctctg	cacgggagcg	caggangaac	aaatggaaa	240
gactagacat	tgatagcagt	cgtncataatg	tagcaccaga	tggtctctct	ctaaaatcta	300
tatccagtgt	aaatgttgat	gagcttagag	tgagaaaatg	aggaacgaat	gcgaagactg	360
aatgaatntc	acaataaacc	tattaataca	gatgatgaga	gttcactggg	tgaccctgat	420
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<210> 4009

<211> 766

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(766)

<223> n = A,T,C or G

<400> 4009

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cctgtagttc	tacagtaaaa	aatgatttta	tataactttt	ggtatataag	tctcaaaaag	180
tgtgagtcag	aagagatgaa	acattatatt	taaaatttca	tatcaaagct	tctaatacaa	240
cgttgctaga	gccatggctt	ggaaataaat	caggaaaaaa	ccctcaaata	cagaatcagt	300
tgtgttaatg	cactagaact	tgcttctctg	tttaaagcca	taattaatca	tttaaagtct	360
ggataaaaac	catgtgtttt	gtcttttagaa	aagggtgttg	gtggacttca	agggtttgat	420
ctgtgctgtc	ccatacagca	gccactagtc	actagcgggc	ctggctattg	agcacgtaat	480
atgtggctat	tgagatgtgc	tctaattatc	aaatacacac	caggattcaa	agacctanta	540
caaaaaaaga	atataaaata	tctcaaaaat	attattgtat	tgattacatt	ttaaattgata	600
atggttgagg	catattgggt	taataaaaaca	catctctnaa	taaacttttt	aaaaaaaact	660
tttcaaaatg	catctatgaa	aacatttgaa	antatatatt	atggcttctg	cttacgactt	720
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<210> 4010

<211> 784

<212> DNA

<213> Homo sapiens

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<221> misc_feature

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<223> n = A,T,C or G

<400> 4010

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tcccagcgtc	tttcttggtg	tctgtgcatg	gataaagcct	ccccattccc	ccgtgcccc	180
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gagcaaaaaa	caaccagaag	ccctcagatt	cagagtcatg	tcgttaaaca	ctttttaaaa	420
taaaaaatta	gctgtgcaaa	ctgaaatcaa	tttaaactat	tttctttgac	taggcaggaa	480

agaggaggct	gctacatatt	aagaactccc	acttaagcca	aaccttcctg	tttccaatct	540
ccaagcaggc	attgagggcc	tctgggctgc	gtgtgggaga	gccaggaaga	agaagagta	600
ggcctgcct	ttaaagtcct	tcctgcctaa	agcaatctat	aggcagctgt	gttctaacaa	660
aaacttttat	ttataaaaca	ngcagccagc	cagcctgcct	atgggagta	gtttgccaac	720
ctgtgctgta	aattaaaaga	agcttaagag	atctgtcaga	tagtgataat	gtatgcacat	780
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<210> 4011

<211> 781

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(781)

<223> n = A,T,C or G

<400> 4011

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ggttaagcca	tacagggata	gggtaggaga	tgccatttgg	atctaggagc	agagggcaga	180
gcctcagcag	gaagagtgtc	tctttgagaa	ggagacacag	tggagcaggt	gtgtaggttc	240
acagggccag	ctatgggtag	agtcgggtgt	acatttttag	aagccacaat	tcccaaaaat	300
ctctgacta	taacatcagt	gcacagagcc	agtcaaagtg	aggaggagt	gggccaggca	360
attcaggaag	aaggaaagta	acaaatgagt	ggttgcagga	ggacactttt	tctgtcgagg	420
tcactaaaca	aaacattgtc	tcctcccctt	aacttcagaa	acaatggagg	gtaaaagtgt	480
cgcttgggcc	ctgggggcaa	agacggtaga	taacttctct	gtcgtgttct	ccagaagggc	540
ccaacaatta	caaggttcta	cggttctaaa	ttccaatcta	gtcttccaca	tcattttgaa	600
ggtataatat	tacttgtcaa	agtgggatga	tagaagatat	gtgtggacat	aaattgttgt	660
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<210> 4012

<211> 785

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(785)

<223> n = A,T,C or G

<400> 4012

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ggcatacatg	ggtgccatga	accatgacac	caactacagc	tttcagggtc	aatgtggctt	180
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tctgttccca	gtactggacc	aagtggcttc	ttcgactaga	agaatatacg	gaaaagaaaa	300
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tgtgtttacc	aaaaagactg	aaaagcccca	aagtctagat	ataaagacct	agacttcggc	540
acgcgaaatc	ccactatgct	acctcttatt	tacctgaaag	gaggacacgc	aggatgggca	600
gtcatgctgg	tgactcttgt	actcccttga	gggacattgg	tggggggggg	gcgtgggtccc	660
angcaggatg	cccantcttt	gactganatt	ggaangcant	gangnttgag	ggtgcaaaaa	720
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<210> 4013

<211> 782

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(782)
<223> n = A,T,C or G

<400> 4013
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cnttnanttt agtcctggat tctgtcacan aacatntnna ctgccnttnt ccctnnggag 180
aattganntg gnaacctact tnagnggcat gaaaaaacct agacntctcn gaannganaa 240
ccaatnngcc cttattgaga ntactgatng atngtannac canagggaca cccgngnatc 300
aatacatacn ggctgntcct gcctntttca aggggtggcc aaacgnccat nctanggntc 360
ggatcantat gggntngccc aagcgatcag aacnecgagcc atttgcttag ctgcggaat 420
gaacangntc cttgganacn ggcattctata tacacccctc ttcnttttnc cccttgatng 480
gaagcttctc tganatgaca ctctcaaaga tgngttctgn agtgacttat tgccaaagca 540
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<210> 4014
<211> 794
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(794)
<223> n = A,T,C or G

<400> 4014
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ccagctgctt gtttttgtaa ataagtgttt accggaatcc accactccca cttgtttaca 180
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aatatgtata caaatatata ttttatttat ctattttttt gagattgagt ctgcttggtt 360
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tatnagaata agcn 794

<210> 4015
<211> 786
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(786)
<223> n = A,T,C or G

<400> 4015

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tctcagtagt	tttttcgaaa	ggctgtgatc	atttattgat	ccgtgatatg	acttggtact	720
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<210> 4016

<211> 783

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(783)

<223> n = A,T,C or G

<400> 4016

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accaaatttc	tgattcccag	ctctgtgccg	gtactgtgcc	tttttccact	caagatctta	420
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gtgctgaccc	catatgctgt	ctcgactgca	atgacaaagt	atctaaatac	aaatgtgata	600
accaagactg	ctgatgagtt	tgcaaaaagt	cattgaatta	tgtcacaatt	ggaggtgaaa	660
cctgtggctg	ccttgcccat	gaaatcttgg	cgggctttct	gancctgatc	ccngcctggg	720
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ant						783

<210> 4017

<211> 786

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(786)

<223> n = A,T,C or G

<400> 4017

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atcctcacan	attggtgttc	tnnntgtctt	accaccta	tanntnnctg	ctacccaaaa	480
aaaaaaaaaa	aaactcgagc	ctttanaact	atagnagatc	ggattacnnc	natccngnca	540

tgatangatn cattgntgag nttggacaaa ccnnanctag aatgcancga aaaaaatgct	600
ntattttgcga aatntgggat gctnttgctt tattttgtaac cattataagc tgcaataaan	660
aagttanaca acaacaattg cnttcatttt atgtttcaag ttcaggggga ggngngggag	720
gttttttaat ttngcggneg nggcgcnaa tgcattgggn cccggacca ncttttgttt	780
ncttta	786

<210> 4018
 <211> 759
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(759)
 <223> n = A,T,C or G

<400> 4018	
mnttactata naatacaagc tacttggttct ttttgcagga tcccatcgat tcgaattcgg	60
cacgagcgga gctgaagtac acaaagtctt aaggccngaa aatgagcact canaaatgat	120
aacaagagac aagtagctcc aggtgctcct tcagctccaa ggagagggcg tgggggtcat	180
cggggtggca ggggaagatt tggatttcgg cgagatgggc caatgaaatt tgataaagac	240
tttgactttg aaagtgcaa tgcacaattc aacaaggaag anattgacag agagtttcat	300
aataaactta aattaaaaga agataaactt gagaaacagg agaagcctgt aaatggtgaa	360
gataaaggag actcaggagt tgatacccaa aacagtgaag gaaatgccga tgaagaagat	420
ccacttgga ctaattgcta ttatgacaaa actaaatcct tctttgataa tatttcttgt	480
gatgacaata gagaacggag accaacctgg gctgaagaaa gaagattaaa tgctgaaaca	540
tttggaatcc cacttcgtcc aaaccgtggc cgtgggggat acagangcag aggangtctt	600
ggtttccntg gtggcanaag gccttggtgg tggcaaangt ggctccttct tgccctcgan	660
gatttccnec ntggattcaa aagaagtcgt gggggcccg agtttgcgga ttttgaatnt	720
aggaaagaca acanaagttg tgcntagtct acaaacaag	759

<210> 4019
 <211> 757
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(757)
 <223> n = A,T,C or G

<400> 4019	
gaatccnnta cnatananac aagctacttg ttctttttgc aggatcccat cgattcgctc	60
ggacataaat tatttcattc acaccatctt nccttcccac acacacaccc tggagcaaac	120
actggcaccg cntctaacaa ctcaaggctg tgtcccgagg atgactgctc cagctntctt	180
acgttctgcc tganagcctg ccaagagaat caactgtttg atagggccca tctacangct	240
ttgtganaga gtnggggcct aattttgtta anctccannt tgtaaagcca nanagcctaa	300
tcgcgtngac anccnccttc ctgcttttca aanattatct gcttncctga atactgccta	360
tgccctccctn ctccctccctt attctcccta ctgcagnagt gantatggat gaaattatgt	420
ncttccctgta ttaactcagg tcancttggn ttgnntttgg caccgggnac aagtgtgttt	480
gggtctgctt gnaccactat tcccgaantg ccactggtag cacanatcaa caaatccttt	540
nctctnagct catntgttga gaaattatca ggagccatgg gaagaaatta ctattttnat	600
catgntagaa atatatttca nngtgnnttg aagagttna ananttga aa ntgggaaaag	660
gatttnangc tgcacttggg angcaanatg atgaacctta ctatggcact nnggactnaa	720
agtangatga gccccantac tgacccccag gccngnt	757

<210> 4020
 <211> 765
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(765)
 <223> n = A,T,C or G

<400> 4020
 gaattcctta cnatananac aagctacttg ttctttttgc aggatcccat cgattcgaat 60
 cggcacgaga ctggcattct gctgttctca ggagctccgc tttgatggat ggctgggcag 120
 cctgtgctgc atggaccacc agtggttgtt gaggtggtga antgtgtccc cgctaactcc 180
 actctgggca gtnaactgaa nagggagcaa agcccatgaa atgggccttt gtggcagtg 240
 tggaggtaga gtgaccaca acaaacctcc ccacttgtnc ctnnccattc agnngntcca 300
 gaggcagtga gcttggaatc ttaacangag agatcttggg gtggggtgtg gactttccac 360
 aaaggcatta cctacatgca cgttccctta cacatgtagc ctccaatct catacntaan 420
 ancacttatt taagtnaaat atgcctatth caacagcaag aactntggnn tggggagtaa 480
 agatntnttt anttnactat ttagtattaa ctgagtaaac atttaaaaag gactggatgg 540
 ggggtggcac atggggctgg ggtgcatttg ctntngctct acatttatga aagaccncaa 600
 atncattatg tgacattttt tnnaaacaag ggtatatata ctacancaga tacacaggng 660
 ctagaanaaa agtnatcat aaaacttcac actnggggtt gtattacaaa accacatagc 720
 ttcattngga nttatgatgt cnggaaaaat tattananct tgtnt 765

<210> 4021
 <211> 790
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(790)
 <223> n = A,T,C or G

<400> 4021
 ttannnccct ttannnccn ttttnanttc cttactatan aatacaagct acttggtctt 60
 tttgcaggat cccatcgatt cgaattttgc catcttttat caggctttct gtgtcgagga 120
 cgctaccac atagagtaga agctaaaggg aagggatgtg aagtgcctc accctcagct 180
 tctanctcat ggtgtcaagg cttgtgtgat cttagacacn tctgcctctt ctgagcctgt 240
 ttcttcatct gtnaaacang gatgggaggt tgtggtnaan attccacagc aacactgcac 300
 acgcatnaan tacctnggcc agggatgact cggcngacct cattttccct ctgcctctctg 360
 cctanagctg ttagcaagca tccatcatgc ggntcacaca agagctcccc cnggagggtta 420
 cagaaatgaa ggcngcagcc ccagtncttg ggtagcctgt ttccccctga aggaaacaga 480
 ctcaatatca gcaacacaga gtgaatgacg ccagggtggc naacnggcct ttcctgnagc 540
 aaatgcggga ggcttcatgg agatgacgtg ttatgaacan cactcatctt acgctgggag 600
 cagcacatgc ccccggcang gagccagtc ctgtcttcaa atacagtcac actgnggggtt 660
 naacaatgtg taaatttggg ggcgatacaa acattcagtc cataacaccc ctataccnna 720
 acccttaggc aancactaat ntacatntta tctttacaga tgacctattc tggacatgtc 780
 atatnaatgg 790

<210> 4022
 <211> 781
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(781)
 <223> n = A,T,C or G

<400> 4022
 gagnnnnttg nancccttnt gaaatctttt aacacaagct acttggtctt tttgcaggat 60
 cccatcgatt cgaattcggc acgagggtgt gcggctgtaa tttgagctat tcgggaggct 120
 gaggcaggag aatcacttga acccaggaga cgaagggtgc agtgaccga gatcgtagca 180
 ctgcactcca tcctgagtga cagagcgaaa ctccatcttg ggggaggaaa aaaaagaaag 240

taatagggag	gcaaatcaga	atttgtgtgg	gagtaccccc	tagttctggc	tcttgtagt	300
atactcaacc	tgtcaggcta	ttctgagagc	gaaagctcct	gctttgggct	agtttccatt	360
cagaatgggt	tttgataggt	atgaactagt	ctaagcacia	gtatacttct	gtgtaagtag	420
catagctcct	ctacttggt	tcatagcatt	ggacattaat	agagaaaatg	aaaaaggagg	480
gtatggtagc	tgcttgaat	agcatttgat	ttttaatcct	acatttatca	gagccccagt	540
ttttaaaatg	tttaatagcc	agatgtgctg	tttgccaggc	ttanaagttg	gtacttctgt	600
gaatgaaaan	gtgtgactga	gtcacataaa	ctgggtattca	gctagcccag	tcatcagttt	660
attccatatt	caagggaata	ccaaggctgn	ttttcctctt	tatactttga	agatgatggc	720
atttaaaatc	aagtaattgg	ggctgggtgt	ggtggnccac	atgtgaaatc	ctaattgctt	780
g						781

<210> 4023
 <211> 779
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(779)
 <223> n = A,T,C or G

<400> 4023						
gnntatanat	acagctactt	gttctttttg	caggatccca	tcgattcgcc	cctttgcctt	60
ccaccatgat	tataagtttc	ctgaggcttc	ctgggacatg	cgggaattgtg	actcaattaa	120
acctgttttc	tttataaatt	acccagctcc	cagcagttct	ttatagaagt	gtgaaaacag	180
actaatacaa	tcttgaagca	tttcatcaaa	gaattgtaac	aggagatgaa	acatggcttc	240
accagtatga	tcctgaagaa	aaagcacaat	caaagcagtg	gctatcaaga	ggaggaagtc	300
aaagcaaagc	agaccagtca	agagcaaagg	taatggcaac	agttttttta	ggataactca	360
ggtattttcc	ttgttgactt	tgtggaggac	caaagaatga	taacattaat	ttgcctattg	420
agagtgtttt	gggaaagtta	gccaaagctt	tagcagaaaa	acacctgaga	aagcttcacc	480
agacagttct	tctccaccgt	gacaatgctt	ttgctcatgt	ctctcatcat	caagaacaat	540
tttgtagtag	tttcaatggg	aaatctttag	gcacccacct	gatctggctc	cttctgactt	600
ctttttggtt	cttaatctta	agaaatctgt	caangggccc	ccagttttct	ttaagttaat	660
aatgtaaaaa	nggctgnatt	ggatgtgggn	taaagtcttc	cangaacctt	aagttctttt	720
angngggtcc	tnaaanggct	ggggggcatt	tttttacna	aaggggncnt	tggaattg	779

<210> 4024
 <211> 774
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(774)
 <223> n = A,T,C or G

<400> 4024						
taatcncttg	gtttctaata	cntgggnctc	gnactttctn	cannanccnn	tgcgntgcga	60
attcggcacg	agcccagccc	tagatactgg	cactactgag	gaggatcggt	taaaaattga	120
tgtaattgac	tggttgggtat	ttgaccagc	gcagagggca	gaagcactga	aacaaggcaa	180
tgcaattatg	agaaaattct	tggtcatcaa	aaagcacgaa	gctgcaaaag	aagtatttgt	240
gaaaattcct	caggattcta	tagcagaaat	ctataatcag	tgcgaggaa	aaggaatgga	300
aagtccactt	cctgctgaag	atgataatgc	tatccgagaa	catttgtgca	tcagagctta	360
tttgggaagc	catgaaacct	ttaatgagtg	gtttaagcat	atgaattcag	ttccacaaaa	420
acctgctttg	atacctcaac	caacttttac	tganaaagtg	gctcatgaac	acaaagaaaa	480
gaaatatgaa	atggattttg	gtatttggaa	agggcatttg	gatgccctaa	ctgctgatgt	540
gaaggagaaa	atgtataacg	tcttgtgtgt	tggtgatgga	gggtggatgg	tggtatgttag	600
agaggatgcc	aaagaagacc	atgaaagacc	catcaaatgg	gtcttactga	gaaagctttt	660
gtctgccaat	gttgtgtttc	ctgcttcac	gatattgcac	agtacttgtc	aantttcaag	720
gaatgccctt	canttagcag	aatatnggna	ttcctttgag	cgcccacaaa	cttg	774

<210> 4025
 <211> 734
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(734)
 <223> n = A,T,C or G

<400> 4025
 gnttatatat cagctcttgt tctttttgca ggatccctcg attcgaattc ggcacgagct 60
 catcacactg ttgtatactt cgtagctatt acttctttaa tcccccaagg cttgtttaac 120
 aaagtgttct tcagtttcta cttcctagtt cctttgtgga actggtaaaa atttaaaata 180
 tcttaacata atattttatt tcaaattgata aacagtaagg taaaatgtgg tttttcttgg 240
 acaacttatg gtagaatgat gtctagaata tttagttatg tcatttaata ctttttttct 300
 ttacaattta aaaaaaaatt tattttattt tagattcagg gggtagacgt gcaggtttgt 360
 tacatgggcta gattatgtaa tgccgaggtt tggcctgcta gcgcagccat catccaaagt 420
 gaccctagta cccaataggt agttttcaac ctgtgtgcct cctcttctac cttctctttt 480
 ggaatctcta gtctattact tccatcttta tgttcacatg tactcattgg ttagctncca 540
 cttacaaatg agaccatgtg gtatttgatt tctgggtctg agttacttct ttaggatag 600
 aggatgaaaa agagtgtacc tccacttcat ccatgtgctg cnaagacatg attcattctt 660
 ttatggtgga tattttacct ttttgcnagg gganagatta aattggccan ntatgaaaaa 720
 tgctgnatcc ctat 734

<210> 4026
 <211> 837
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(837)
 <223> n = A,T,C or G

<400> 4026
 aagtttaaac ctgctctngt ctttgccgat ccctcgattc gaattcggca cgaggggggtt 60
 gggggtggga ccctgggatg gggggagaag cagctgtttc tggagagaga aggggtcatg 120
 gtggccccag actgtagaga tttttatgtg tttggataca tctgctgtgt ggaaaaaaaa 180
 aaactacaaa aaccctaatt ttgtacatac tgtattttta ctattgaact gtattctagt 240
 ggctgttcat gtcceaagac tttagttacc gagacatgaa tactatccat gtaataagca 300
 cttgcctgga ataaaaata aaactgaaat aaacctgcac tgaaacctga aaaaaaaaaa 360
 acaaaaaann anaanncnta aaananccca aaanaanta aaaaaaaaaa ccnnggccct 420
 ttaaannttt ngggngccgt ttancttaan cccnnmnttn ntannacctt nnttnatttg 480
 ggnaaacccn cantttaatt nccgnaaaaa aatgnnttnn ttggnaant tgggaancct 540
 ttngctttnt tngaaccntt tttaagntgc nataananag ttaccnncna nnttgncttn 600
 nnttttaagg tttcaagggt ncaaggggga aaggttttgg naagggtttt tttaaattnn 660
 cnggggcccc cnnggggncc ccaattnnn ttttgggccc cggggnccc ccaagntttt 720
 tnnntcccc cttttnangn naaagggggt ttnaatttgn ncccccntt tgggcnnnna 780
 aaannnnngng gggnnnnntn aancntnnt nnnccctng nnnnnnaaaa aaattnc 837

<210> 4027
 <211> 787
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(787)
 <223> n = A,T,C or G

```

<400> 4027
ggnnnnnnnnn gnnntntaata nncagctact ngttcttttt gcaggatccc tcgattcgct      60
gccatgtcta gtgggctctt ctgggctccg tcctgagttt gtcacacctc ctagggccca      120
gaggagatga tgtggtatct ctatcactaa aaggagttca agaccagctt gagtaacatg      180
gtgaaaccct gtctccacta aaaatacaaa atttagccag gcatgatggc gcatgcctgt      240
aatcccagct actcgggagg ccgaggcagg agaatcattt caaccagga ggtggagggt      300
gcagtgaccc gagatcgcg cactgcactc cggcctgcgt gacagagcaa gactccgtct      360
caaaaaaaaaa aaaacaaaac aggaaaagtc ttagagaaac cttgtgttta ttcagaataa      420
aatgaaatag ttaaaatggt ttagtgcctt ttattttcaa attacatagt cagtatcttc      480
tctcactactg attcttgttt gtatctttac ccaaaatagg agtacacctt tgtcatttaa      540
ttaattgttt gatataatct tncaaaatat ggtatctggc anaggggggt gngagagagg      600
aagaatagca caaggctttt gtttgggtgc ctgcttgctg gttggatttt gagatccaaa      660
tcaactatctt ttggatgaaa tcgtagctaa ttttccctgn aacctntttt ttttttnggt      720
ctctngcccc attggnrtgct tgggatcagg aaaatgcctt atanttttng gctatttttg      780
catttaa                                           787

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<210> 4028
<211> 733
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(733)
<223> n = A,T,C or G

```

```

<400> 4028
agnntttatn atcagctctt gttctttttg caggatccca tcgattcgaa ttcggcacga      60
ggttttctcc tgttacatca tgctgaatcc tttcccttag ccattagctt ttatgatgtg      120
gtcttcgtag gaaagccacc ctggtgccaa gcctagcttg tggggagggg tatgtgttcc      180
agaaactgct ctttgtgttc ctttcaatga ggaaacaaca tgtgtctact tatgtggcat      240
ccaactgctt ggagctccac acttcccttt cgcgactcag gctctggtgc tgttgccaat      300
ccttgcttgg caaagactgt tcgatcatgt ggggtcctta tttacaaggg aaagctgggc      360
cagaaggcta gcaattcang tgttaccgct attgctgtgc cttgtgttan gacattgtgt      420
gtgtgcatgg actngcctc caaactcagt agttcctatc taaatatnaa gtatattaca      480
aacctggaag tacagaatct caaccttaca gtctttccct tantcctgtg gccttctaac      540
canctgntaa cgtgttgatt ccttncaatt cccaagtag gcangcacan attgtgancg      600
ttaaaaagta atctggttcc tntgactcat tgaattcant ttgcgcntct ggctggaaca      660
nmtgttgta cagnttttaa gaaaattgct ggntgccna taagggtggc ctggtgctcn      720
ggcctgngg ctn                                           733

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```

<210> 4029
<211> 760
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(760)
<223> n = A,T,C or G

```

```

<400> 4029
gnnttttagt cagctcttgt tcttttgcag gatccctcga ttcgaattcg gcacgagagg      60
agaaggagaa agcatatgaa ggagcaagac ccatgagagc catcttctct gccgatggca      120
atgtcttcac cactgggttc agccgcatga gcgagcgga gctggctctc tggaaatccga      180
aaaatatgca ggaaccaatt gctcttcatt agatggacac tagcaatggg gtgttgctgc      240
ctttctatga ccctgacacc agcatcattt acttatgtgg aaagggtgac agcagtattc      300
gctattttga gatcacggat gaatccccgt acgtccacta cctcaacaca ttcagcagca      360
aggagcctca gagagggatg ggttacatgc ccaagagggg acttgatgtt aacaaatgtg      420
agattgccag attcttcaaa cttcatgaga gaaagtgtga acctattatt atgactgttc      480
ccaggaagtc tgaccttttc caagatgacc tgtatcctga cacagcgggg ccagaggccg      540

```

cgctggaggc	agaagantgg	ttcgaaggca	agaatgcaga	cccaatcctc	atctncttga	600
acacgggtac	attccangca	aaaacaggga	tctcaangtg	gtcaagaaga	acattcttgg	660
atagcaagcc	cactgcaacc	aagaagtgcg	anctgatcag	catncccaag	aaaaccacag	720
acacgggctg	tgancaaaaa	tgaacttgta	ccgaccatgn			760

<210> 4030
 <211> 757
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(757)
 <223> n = A,T,C or G

<400> 4030						
gnnttttana	tcaagctact	tgttcttttt	gcaggatccc	atcgattcga	atttcggcac	60
gaggctgtac	ggagagtgtc	ggaccgaggg	gagctgggag	caggactcgc	ctccatcctg	120
agctgccgtc	ctttgaaggg	agaacctggg	gtaggggttcg	aggagcctgg	cgagaactgt	180
gcacctctc	gggaggagca	gccccctcct	gtgctgcttt	ccccctccct	tcaatatgct	240
ggggcggaga	ccctggcctc	caaagtgcaa	ttccgggacc	ccaaatccca	gcggacgcac	300
caggctcagg	tggcgttcca	ggtgtgtgtg	cgccctggct	cctacacccc	gggacccccct	360
tccgctgccc	ttggagaacc	tcttgaccct	cacttcagtc	cagccgaact	tgagtgggtc	420
actaaggaga	agggggccac	actcctctgt	gccctgctgg	tacgggtgga	atgaggggtg	480
agacaccact	actacaagca	cagtcggggc	gcggggccat	ggactctgan	tggcgactgc	540
cttcacctca	ttcccgtgac	tcgtagcatg	cncangtgct	ggancttggc	agccgcncan	600
gaacatgtag	gcaggctctt	aaatgtaggt	ggcaagtggc	acaacttcca	tgtccgaggc	660
ccacaattcg	gctgatggaa	gagtcnngg	aacccaantt	cagccctggg	accccttttc	720
atgcntgatt	ngggaacatg	actcctttta	ctncccn			757

<210> 4031
 <211> 776
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(776)
 <223> n = A,T,C or G

<400> 4031						
ttttgttcca	ttcagctctc	gttctttttg	caggatccca	tcgattcggg	ctgctgataa	60
aatatttaac	cccaagaaaag	tgaaaactaa	tataaaatta	gaaagaccta	tccaaattag	120
acagtcaatt	ccattaaaat	aagaagtgag	aaaaacaatg	ttgggcattg	aggtgtaaat	180
tttgcccaga	tgtataccca	gtgtgaaata	tcttctaata	aaaatatatt	tggtctttat	240
ccctgcacat	gtagaggcat	aaaaattggg	aaacatgtcc	cgctgtgtag	aactttaaaa	300
aaaaggcatt	tttgaaaagt	ttgagtggca	ctgataactg	gtgaancnnn	nntnnnnnnn	360
nnnnanntnn	nnnnnnnnnn	nnnnnnntnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	420
ntnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	480
nnnnnnntnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	540
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	600
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	660
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	720
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	776

<210> 4032
 <211> 774
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(774)
 <223> n = A,T,C or G

```
<400> 4032
ngtctaattnc tggctctcgt tctttntgca ggatcccatc gattcgaatt cggcaccgaga      60
ggggccttac attactttct tgcagcactg atggcttntg nttgaggctg cacaaattcc      120
tgcatttccc ttgggttgaa tggagggat gcgggcagtt ggtgactggg tgaaccacct      180
gacttgagca gggctacgac tctctctgca aacnaaaccc agagacatga acagtgtgta      240
natttctcag tggtttccca tgtaggctgc tttccaaggg cancaagcat ggcttnatca      300
ctcaccagct gcttctgatt cagcactgtg atgctcgggt aanttttaat gaggttntaa      360
atnttttcgt atgtacgagt gtttatgcca acaaagatgc tgaattgtaa acaccancaa      420
tctgagatcc ttcttttgat tncnntctnc atattgaata atccctntat ntttgtgcgt      480
annatgaaat tgcatnngat gtatnngttg anagtagatt ggtnatactt tncaaggaca      540
ggcaacaatt tcacgatnna acttcttaaa aattntntn aacaaatgtn aaaatggatt      600
nttcttccaa aaaacnnttt ttccntttgg cacataccca ancaantgac ccngaaattt      660
aaaagtaatt taggnacnn gantttagat gattaagggc nngtttaacn tttggacagt      720
ttttgccctt ttttaaaagg ctcggantcc nnttntagnn aactcgctcc ccnc          774
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<210> 4033
 <211> 769
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(769)
 <223> n = A,T,C or G

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<400> 4033
gnnnnnnnntt tnaaancntt gctacttgcn cttgcanttt cccatcgatt cgaattcggc      60
acgaggtaaa catacaataa agctgaaaat tttagtgact acttatatgc tcatcatcta      120
gattctatcc ttgagtaatc tatttttata aagggtattga tgtaactatt ttataaatga      180
aaaactacac actaaaaacc aaatatgtga tctccagcat cacagaaatg aaataaggat      240
ttttttttaa cttaggtaat attgcttgaa ctgtagtaat tcaaagttag caatttcaa      300
ggtagaattt cccatgtatt actatactgc ttcacatcag ctctattaat aaaagtagaa      360
cagttgcaaa ggaactttta tgatctgttt tgacaggaca gacaatttaa aaagttgtta      420
ataaagggtt ttagaattca ctataagcct ttcagtgtggc tttagttagc cacatggaga      480
tccgttctgg gacgaaagtt ggaagtattc tcaagaagta aaaaatncca aataatttat      540
aggggcacna gtggtttgaa gtactggtta ggattanaag ngggtcttgg cattgnccan      600
aaaccanact actttgcaca attatncttg aattcctaata catatccact agcctactct      660
cttaaagac cccagaaacc ttgctcttaa catttaagac aatgggaagg tcttgctttc      720
taaaaatgcc tttattttaa tacccttgc caataaatgg aatttnacn          769
```

<210> 4034
 <211> 741
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(741)
 <223> n = A,T,C or G

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<400> 4034
cgcaattttt annatnctct tgttcttttt gcaggatccc atcgattcga attcggcacg      60
agctcaccaa ttagcactgc caccgcaggt ctgtgaattg catgtgaaaa tagaatttgt      120
ccagaagtgc tcatgcaaat tgtgcaacac aaatgtggcc tccatgtcaa gtcctttcac      180
gtgttctgac agactcatgt ctttcagat ttctctgac ggccgcccc accccttga      240
cagttaccag agctcataag ccaaaggaaa tagttcctgt tgccatgagt actgtgtctg      300
tggtagaggt tatgagctgc tcttagggct ggggttttgc ctgagaaaac aatcagattt      360
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cgcttagatc	tgcaaganag	cagattagga	agggaatata	tgcaaatatc	tatgttaatg	420
cccaaacct	ataacttggc	ctcatggtgc	ttgtgtagca	nttctcttag	agaaaacttt	480
ttttgcattt	aatatatatt	tcatgntttt	gaaaatctgt	gttcatgcaa	agaaacctgg	540
aaagcaaaag	catnaggtca	aatatgaact	tggctntnat	tcatataatt	ggggtatatac	600
atatcttttg	tgacatanaa	cngtnctttt	ataaccatct	ttgcttttnc	attggaaaaa	660
atncagcttt	cctgangagg	aatatntttt	cantgncnct	nttaaacctt	tngannngnng	720
tngnngcggn	nanggggccc	n				741

<210> 4035

<211> 775

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(775)

<223> n = A,T,C or G

<400> 4035

gnnttnanat	acagctcttg	ttctttttgc	aggatcccat	cgattcgcag	gactcaagat	60
gacttttctaa	ggatgatttg	ggatgcagtg	tatgcatttt	tttactcttt	ttgaaaaaaa	120
tcttttcttc	gcctttggag	tgtaacattt	ggatagtttt	attcagccca	taataggacc	180
aaaggggaag	ggataaaaaa	aaattcttta	aagtacctca	gataaaaaag	ttttgtgaag	240
aaaaggactc	aaaatcctag	gttatacca	gactttatgt	tcattttgaa	ttttctttat	300
tcattttttt	cctctctgtg	tatagaataa	tcaggagata	ttggtgggca	gaactgttgg	360
ttgataacag	gaagcagagt	atctgagaaa	ggccctcatc	ctgtttcctt	ttggagctac	420
tgaggcctca	catgccagcc	attttaggat	ttgatgaagg	ctagagaaga	gttaaactga	480
gccttcactt	actcagcatc	agtaggaagt	agtgttggct	acactaaaaa	caccgttgtg	540
ccagttagga	tttgggggga	aaatgacaag	ctgcctgtga	taaacaagca	aactgtgaca	600
aactttttga	tgtgtagggt	ctgaagcttt	tcaagtttac	cgtcctcaaa	agaatattta	660
tatatatata	tatgccccac	atgcccaatn	tngcattata	tacctttnga	tntacctgga	720
aaganaaaan	gatgaaatgg	cngtaaaaaa	ttgganattt	ccagggaacc	cgatc	775

<210> 4036

<211> 782

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(782)

<223> n = A,T,C or G

<400> 4036

ngnntttnaa	tatacaggct	cttgttcttt	ttgcaggatc	ccatcgattc	gaattcggca	60
cgagcttttag	gttcttgatt	atgtcactgt	aataaagcaa	ccaatggacc	tttcatctgt	120
aatcagtaaa	attgatctac	acaagtatct	gactgtgaaa	gactatttga	gagatattga	180
tctaactctgt	agtaatgcct	tagaatacaa	tccagataga	gatcctggag	atcgtcttat	240
taggcataga	gcctgtgctt	taagagatac	tgcctatgcc	ataattaaag	aagaacttga	300
tgaagacttt	gagcagctct	gtgaagaaat	tcaggaatct	agaaagaaaa	gaggttgnag	360
ctctccaaa	tatgccccgt	cttactacca	tgtgatgcca	aancaaaatt	ccactcttgt	420
tggtgataaa	agatcagacc	cagagcagaa	tgaaaagctn	aagacaccga	gtactcctgt	480
ggcttgacag	actcctgctn	agttgaagag	gaaaattcgc	aaaaagtcaa	actggtctta	540
ggcaccataa	aaaagcgaag	gaagatttcc	angcaaagga	tgatagccag	aatgccatag	600
atcacaanaa	ttgaaaagtg	atccagagga	aactnaagga	cncaagtgtg	gatcataatg	660
aggaccggga	aacnccagga	aagtcttcng	gnnggaagaa	aattgaaaaa	ccngccaaat	720
gccttttgaa	agccaaactg	ggaattgaga	aataattcaa	atncttgga	atttaggagn	780
aa						782

<210> 4037

<211> 775

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(775)
<223> n = A,T,C or G

<400> 4037
aanngtttga anaccnngct acttggtctt tttgcaggat cccatcgatt cgaattcggc 60
acgagggttc ataaacacat ggctaacaaa gtaaagcctt caagtctggc acagactctt 120
gactacacga tgggaaaagg gattccaatt acgatttaac ttgtatttta aagatgagaa 180
aagaaatgaa taagaaaatt tgttgctatt tttcttcttc caaattagaa tctatatctc 240
taaaaatact ttgcatgttt agtaaaccatc catcttgaac agaagatacc ttgacatcag 300
ttctatttaa tacttatggc aattaagaga tttagaaagc agaggaaaag accaaaaaaa 360
agtatgtgtt acaaagtgtc atcatgcttg taggacccca gcattcttga aactaacgca 420
cctttaaaaa gtaatattta cactgctgta aatatttgca aagtatcaat gtttaattca 480
cttagaattt taaggattat ggatttacta gcgaaaattc ccctaaagca actttcccat 540
atcagtaact tttatttagg gaaacaagtt taatgtcata atacatgtga ccttggaatt 600
caatagaatt ttcgaaacta gaagtaactc agaaccgttc actagatgtg ttttaaaggg 660
ctnttttgat actggcctta acatttgctt atttgcaaat taatatgtaa agaattgggt 720
ctaaaagtaa gttttaagga atgggtattt cnncaaaaat gttatttcct attnc 775

<210> 4038
<211> 825
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(825)
<223> n = A,T,C or G

<400> 4038
ngnnntttta gatacagctc ttgttctttn tgcaggatcc catcgattcg aattcggcac 60
gagcccaaac ctaatttagg agtaaatttt ttgtagcaga tagccagatt tcagccaatc 120
acaggcttcc agctaacaag actatgccca aataaggcaa atgcctcatc acatgatgct 180
caaantnaggc agccacctag gcnaggccaa tcaggtaact tttctacttt gcttaattgt 240
tcagcctgta caaatttgct gcttatgact gctgagcaga gctgtctnaa cctcttctgg 300
tttgagtgct tgccttata atgaattggt ctttggtcac ataaaattgg ttaaatttaa 360
cttctctaaa gttttgtatt aaattgtatg taaaacattg gtagcacaat ttggattcag 420
atacccaaat attgactatg ataatgtaaa taatccttaa gcagactgat ttacaaaggc 480
ctgaacaagt ttgatattct gaatattcac ttcttctgat gaaaaaattg ccaagacctt 540
ncaattggca gggaaaaaaa atgtgtgttg gttaaataag ttatgtttaa caaccaagaa 600
catttaccac aanttaggaa aactctttac ctatggccca nggcacctat ttttaaacca 660
cacctctttg gtaccctttt ttttaaattc ctngaaaaaa atttntntaa attaaaatat 720
ggccttttta aatatttaat ttggnanttt taatanttta angtggnant tttaaatatt 780
tggcccccctg gttttttggg ggaaattaat tgccngcaat ttaan 825

<210> 4039
<211> 789
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(789)
<223> n = A,T,C or G

<400> 4039
ngnnnnnnnn ngnnnttttn aatatacagg ctacttgctt tttctgcagg atcccatcga 60

ttcgaggata	tgttgacta	gtngttcctt	gtgactggaa	tattctctgc	ccaaactttg	120
aaaggctagt	tagttacttc	tcatcattcg	ggcttaggtt	aagtgtttcc	tccttagagt	180
tcttccttga	tttatcttcc	ccccagtcta	aagtgccagt	cacattaatc	tgacatattt	240
ctccatacag	cactcatcac	tgattgatna	aaaatctatt	ttgccatntt	tctctctcac	300
tggaatatta	tgtgctcatn	aagaagctac	tcgtgtatan	tgntcctgat	cgtctgngct	360
gcataacaga	ttacctgtgt	catataaggt	gcacaataac	tatatgcgnt	gcgtgaatga	420
ncaaacgttc	tctccagtct	nttttcaa	cttctattcc	atcacgactg	aaccaaagg	480
aaatgtacta	gacgttctgt	ctggcagcct	tgttccatgc	ttagcctttc	antgattgcc	540
antatctttn	atgatgctgg	gccttngcct	tnaccatggc	tagaatgtta	gantnatgaa	600
cnaananatg	ccattttgat	ccctgctgcg	ttcacctnan	tatggngcct	ggcaagcctt	660
taanaacntn	atnactcagt	gnaccaaatg	aatgagtaaa	cgaccttttn	natccttttna	720
aggaantnaa	ttngcctgnt	tataggnaat	ngttggancc	naattccaac	ttnggccaat	780
tggaacccc						789

<210> 4040
 <211> 752
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(752)
 <223> n = A,T,C or G

<400> 4040						
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aggcagtctc	ctgagccaga	gtgtgctcag	acagagtcca	gctggtggaa	agggacttat	120
ggagagaaaa	agaaaagcga	tgtagaaaaa	ttgaaaagag	gtacagaaac	agctggattg	180
gttacagctc	ggtgtttgcc	ttattttgaa	cagggtttga	acagttggcc	acctttgggt	240
gctcaaaact	tggtgattgg	cacaagagta	ggttacagtc	tgtttgacac	tccatttagg	300
ttgcagttca	ctgtgtacag	agaaaccttt	aggctgaact	taaaacgtgt	aaggagacag	360
ctttctgctt	gatttaacag	taacacgggt	gtgtgttggg	aggtagggag	gtgggggctc	420
tttcttntnt	nanmntgnct	ttttncacaa	cantntngan	gantnagctt	gtnatgnatt	480
tgngcaactg	nttntttntg	tnattntaan	cnngancnmn	cnnnnnactn	atttttnaat	540
ttananaaaa	tncatnnnnc	nngcnnancc	tttctttnnn	tnctgncnaa	tnnnnnngnng	600
nnctnnnnac	nnannatnng	nnntntgnnc	tgnntnngnt	ttntttttnn	aananntntt	660
ntnnggnnnn	nnnnnnnnnt	nctnttttna	anncnnnnnn	nngnnttnnc	nnggnnnnna	720
annnnnnnnn	nnntnnncnn	nnnnnnnnnn	nt			752

<210> 4041
 <211> 764
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(764)
 <223> n = A,T,C or G

<400> 4041						
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tcagcccagc	tcacggccct	ggctgcccac	cagcaggccg	caggggaagg	ggagaagagc	120
aatggcagag	agcaagattt	gccgctggca	gaggcagtag	ggcccaaaac	gccacccggt	180
gtaatcaaat	ctcagcttaa	aactcaagag	gatgaggaag	aaattttctac	tagcccagggt	240
gtttctgagt	ttgtcagtga	tgcttctgat	gcctgtaac	taaatcagga	agatctaagg	300
aaagaaatgg	agcaactagt	gcttgacaaa	aagcaagagg	agacagccgt	actggaagag	360
gattctgcag	attgggaaaa	agaactgcag	caggaaacttc	aagaatatga	agtggtgaca	420
gaatctgaaa	aacgagatga	aaactgggat	aaggaaatag	agaaaatgct	tcaagaggaa	480
aattagctgt	tcctgaaata	gaagaataat	ccttaacagt	ctgcaaaactg	acattaaatt	540
ctagatgttg	acaattactg	aatcagaagg	catgaaagag	tataatttta	tgaattcaa	600
aattattctt	ttttcaagtt	gaaacttgcc	tcttctactt	taaaaaagtn	tntngaacca	660

gttactttcta	ataatcagaa	aggagatggt	ttatnggaca	tttctttaat	ataaagttag	720
agatgtcttc	ttagcagtat	ggctatcttt	tgccacagaa	cata		764

<210> 4042
 <211> 757
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(757)
 <223> n = A,T,C or G

<400> 4042						
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cgaggttttta	tacatttttat	gttcttttgca	aaactggagc	cccagaaaaga	atacaaaagtg	120
agcttctggt	cccacttctc	ccagaatagc	ctaggatggg	caaccatgta	aaattcaata	180
aaaatccaac	cttctaacta	actcgtgggtg	ttggagagta	ttaagcattt	gaaaagttca	240
ggtagaattt	tcatectttt	tgagctcttt	cctagctgct	ttgctgtgat	atatctgtca	300
ctccagatga	gggagtagtg	gtggaaaagg	aatgcattct	cagattcatt	gttggtagtt	360
caaaagaaaa	taagtaaacc	ttattcattc	tctgaagtac	tttccaccac	tactacaact	420
gatccaagaa	aaçaatttcc	cattggatgg	tattattcag	agtgttatta	acaatcagtc	480
ctgaattttt	cagaatagta	ctaaagttgt	cttttttttt	aatgggttcc	ttncttcaag	540
gttatagtaa	agctttttta	taaccttcaa	agaatacaaa	gtggaatttg	taatttatng	600
gatatacatt	cctagtttac	aggtactatt	taaagctggc	aaatttanat	naagatgcct	660
tccctttaaa	ttgccctttt	aaatctatgg	catgtctcac	ttaagagttc	caatttcaga	720
atttcatggc	aacttgggaa	acggcntgan	ggaattt			757

<210> 4043
 <211> 787
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(787)
 <223> n = A,T,C or G

<400> 4043						
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aagtagaatt	ttttttcatt	ccttacactt	ctcagtgagt	ggtaactgta	gttnttgcta	120
tcatttttca	ttttcgtttt	tgcaagtgaa	catacttttt	tcactcagag	agttggaggg	180
acttgcccaa	nactgcccac	tggaatgag	atttcaacct	caaatcaatg	ttctttttta	240
tgcaagatga	taaagagtng	gattcancct	aatttaggat	agaataaagc	caaatanttt	300
aggatagggt	ctttgggtgt	catgggtgta	atctaattgc	catgatgcaa	gtggcagagt	360
anagaattag	tgcaagcaa	taattaaagt	gacatattgc	caaaggaagc	ggttntagcc	420
cattatataa	taccttttaa	aggacagacg	catactcagg	tttattttac	ctgctgagct	480
tctgccttag	aagttttcag	aattgtgatt	acattgaata	ggaaaaaagt	ctgaactatc	540
agaaaccagt	gccgcaactt	tgacaaacaa	ctgattatta	taataatctg	cctctagcat	600
gagactatnt	taattattat	ttaagctctg	gnggacttca	ttaagcagcc	cagtnaccac	660
cngaaagggt	aaagattatt	aaaatggaaa	ggaatgggta	ccaattnggt	tattaattcc	720
gggaaccctt	aaggcangga	aaaatgggct	ttgaaacccc	aaaaagggtg	gaaggctgca	780
antgaac						787

<210> 4044
 <211> 768
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1)...(768)
 <223> n = A,T,C or G

<400> 4044
 ngnnntnttt nnaaatacac gctcgttctn tttgcangat cccatcgatt cgaattcggc 60
 acgaggggga aagttttcag ttgtattatn agntggattc tgactatttg ccataactgt 120
 attctataca cttgctgaaa acattgaatt aggggaatact gaatcatggc tcctaaggga 180
 aagacagggg taggttcctg gaagcctctg gtcacaacat tttcaccaac tgatcaatag 240
 ataaccttgt tntgtttatg tntgtgttta gagacattta atatatatng ttgacttact 300
 aacatcgaaac tcatggccaa tagcactata acttacggct gaacaaagct tatcaagtct 360
 tttctctata aggcacatcc caccttcttg cacttaggag cactagacgg catttctcag 420
 cactatacaa' ggggctatnt aaaacagaat aatcacccac aaaaagcaca acaattcana 480
 aaaannaaaa gcnaaagtct tananaacan aacattgcat aananttnan aatcagnaaa 540
 aanttngccc tttaaacnt taggggncgn ttcccanngn ccnancntna tangatccat 600
 tggtaanntt gggacaancc ncanttgaag gcnntgaaaa aaagctnntt tngggaaatt 660
 tgnnatctnt ngnttaattt ggaacctttt nacncncttt aaccnnttnc cacntcctnt 720
 gnattnattt nntnttnang gttcangggg aagggttttg naagtntt 768

<210> 4045
 <211> 794
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(794)
 <223> n = A,T,C or G

<400> 4045
 ttgtcttttt gcaggatccc atcgattcga attcggcacg agaacatgag ggccctctat 60
 gccagaagtg aattcatctc acaaaacatg ttgactctag actggtgcct cctccagcta 120
 ctactacccc cattagtcac ctagtaaaaa atgacgacat ttcacacct gcacatgaac 180
 cgctttcccc ccatttctta atcatgaatt nctgtgtctt aaattattaa tggctaagac 240
 taggtctggc agtaaaatnc tntctcctgg atttttggcc caactcgagt atttttgaaa 300
 aaccgacaca gtatttttagg ggagcccaaa aaccatgatg ggaaaaagaa tgagctgggt 360
 gtaaaaggaag aggggtggcag agccccctc cagcagtgct cacagggact tccccagggc 420
 accaggcacc atctggagac ggnntttggtc acactgggat tgcggggagt cacctagtgg 480
 gtggaggggc cagggatgct gctgaacacc caaagtgcac aggatggctg cagtcganca 540
 tgtcaganaa agggctctggc cccaaaagcc actcgcgccg gtggctgana caancttgga 600
 gcaagggaac cctttggtca aggnccccc gtttttttaag ctaaaacgta aancaggaac 660
 cattcaagcc aagaaggagt tcccaggnac gttttttttn ttanggaatg gaccctttaa 720
 gaaaaattga aaancatnnt taccatggg gttnaacccc catggaaatt tccggggcaa 780
 attccaagtn cctn 794

<210> 4046
 <211> 750
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(750)
 <223> n = A,T,C or G

<400> 4046
 ntgnntttta atactngctc tcgttctttn tgcaggatcc ctcgattcga attcggcacg 60
 agactgtgga gagatctcag tttttctatc tgtaattgct catattttga atgctaagtt 120
 ttcatacaacc ataattttta cgtgctctaa tatgtttctt cacagattca tgccatgttc 180
 agtttaaaaag agtcctgttc ttttaataca ttatctttga aatgcctctt actgaggaat 240
 gactaaactt cttctgaaat gtgctctctg gattgaagtc aagagtacat gttgcaacaa 300
 agataatcat gacttttagt attaagagac aattaccaga ttgagtgtca cttanaaaag 360

tttccctccc	tgtgcagaga	ttactggctt	atcaaacaac	ccgccccatg	tgggccatat	420
atnattgaga	taattantnt	ccaactgata	ctaaaaggng	taattgggat	aaattaattt	480
tagcaaagag	tcctgtntcc	aaagaaattg	ggcatgtat	ttggcaatta	ccaaaaagtc	540
agntgtcaaa	tatgaatgat	accgtggtgt	gcagtgaaca	atcaatttac	tnaagggagg	600
ctggccttta	ccttcgctct	tngagacanc	tctagcctgg	aaatcatgcc	tgataggatg	660
tcttntctgn	ganggactga	aaataaagaa	tacctgaaat	ctggangatt	ttaagaggtg	720
gtgtgaatct	gttnaagaaa	ggtgaggaan				750

<210> 4047
 <211> 824
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(824)
 <223> n = A,T,C or G

<400> 4047						
ccctttnaan	tccttgttg	tnnannagnt	nggaaactna	agcttcgtaa	aaganaggnt	60
tgggaatnng	gcncggggag	gaagcattca	catatnctag	aatantatga	cttggctatc	120
aacccttgc	cggctgnagc	tccccatnng	ctgtagtcct	gtatgtgcta	tacccaacct	180
anagcacggc	gccatgcctg	gctaatttat	ntcataact	ttctacagag	atggggctctc	240
actatgttgc	ccatnctgg	cttnaactcc	tgnttccaag	tgatctncng	cctgagcctn	300
ccaaagtgt	gcgattatan	acttnaancn	atcgacttgg	ctcaaactct	ngttntaatt	360
ggncctttng	tcagaaagaa	tgtgccactc	tgaantttgt	tccnmatatt	gnmntcttna	420
atcacttnna	acctattnta	cannnatntt	natttntctca	tgaaantgct	gggattatnn	480
acatnaccaa	atagtgtctg	gctcaaatat	tcgnttcaat	agnnnctttn	atnnkanaag	540
actntgccac	tnttgatttn	gnntcangng	tgtaagctt	agtancttgc	acttanctgg	600
aacctattat	ncntttnaat	tttacttnna	tnnatcttn	ctaactcnaa	tntcnatctn	660
naatnnanct	ttntaatnnc	atctacnnc	ngnttttnna	atthtntctga	tnactggntc	720
anttttance	ggnnntnta	aataacgnnc	nnaccnanat	ntntangcat	nnactcttcc	780
cntgtanttt	tctncaata	aatntnncgg	naanatacnn	nacc		824

<210> 4048
 <211> 779
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(779)
 <223> n = A,T,C or G

<400> 4048						
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tataatctgg	gggtacagag	caagaagaag	tactttgact	ttgaggagat	tctggccttt	120
gtcaaccacc	actgggagct	cctgcagctt	ggcaagctca	ccagcacc	agtgcagat	180
cgaggaccac	atctcctcaa	cgctctgaac	agttataaaa	gccggttcct	ctgcggcaag	240
gagatcaaga	agaagaagt	catcttccgc	ctgcgcaccc	gcgtccacc	caaccgcga	300
gggaagctgc	tgctgacaa	aggactgctg	ccaaatgaga	acagcgcctc	ctctgagctg	360
cgtaagagag	gaaagagcaa	gcctggtttg	ttgcctcacg	aattccagca	gcagaaaagg	420
cgagtttata	gaagaaaaag	atcaaagttt	ttgctggaag	atgctattct	ccgagcttgc	480
caatgccgct	aaggacgaca	agaagaagaa	ggacgctgga	aagtcggnca	agaaagacaa	540
agaccagtg	aacaaatccg	ggggcaaggc	caaaaagaag	aagtgggtcaa	aggcaaagtt	600
cgggacaagc	tcaataactt	tagtcttgtt	tgacaaaagc	taccctatga	taaactcttg	660
taaggaagtt	tccaactatt	aacttataac	cccaacttgt	ggtctcttga	agagactgga	720
agattcgang	cttccttggc	caagggcagc	cctttaagga	ncttccttat	taaangann	779

<210> 4049
 <211> 805

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(805)
<223> n = A,T,C or G

<400> 4049
ttccaanngg ctnggttctn atncttggcn annaaaaantn ggtnggaatt cggcacgagc 60
tttgcagcct tttcctgccc ttaaatttga taccttttgg gtaggagctg cataagngac 120
agttgctgnt tttacgttnn cacgcgtgat cttgaccctg ctagcctgaa gtgtatgggt 180
tctcttagcc agttctaatt tttgttcagg tggaagatgg atgcctgaag tgtagactgc 240
tgctagctga ataccatntg ggagcataaa ggtgacctga aggtaggng atagtctta 300
aagcactttg taatgggaat ttttatcacc ttttaaattg gggttccttc tctagttagt 360
tttaattgtca gtaggtacat tcngtantgt tgctctgtct gtagctatta agngagtta 420
ataaatggga tagcctccac agcttatttt tgggaaggtt ttgctgatac ttcctgagaa 480
gcccanggaa ataaatacgc atagtctggc attctgcac ttctttaaga tttgtttnta 540
tgtgtangta attgagtttt ttaaaagctt gngaaatcng cangcatatt accaaagtcc 600
ttgattaaaa tggtaatnnc aanaaatntt tngctgtcna attgagtacn ttaattttca 660
nctcttaatg atggncntc ggtgnangga ttttgaaaaa ttccgaatct ttcacatnng 720
aacttaccct aggaattcan tttnganaat tnnncatggg naantcttgn nnggantacc 780
tgaaccataa atttcccngg tcncg 805

<210> 4050
<211> 789
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(789)
<223> n = A,T,C or G

<400> 4050
tccccttttg aaccttgctc aatnagtctn ggttctaate ncttntcnan nagnnaggng 60
ntgggaattc ggcacgagta ttagtgataa gtatatatgg acatcttttg gaacaaagat 120
aactaacaaa agacaagaat tttcaagaag gaaaacaaag aaaaaaagggt aatcagggtta 180
tgttacatag nttantgct tatagtnttt ctttggttct gctcatggaa acacaatgac 240
tatcaatcta agtaagacta taatatatta gaaggatggg tgatgagaag tgtgaagtgt 300
tgcaagggt aatccttatc ttccgctatg aagtatcaat aagcaatgcc caaaaaaatg 360
aactattaag aagtaactgt aaagtatat catttanaga tagagtggag tatagcaaat 420
gaatcagcta aaatatnttn aaaatgggta ccctctgggg agtggaagat acatgtatgt 480
attgnggggt ggggatgcac tgcaatgaga tttctttttt ttaatccttg tgggtactact 540
tagntctcta aactatttgc atctataact ttgctaataa taacntttaa atttncaaat 600
tgatcactct tgtnatcagt tcaaatngaa acaaggagat aacataattg ctaagnttat 660
ttttggcata ttnatcacnt tgtatatgtt tcantgagaa taccatgtta cattcctctc 720
aagcangtnc ttcttaaagt cnaaattgct gnattatttc tcaaaaacna ttntngnant 780
ncactttng 789

<210> 4051
<211> 785
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(785)
<223> n = A,T,C or G

<400> 4051

gcgtccccct	tttgaaactc	ttcaaattccc	ttggtttnaa	nccctttncg	caggatccca	60
tcgattcgaa	ttcggcacga	gatttgcctt	aatcttgggt	tactagtaat	gctatctgcy	120
ctgtgcgtct	aaagcctcca	gaaagattgc	tcaggcatgg	cctaatagct	tttatcagtt	180
cactcagtg	ctcttacact	ttgatacctg	aaacctagag	ttaactgtgt	aggaccaagc	240
tcttctgaag	gagtcaactg	ctctcctctg	tcaataatgg	ctgtttatgc	caaaacagcc	300
aagagaacct	ccccaccccc	ttccctctgt	caaagtga	tggaacctaa	gaatggaagc	360
tagtggctat	tttgccatac	cccaaccaac	ttgctattgc	ttaattccat	ctaattatca	420
gctgggcgctc	gtggctcatg	cctgtaatcc	catcactttg	gtaggccgag	gcaggaggat	480
cactagaggt	caggagtttg	agaacagcct	ggccaacatg	gtgaaaccct	gtctctaata	540
aagataaaaa	aattagctgg	gtatagtgat	gggtgcctat	aatcccagct	actgggaggc	600
tgangcagga	gagttgcttg	aacttgggag	gcagcagttg	cagtgcagctg	agattgtgcc	660
cctgcactca	aagtctgggc	gacagantga	gactctatct	taaaaaaaaa	aaaannaaaa	720
aaaactcgac	ctntagaact	atagtggagt	cgtattacgt	agatccnact	gataggatcc	780
attgg						785

<210> 4052

<211> 813

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(813)

<223> n = A,T,C or G

<400> 4052

agtctccctt	ttaanccttt	caaatccctt	ggttcangcc	tttacgcagg	atcccatcga	60
ttcgaattcg	gcacgagctt	gagagaatag	atctagatgg	gtggggcacg	gttctgggga	120
atggaagggc	caaagaggaa	agtgggcaat	gggtgggttg	agaacgcagc	ttctggactc	180
agcaggcctg	ggttcaaaact	ctgttaatca	ctcctgttaa	tcccagcgct	ttgggaagcc	240
aaggagggag	gatcacttga	ggccaggagt	tcaagaccag	cctgggcaac	ataatgagat	300
tccatctcta	caaaaaataa	aaacaattag	ccagggtgtg	tggtgcacac	ctgtagtctc	360
aggtacttgg	aaggctgang	caggagaatt	gcttgagcct	gngagtgtg	agtcagtgtg	420
gcagtggcac	gatcatggct	cacttgacg	cttgacttct	naggcttagg	tgacccccca	480
acctcatcct	cccagggtggc	tgaaactaca	ggcacatgcc	accatgcccc	agctgatttt	540
ttttagagaga	cagggttcca	ccatgttgcc	aagctagtct	acaaaagcat	ctganttttg	600
gaagtacatg	gaatttgttg	taacaaaant	atnttgaatg	gaaatggctc	tcantgtatt	660
tntggaattt	tccattaaat	aatttggctt	ttttccttga	aaaaacatan	nnctnctttt	720
tnntntnnat	acttncctt	tnnttantat	tatanaatnt	cnttcnagcc	ctttnncaan	780
ttntcntgga	nttnnttatt	ncattttatc	cct			813

<210> 4053

<211> 778

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(778)

<223> n = A,T,C or G

<400> 4053

tttgaaatcc	ctggtttcaa	ntccttgcgc	aggatccctc	gattcgaatt	cggcacgagg	60
cgtccttcag	atatcaaatt	caagcctcta	aataagacca	aggagtatac	agcctgtgaa	120
ctgatgaaca	tatacaagac	tgacaatcac	ctgaaacatt	atttacatat	cattgaaaac	180
aaaccctgt	atccagttat	ctatgatagc	aatgggtgcg	tcctttcaat	gcctcccatc	240
atcaatgggg	atcattccag	aataacagta	aatactagaa	atatttttat	tgaatgcacg	300
ggaactgact	ttactaaggc	aaaaatagtt	cttgatatta	ttgtcaccat	gttcagttaa	360
tattgtgaga	atcaatttac	ggtcgaagct	gctgaagtgg	tttttcctaa	tggaatatca	420
catacctttc	cagaattagc	ttaccgaaag	gagatgggtga	gagctgacct	aattaacaaa	480
aaagtgggaa	tcagagaaac	tccagaaaat	cttgccaaac	ttctgaccag	gatgtattta	540

aaatcagaag	tcataggtga	tggaatcag	attgagattg	aaatccctnc	aaccagagct	600
gacattatcc	atgcatgtga	tattgnagaa	natgcagcta	ttgcttatgg	atntaacaac	660
attcagatga	ctcttcccga	aaactttcac	cattagctta	atcaatttcc	tcttaataag	720
ctcactgaac	ttnttcgaca	tgaccatggg	cannccgttg	gcttcacttg	aaccactt	778

<210> 4054
 <211> 744
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(744)
 <223> n = A,T,C or G

<400> 4054						
agtctatanc	agctctgttc	tttttgcagg	atccatcgat	tcganttgng	nacnangttn	60
gtgcttnacc	actgcttact	canggcccg	ncctttgccg	catttntgca	nacnnaccc	120
ctancccgang	agcctctggc	agacttaana	gcctgctgnc	ctcaccagng	nnccnacatn	180
gccggnctga	gancnagtgn	ngagtcacag	ntcagncan	aatgccnaac	gcctcnanct	240
gntcctgaen	gntnccnagg	ggacaccata	tagccttagt	catgnntcat	atgcccggan	300
gaatcttccc	ccaganggga	ctatcctagn	cnacnagatt	tgtgtcnaaa	tntctgcttg	360
ntgttngaac	ctncanacna	tatggnanng	acacactatg	gaagtctgga	attncatgga	420
natttnatga	tatgaantaa	ntgtgtangc	tcctggcata	gcaatgntgt	nttacttcgg	480
agntnaanng	annctggacg	ttgcngacnt	gntccntaat	ncaangcacc	ctnatggang	540
atagcnggac	atnctgggct	tgnnnatnga	tcctgntgaa	gcaannctgc	gntgtgatta	600
ttaccgctng	gctggngncc	accagcactg	gctaagtctn	tacggctnna	gtntctttgt	660
cagnntattn	aatggntatg	taaactttna	gaattaaant	gggnnctntt	gngnnngant	720
annttaacct	tacntntttc	ctat				744

<210> 4055
 <211> 1017
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1017)
 <223> n = A,T,C or G

<400> 4055						
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tcacttttga	attgtgttca	gatatgcagt	ttcaggtgta	atcatcagag	ctggttagtc	120
aggcattcca	gatagtgggt	cttttcagaa	cctttttaaa	agggttggtt	aactacctca	180
gtagcagagg	attgaactat	accctgtctg	tactgtacat	agaaaatctt	tgtagataaa	240
agcaaggctt	gntnaatatg	atatgagggt	aagatttttn	atanaccnan	tgtaacnttc	300
ttagngcctt	tagttncaa	aggcttgc	acttntnat	naccantatn	acacgcctng	360
nnnttntcnn	annnnnctnc	tgcacacaca	nacntntnt	tnctngtatt	tctgntncca	420
cannntnnnn	ctntctctt	accnncctn	ctnantnncc	ntnctctccc	nnntccnccc	480
ccnccgacac	ttactnctnn	cctnncncc	nnccctcnn	tnnnnnnnnn	nnntntncc	540
nnccnnnnnn	ntctnnnact	atctnttccc	nnctanngtc	tnncttncnn	tnnantntnt	600
gntcnnnnnn	ttctnttttn	ttcnnctatn	tcnancnnc	ctgnnnccctn	nnccnnnnnc	660
tnnccnnctn	tnntnaccnn	ngnncctent	ctctttnnngn	ncntnctnnnt	cntnctnct	720
cnccnnnnnn	ngctnnnnat	ncntntntat	ntctcnnnnn	ntnncacnnt	cnctntntcan	780
cntctgtttn	nnctctcann	tcacntntac	tnctntntnn	cctnnnnnnnn	ncgcnnnnnt	840
ctctctnnan	nttccncant	nnntcnnnnn	annccncttg	atctnctatn	nnnttctctt	900
ncncatgntn	ncnttccnnc	atttctntatn	nnnnnnngntt	acctnctntc	nnnatcnnntc	960
nnnttacnnt	catncccccc	ctgntntccn	ntnccnntatn	tcnannccnn	tnctnccg	1017

<210> 4056
 <211> 747

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(747)
<223> n = A,T,C or G

<400> 4056
tntttanana tacagctctt ggttcttttt gcaggatccc atcgattcga attcggcacg 60
agggcagaga atcccttgta gaaaggtggg ggagaatcat aggatattat aactgtaagg 120
aacatgcaag attttccaga ttataccctt gatagaatag ataagttcct taaggctcag 180
atcttgctta aagtctcca gcctgttaga gacaagtaga acacgaagct ggctcttgga 240
gtctttattg agtactttgt acaattggtg tagactggga gagccctcct cacttcccct 300
ttcttggtgt gtaatttcct gtggggcaga acacctcaga ggtttctgtg catcaaaata 360
agatgcagca aagacatgga aaaggataa cgagacanat tccancanta agtagatnag 420
gttgngtttt ttataaaaga taacgaggca ttccttcag aaatgtggag cctttgtaga 480
tttcagtgc taaaacccaa ccatgatttc ctgcagtgat cacagagcag agangggaga 540
aagccctttt atcacnaacc ancaggaagt ctctgtaaaa tnggtaagga ttctggttta 600
ntgtgaagaa cccattttt gngtatgttc tgggccctgg gaaggacaga tcatatttga 660
cntcanaata aatgatcagg ccagcatggt ggttactctg aatcctaccc tttggaagct 720
taagtggagg attgcttanc ccanant 747

<210> 4057
<211> 788
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(788)
<223> n = A,T,C or G

<400> 4057
ngtattcaca agcgtngtt ctttttgcag gatcccatcg attcgtgaaa atacttatct 60
atagaaacag tgttgtaaat aagagagtct cagattatca aatgaaactt atttaaactc 120
atgtaactga actaataata ccagctgcag ttttatcctg gctgtaagga ctaccatgat 180
gggaaaaaat aagaggaaac cttaccctcc cccacattcc cacatgacca gcagcataag 240
ggctccaggt taccacagta tccatcattt gtcttatggc caccacagta cacctgttta 300
catgacttac tgggcctgtg tagaaattgc agtttgtgat aggatcccag tatagaatca 360
cagaaactga cttttgaagg gtaatgtaaa ggctatttgt atctaact tttttaaaaa 420
acagtatgct tttgttttat ttattggagt atatttttga agtccctgtc ctctgtcact 480
gctcagagta attatcatct ggtttatatt ttctagagtt ttttgtgatn ctataaatta 540
tgtcttttgt tatgtaacac atgtaatttt tttacaacaa atgnggntaa tgctatacca 600
taatctacta caactttgaa ngggtttccc ccgtggttgg ctactttgga tctggccttg 660
gtngatattt tataatntat antataggct ctcgttngtt aaattccatt taaccaactt 720
ccntggaaan ttcccatctt ttgaaatggn cccattaant tatttaaat antttccctc 780
ttgggagg 788

<210> 4058
<211> 761
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(761)
<223> n = A,T,C or G

<400> 4058
gtnagataca gctctgttct ttttgcagga tccctcgatt cgaattcggc acgagatgag 60

gtgtgangcc	nttnaatccg	aanaagngcn	cnaagantga	gaacgtgatt	gcntgaaatg	120
ttcatccaga	natcttgga	tataggagaa	cagggggaga	ctngattgat	taggttgga	180
atatttgtcc	tatggaccac	ggtaacgggg	nttagcnttc	atagtatgta	accaggantg	240
gnagnnggag	tcatagagta	tnggnnctct	tnatcccagg	agattcccaa	tggggncagt	300
atctactgnc	cttnnngaga	gaccatgctn	ngctgtctnt	tttanggnna	atcannaatt	360
tagtggctgc	ccctncaatc	ttcattccac	tcatecntac	cctnttggca	ttcttaatgt	420
natttgtggc	cctgtcctta	tcattttaca	agggtaaatt	ntcntccaga	tatangaacn	480
tgtttactaa	actttaagcn	cnttaantta	aacatcntta	cctaagaaca	ntcntggtnn	540
caannggagg	ttnacaaggg	gctagcgctn	taaaaccact	ctnctntttt	nccggaagat	600
tgccnntctg	ancttgtaag	ntnangattc	ntgtggacan	gaaganttgt	ggcatnacng	660
tttnacngnt	gggttactan	tgcacntgtc	aactngnnng	gaaatgtcnt	ggatacaang	720
tgtnatgggg	ntgaatttna	acgggacnca	anggtggngg	c		761

<210> 4059

<211> 804

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(804)

<223> n = A,T,C or G

<400> 4059

ggnnnnnttg	tctatagctg	gctctcgtct	ttctgcagga	tcccatcgat	tcgaattcgg	60
cacgagccat	cngtgnctng	cnangggcct	gccccatagg	atggcctcag	caaattttca	120
gtgaactcaa	gttcattgan	ttccaattng	tgaaataaac	tagagggcct	ctctgaactg	180
ccngcctnat	gagaangact	gtgannagta	nccngnccaa	nacagactga	ctgtgacaaa	240
nctagananc	attacaggtt	tctgagaaag	aangaaggtt	caagttcaca	ttggtactgt	300
gaccacgnca	gctcattgcc	ctcctanacn	gggctctgca	agctttctnt	ttactggagg	360
ctgnactact	ctttnaagct	gnaacagtgt	gattataanc	ccnnantngg	ccccctttga	420
cancatcttt	acaataatgc	tcttggttcc	tcaaccngct	ggtgactctg	aaagctgatg	480
nngacgggnt	gccaaaantc	atnatatann	cagcctncna	aangcngtga	tctctncatg	540
anctcatgna	nccttaaacn	cgtgcttgcc	cnttntttta	caccnttaac	aatnttgaca	600
tncacctnna	tgccntngc	gaantcaaat	ncccgtagnt	ccaggcttga	aaangaaaca	660
cccgttntag	gttgggacct	ttccacaagn	tccnatgcn	ggggnaanaa	caatgnnttc	720
attgnnnnga	naatncgtca	atcccattgg	nttttanttn	gtnccttttc	aaacgcgngc	780
cttttaana	tngttggnaa	cccc				804

<210> 4060

<211> 750

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(750)

<223> n = A,T,C or G

<400> 4060

ttmntcagct	cttgttcttt	ttgcaggatc	ccatcgattc	gaattcggca	cgagcccagc	60
cataatggag	cctgaaatca	ggaattcatg	tttcaaggtt	acatgtacaa	atgtatgccc	120
tctcagaaca	atggccattt	tgagaaagcc	agtgaagac	agccagacca	ggctcctctg	180
cctagcacc	accagtgcct	gccagctcag	cccaagtctc	ctcacctagg	atagcttgat	240
ggaataacaa	tgtattttta	ttttctgtag	acctaaaact	gctcttaaaa	agtctatttt	300
aaaaatccat	cattaaaaca	cagactttct	ccataataag	aagttggagg	ggctgggcac	360
ggtggctcgc	acctgtaatc	ccagtacttt	gggaggccga	ggcagatgga	tcacgaggtc	420
aggagctcga	gaccatcctg	gccaacatgg	tgaaaccccg	tctctactaa	aaatacaaaa	480
attagctggg	tatggtggcg	cacgcctata	gtcccagcta	tttgggaggc	tgaggcagga	540
gaattgcttg	agcctggaag	gtggaagttg	cantgagccg	agatcgtgcc	actgnacttt	600
tagcctggcg	acaaantgag	actccgtctn	aaaaaaaaaa	aaaaaaactc	gnccttttag	660

actatagnga gtcgtattcg tagatccagc atgataggat ccttgatgaa tttggacaac	720
cacacttgat gccgtgaaaaaatgcttntt	750

<210> 4061
 <211> 851
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(851)
 <223> n = A,T,C or G

<400> 4061	
anaannngtc aatgctggct actcgnctnt ctgcaggatc ccatgcgatt cgcttgaacc	60
tgggaggcan aggttggtgn gaantcaaga tcangccact gcactccagn ctgggtgacn	120
ngagcagnga ctccatctca agaaanaagt nantaacnaa tnnttcgngn atgtgatgac	180
tgactntagt cnttatggaa aataacttcn ggcagctnag tancactgg tcancaattc	240
cgntgtntaa gagangtnt acantcnant nctcaatatt ntcagnctga tttcaatacn	300
gacacgcnac cactgaaatg cngaaagatg gnaatcanag tgtgatgttn ntatnnaant	360
ctcgagattc acatgtaatn agacccttta ncttnaatga tcacnacatn anaatggnga	420
catgatctta acttgggaac atatggantn tgtatttgnn aattntagnn tcacanacnt	480
atccctatga ntgnagacn catgntctgaa atctaagctt tanaatattn nctntgtcag	540
tnaaacagca tgnttncatg cnnactgaan ctaanntccc aaatnaantg ntcatttttg	600
gatngnnngn ancacattgt naaccaattc gttgncact tntgnntanc aaatnnnnna	660
ccatanctcn nntggnaccn atggaaggga tnnnatnnna ncaanaancc ttnggnnccc	720
ntctangnnc ctnttngtag angncnaan ttcccncn tgnnccanga catggnnncn	780
ggantacccc ttcattaatt ttggctnnta tancctcaan anttgaaatt ccnnnnncna	840
naaattnnnc t	851

<210> 4062
 <211> 762
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(762)
 <223> n = A,T,C or G

<400> 4062	
ngnnttnatc agctcttggt cttttgcagg atccctcgat tcgaattcgg cactgagcttc	60
cttgtataat actgatcatt ctatttttagc ggtaagaacc caagaaggag tatggatacc	120
tgtaaaagctt tctggtcctt gggaagcctc tccctctgtg catattatta ctgaaattct	180
tcaaaagatt ctgagatgct ctgagtggtt cattgctact ttaattttta tcattatggg	240
attgattgct gtcacagcta ctgccgcggc agctggagtt gctttgcatt tcacagtaca	300
aacagcagac tatgtaaata attggcagaa aaattctact ttgctgtgga attcccaaac	360
taatattggac cagaaactag ctaatcaaat caattatctc caacaaactg taatgtggct	420
aggagattga gtagttagtc tagaatatag aatgcagtta caatgtgatt ggaatacttc	480
tgatttttgc attactcctc atctgtataa tgaaagacag catgagtggg aaagagttaa	540
gaaacatttg aaaggtcata ctggaaattt acttttagata ttatgcaact gaaggacaaa	600
tatttcaatc ttctctggca catctgacac taatgccagg aactgaantg cttgaaggcg	660
cttcaaatgg attagcagct attaacccat taaaatggat caagacnaaa naaaaaaaaa	720
aaaactcgan cctnttaaaa ctatagnag tcgtattcgt aa	762

<210> 4063
 <211> 759
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(759)
 <223> n = A,T,C or G

<400> 4063
 gtttatncag ctctgttctt ttgcaggacc ctcgattcga attcggcacg aggtcagagg 60
 tcaacaatga gtatgtggca ataacaggat tcaaaccag atctgttagc ttccaaagtc 120
 cttggtctta catgctaccc actagttcct tggagggggc tccggaccat ggaggtcaca 180
 caccagtgtc ccgagtgtgg tcctcacagc acctgcatca acatgagggt gggatttgat 240
 taaaagtgga tttctggggc caccacatt ctgaatctaa agttctgggt gtggtttttag 300
 gaacctgtgc ttttaacaag tacccttagt gatttatata cttactaaac acttgagaat 360
 cactgatctt tccagtgtgg tgtgacttat agacagtgtt ggacagaaat gaaacaaagg 420
 agaaagatga agcacagaca gaaagagctg ggaggatgcc ctgcatgttc ttatatctgt 480
 aaatacgcct ctcttctcct ttgtctcagc ccttgctgtt taaatctaga cccttacatt 540
 tttcaactat ttggctccag cctncccttg cctgactcct ggctttgtat attacctctc 600
 tttctgact ttcactgcct tttacaagtt tgcattttct gctcattttt agaagatcct 660
 actaagggcc aaaggaaaat acactgtaca gaaacctaaa attagccct ttagaactat 720
 agtgagtcgc tattacgtag atccagacat gataggatt 759

<210> 4064
 <211> 761
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(761)
 <223> n = A,T,C or G

<400> 4064
 gnttttnnca gctcttgtct ttttgcagga tccctcgatt cgaattcggc acgagattct 60
 cccaaaaagg ttcattcccga gaacactgaa gaataatttt tgggaatgtt aatgatgtgc 120
 cacaaaatta gtattttatg atcaaagtaa tttgctttat aatattttat ctaaattatc 180
 atgctcctga agactcaca aataaaggaa actttatcca gctttttcca gaatttactt 240
 gcacatagac tccattttata tagcatgcct attgaactct gtaaatagtg cagttcagga 300
 aagatagcag tgtgggaaat gtcactctaa tgggtcatata cgtttatccc atgggagggt 360
 aaagcatata ggtgagagga gagtgatcgc cctggggaac tgtaatgaga aaggattgat 420
 ggctgtttca gttgttgttt tctgttcctt ggctgtctggc atggggggcaa gggggaggct 480
 gaggtcagg tcttagagaa cagaacattg catttcactt cacagtcagc aaagagaaag 540
 ccaggcaagc acccagaagt cagtgcceca gtggagtcac aaaagactat taattcttnc 600
 cacattgaat tgtgacacac aggaagctca ttacagactg agtgccctga gtttttattt 660
 ggggctagtc atgtaggtcc ctttggtctc atgcccccca attccagact tccagaaaga 720
 aagccagaat tcaaccttaa ctggcttgggt tggtcnaacc a 761

<210> 4065
 <211> 782
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(782)
 <223> n = A,T,C or G

<400> 4065
 ctcttgttct ttttgcagga tcccatcgat tcgaattcgg cagcagaata cacaatttac 60
 atgtcagagg atggtagagg aattgtcact tatgcttcag tctgacttag tgaagcagtg 120
 gggccgagaa agcaatcata tacgcatttg tctcacatga gcagaggaac agagggatga 180
 ctttaagttc tgtctgtttt ttgtccacaa ggaattttct tgtgggcaaa ttgtgaggtc 240
 tttgtagcta tcttatttta ggaataaaat gggaggcagg ttgcttgat gtagttccca 300
 gcttgacctc ccttttcctt agtgattttt ggttcccaag atttattttc ttttcacaga 360

ataaattgtc	tttcagaccc	agagagcatc	acagtcacat	tcagaaaggt	gtccaaatgt	420
aaatcacact	ttcacataga	attacagcta	tattaacaaa	ttttttcttc	cattgncttc	480
at ttgttaata	tataaaaaac	ttaagctttt	aaaaaactaa	agttgaatta	tggncttaaa	540
aatgatgggc	aatcttatct	tcactggcag	gatatagacc	at ttgnctgg	ataat tttta	600
gtaagt tgc	atacag tttt	angccttcct	agntattatt	tggtggggta	nttctcttac	660
tttccctggg	nccag ttttn	accattggga	acccccccct	taatngncca	ccntnttttn	720
cccccccan	aaanccann	cnntttaaag	gggggaaaat	ggccccnat	taannccnng	780
gg						782

<210> 4066
 <211> 576
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(576)
 <223> n = A,T,C or G

<400> 4066						
gnntnanntt	cantatanat	acaagctact	tgttcttttt	gcaggatccc	atcgattcga	60
attcggcacg	aggctggtgt	tagggttctt	tgtttttggg	gtttggcaga	gatgtgttta	120
agtgcgtgtg	ccagaagcgg	ggggaggggg	tttgggtggaa	at tttttgtt	atgatgtctg	180
tgtggaagc	ggctgtgcag	acnttcaatt	gttattaaaa	aaaaaaaaan	aaaaaaaaaa	240
aaaaaaaaaa	aaaanaaaaa	aaaaaaaaaa	aaacntcggc	ntttaaanmt	ttaggnngtc	300
gtnttacnta	antccngacn	tnatannatc	cnttgtnaat	tttggncaan	ccncacctna	360
atgcatggaa	aaaantgctt	tatttgnaaa	at ttgngatn	ctatncttta	ttngnancct	420
ttntaanctg	caataancaa	gttancaaca	ncaattgcat	tcatttnatg	ttccagggttc	480
aggggnaggt	ntgggnaggt	ttttaattcg	cggccgcggc	nccaatgcnt	tggnccccgn	540
ncccantttt	gttcccttta	ntgagggtta	attgcc			576

<210> 4067
 <211> 771
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(771)
 <223> n = A,T,C or G

<400> 4067						
nnngnnnnnt	tttanancag	ctctngttct	ttttgcagga	tcccatcgat	tcgaattcgg	60
cacgagactg	aatgggctgt	atctggggaa	tcaaggattt	agggttgagc	aaaagcaaga	120
ggaagtagag	catttgatct	cttttccttt	gattaggttg	aggacaataa	agtctcattc	180
tctcccttnt	tcccatgggc	agccttatat	atgattgaag	aacattantg	cananattcc	240
tcatccnnaa	ataaactctn	gtacttntat	actaat taaa	gattcatgtn	aattactaan	300
ttcttg gaaa	actatggaga	actctgtggg	ggctgt natt	cacactttan	tatgaattgg	360
nttaatgacn	actgtnat	tggctacata	aagaaatgga	cg tttttatt	tgggggttagg	420
ggatcacaga	tgtggactgg	cttaggtaga	atggtccttg	agcnaaggag	atattgaagn	480
ttatgaggat	gtgcaagata	agcagattta	cttttgcat	ttattttggg	ctatctcagc	540
ttcttttact	agaagctcat	gcctataatc	ccagcacctt	gngaggccaa	ggcaggagga	600
ttgctttgaa	gccaggggtt	cgagatcann	ctgggcacaa	anccagaccc	tgactntcca	660
aggangattc	aaagatttct	gatggngaaa	acctcggcct	ntaaactatt	ggggtcgttt	720
acggngatcc	nganatgata	anancatttt	ngagtttggc	caaaccctac	n	771

<210> 4068
 <211> 787
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(787)
 <223> n = A,T,C or G

<400> 4068
 ggnnnnnnngn nnnnnnncngn ancancactc gnnagnaaag cccttcccan cgactcgaat 60
 tcggcacgag ccaccctggg gctcctccct ctccctggta ccctgactac caggaagtnt 120
 tgtgctagag cagctggaga agtgcaggca gcctgtgctt ccacagatgg ggggtgctgct 180
 gcaacaaggc tttcaatgtg cccatcttag gtgggagaag ctagatcctg tgcagcagcc 240
 tggtaagtcc tgaggagggt ccattgctct tctgtgctgct gtcctttgct tctcaacggt 300
 ggctcgctct acagtctaga gcacatgcag ctaacttggt cctctgctta tgcagtaggg 360
 ttaaattaac aaccataacc ttcatttgaa gttcaaagggt gtattcagga tcctcaaagc 420
 attttaacct tgccgcttaa aacccaattt accgtgaaat gggaattttg ctgcattggt 480
 aaactgtagt ggaaaccatg ctatagtaat aaagggtata taagagagaa attgaaatta 540
 aatgtgtttt taaatttcaa aaaaaaatca atcttttagga tgactnaaaa attgatttgc 600
 catgtaaaat gtatctgcat tttttacaca aaacttgntt taaagcataa aaatttaaaa 660
 ctgnnctctt ggatgtatta tacattttga accatatgta ttaaacata aacagtntaa 720
 tgggtgtata ataaaacagg cattaatttn ttaataaaaa aaaaaaaaaa actcggcctt 780
 taaactt 787

<210> 4069
 <211> 799
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(799)
 <223> n = A,T,C or G

<400> 4069
 ngnnntnta tancagctct ngttntttat gcaggatccc atcgattcga attcggcacg 60
 aggtccatta caccgccagc agcaatgtct tcctcggcca tggcagtggg tcacgggtgc 120
 agcagtgcaa tgtcttcctc agccacgggt gtgggtcatg ggtgcagcag tgcaagacct 180
 tcctcagcca tggcagtggg tcacagggtg agcagtacaa tgcccttcctt ggctatggcg 240
 gtgggtcacg gacgcagctg aatcttgaac acacctgagc ctctgcctcc acgtgacttg 300
 gcggtagcaa ggaatgaaca cagttatctt tttaaccaa atttttagatc atgatctcgc 360
 tgtactcgtt gacagtattc aggtacttgt tgaagaatta atctctgctc ttctctgaag 420
 tctgatttaa tcaccccaact cagctgccag tgaaattggg ggatcatccat cgcactctcg 480
 atgtggctgg ctgtggctct tctgaaaagt ttctttcttc tgcccttgtt ccatatttag 540
 ggggaaatca gcaagattct agagtatgta tgtgggctgg gtgcaagtgg ctcatgccta 600
 taatnccagc actctgggag gcttaagcgg gtggatcacc cnangcngg aatttggaga 660
 acagtgtggg gcaacatant gagaccttgt ctnttccaaa ttaaataant taattnnnncn 720
 gggaaannnn nnnnngnnnn ntnnnnnnnn nnnnnnnnnn ntnnnnnnnn nnannnnnnn 780
 nnnnnntna nntanaact 799

<210> 4070
 <211> 785
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(785)
 <223> n = A,T,C or G

<400> 4070
 ggnnnnttaa tcagctcttg tttttntgca ggatcccatc gattcgaatt cggcacgagg 60
 atatgcttta gaattaagggt gagtgggtatt atctctagtt tgagacaaag agaagcgaag 120
 taacaaaagg ccacataagt gataaatagt ggacctggag tttaaacctg ggatccccac 180

ctaaatcaga	aatacaaaat	caaccacttt	tttgaatgatc	cagggctctat	gtatatttat	240
tacatgtatg	tatatatgta	tatatatatg	catgtgtata	tatgtacata	catacatata	300
gatgtgcttg	tactagtgtt	tttcccacca	gatagttagc	ctttcttctc	cccttgctca	360
cttttttttt	tttttttttg	agatgaagtc	tcactcttgt	cccccaggct	agagtgggaat	420
ggcacgatct	cggctcactg	taacctccgc	ctcctgggtt	caagtgattc	tcctgcctca	480
gcctcccag	tagctgggat	tacaggtacc	tgccaccacg	cctggctaata	ttttgtattt	540
tcaatagaga	cagggtttca	ccatgttggc	caggatggtc	ttgaactcct	gcctcagggg	600
gatccacccg	cctcggntct	ccaaagtgtc	gggattacag	gcattgancca	ctgnacccac	660
ccaaggggna	aaacttttat	ttagaaaaaa	cttaactttc	actcgttaga	aaaacngttt	720
ttgaataatc	taatttttaa	aaatgcatta	actatgtctt	atnttggctn	acacatttta	780
attgn						785

<210> 4071
 <211> 792
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(792)
 <223> n = A,T,C or G

<400> 4071						
ttnaaccagc	tcttgtcttt	gcgatccct	cgattcgaat	tcggcacgag	gaggaagtga	60
gattgtgcat	gacatacttc	tcctttgtat	tctctcagtg	ccttacagca	ggttactcca	120
ttctgctatg	acaacttggt	tcaaatgtta	atttacatag	gattttttat	aagccattaa	180
ggcatatgta	tagtatatca	gtaaagatgg	atgggtgcata	tataaatagt	cttctgtaat	240
agtgattgga	tttacttctc	aattatgaga	gacaaaaatt	atccctcac	ctgtctctat	300
tctttcaaca	ggttgatccc	ttttcatgat	ttttcattag	gtgggttcagg	aagtttccat	360
attacagcgc	ttcagactgt	atatgttagt	ttaaaaatca	cttttctctc	tctcaacttc	420
tttctttttt	ttttgaagac	ttaatttaaa	aaatttgggt	tgtagatcc	gtatcataga	480
tttggcctag	cctcttctgt	taacctagtc	cacagatgag	cgaatctggt	tagttgaagg	540
acattgtgat	ttgactctgg	tcacgcgagg	aagtagaagg	gcaaagacag	gaccggcagt	600
ttacatttcc	agtggttaaa	cctcacggga	ctttgggacc	tgcttggtaa	ctttttgggg	660
gtggtctgga	ggccaatcta	acctggacca	ttttctggnc	ccctcaacaa	gagagagggg	720
aagcaacctt	gggccaatga	ggagtaaaaa	taaccttggg	ctttcagaga	tttgaagaat	780
agaagaactt	ct					792

<210> 4072
 <211> 802
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(802)
 <223> n = A,T,C or G

<400> 4072						
tggnatctat	gctggctctc	gttcttttgc	aggatccctc	gattcgaatt	cggcacgagc	60
acacttggag	ctcatacaaa	ctttttccca	ggctattgtc	tgttcttcaa	gcccattcac	120
ctcccataaa	aatcatgtat	tcttctctca	aaattgncta	ttatcttcca	cttcccttct	180
ccccatgaaa	agtgttgagg	cttattctga	gccaatatga	gtgaccatgg	cctgagaacc	240
caatatgagt	gaccatggcc	tgagaacat	ctcaagagct	ccttcaacag	ttgtgactga	300
gcttgtcang	ttgcagtttg	gttttatata	ttctaggagg	acaggaatta	taggtaaaat	360
cataaatcta	tatntagaan	gtntacattg	gttcagccta	aaggggtggg	atatcttgaa	420
ggcanggtgg	aggggatgct	tacagatcat	angnnaattc	aaagattttc	tgattggcag	480
ttgngtgaaa	gagtttaagt	ttgtctaaan	acttgaagtc	antagaaaca	aaaatgcttg	540
agtaaagata	aggggggtng	cgagggccaa	ngtttttggg	atgttnnatga	agcttcatag	600
atcacagnct	tnngagagna	tagaagataa	atgtctcttt	tcagacttta	aaaggttcag	660
actctcaggt	taatctcttc	tagatccang	aaaagcctcc	aaaagaaaag	gcctgactcc	720

cattaatggg ggattcttnt tacaanaatg caaaatttnc cccacaaaa nnatggcttt 780
tnccagaacc ccatttcaaa at 802

<210> 4073
<211> 887
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(887)
<223> n = A,T,C or G

<400> 4073
ntntatnnag ctcttntctt tttgcaggat cccatcgatt cgaattcggc acgagactgg 60
ttaaatagcc cttgatgact tttcatgtgg catgagaggg atatgcttat aaagcttaat 120
tctgatatta tcctcttact acctacagta tgttttgcaa aaatcagtcc acttagcaaa 180
ctaattctttg taaagcagtc agtttcagaa gatacttttt atcaaaaaag atggcagggtt 240
taacattata ctttttggtt tttgccaac atttgattta atctaaagca agaataataa 300
ataattttta gaagcatata atttcttttg ataaaaagta acaaaaattt aatgcagatc 360
aaagaccaag gcttgaacc aaaacaagca aaaagaaact ttagctgttt aactatcacc 420
tctctaattt aaaaatgcatg aaaattaata ctttggtttt gttttttttt ggaaacagtc 480
tcactctgtc acccaggctg gaggtcgag tgagctgaga tcctgccact gactccaacc 540
tgggggtaac agagcgagac tctgtcttca aaaaaaaaaa aaaggtgtna tttggaaatg 600
gaaaatctan ggtaaaggga agctttnaaa aatgttggtt ttttttttcc ctggnaaata 660
aaaccttttt attggaattt aaatggncct ttgggnaaaa aaggaacntc caccattgga 720
aaaaagggng ggcctttttt tatttntttt tggggtaggg ggaatnaaaa aacccccctt 780
tgggccccnt tttnaaatan cccnttngn cccaaaattt ggaaaagccc aatttttttt 840
ttaaaatgga anggggttta ccctgggnaa atttggtgtt taaaann 887

<210> 4074
<211> 851
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(851)
<223> n = A,T,C or G

<400> 4074
ggnnnnnnncg nnnatttaga ccagctcttg ttnttttgca ggatcccatc gattcgaatt 60
cggcacgagg agtatttgct ggtgcattgg agagtttcac gtaattcttg tgcagattca 120
gcaagagagt ttgccgcat gctttgcaca gcccttgta cccagtaagg cgattattag 180
cattggtgct tgctggaatc agatattcca gaatattctg tcacagctca tcgntgccct 240
cttcttttct gtgggtaaac tgaggcagaa actcaggctg ggtggaactc tgcagcctca 300
gctggagacc tcgtctggcc aaggactgtg gggacacagg cccnttaggc tgccacctca 360
tggtcccagc atgagggcac cagaactgca cagaaagtct cactacccaa gtgtctgagc 420
caggccagac tgtgtagacc agacctgccc ggggttcatt cactgacctt tattgagcac 480
ctactgtatg cccagcccca aacctggctc tgctcatgga aaagaacttc agtggaaca 540
ggtcctggga tgaacaangg cctggcctgg cctggatgag ccactatttc tttaaagagg 600
gagagtggac aattcccga tttattgtca ggggggaggt cttcattttc ttgctggttn 660
taaccanaaa taccacaag acttgggttc ntttttagaa aaccatttag aaaactngan 720
ttttcgtagc ttgtttctag aagggttggg gaaagtcccc nngaatacaag ggtggccnag 780
ccagggnntn ggggtgtcct gngaggggcc cactanattt gggnttccaa agaanggggc 840
cccctccttt t 851

<210> 4075
<211> 836
<212> DNA
<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(836)
 <223> n = A,T,C or G

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<400> 4075
tatncnagct ctcggttcttt tgcaggatcc catcgattcg tcttgactga ggttcccatc      60
tttcttantt ctcttaagga tgtgctattc tattctagat gcataggagg gaagntaatc      120
cagncttaga tcancaagggc tnggttcttt ctcaagaacca taccnnaaaa agcctnanta      180
gaattttagg aaagttctat ttagaaagaa actaagaatt atgattaagt tttggcctaa      240
gcaacttaat angcagnggt atcatttatt gngaagcaaa tnacataaga agcangttnt      300
ggggcttggg aggaggttaag ggcngaaagt tngntattnt tttttaaacn tgtntaatnt      360
gagacacctg ctagatatcc tantnaaatg tcatagacac ntnaatggtn cacaactttg      420
aaactcagag agaggtcann gctggatata aacagntggg agtcaancnt attttatatt      480
atttaaactc anaagactgg atacggcaag ttnggaggga gtttcaatgg anaancaaaa      540
tttttgactc tgnggcactt aaacatttaa agntctgata aataggagag ggcccancaa      600
agggaaattt gaaagaacca atcatttacg gtanggagga aaaaacttag aagggggata      660
aatactctca aaaaatcaaa aaaattaatt ggcntttttc aaagaaaaat nnaggnggnt      720
tancccccctg tggtttaaag gngnggttaa agtattcacc ttggaanaaa nanggttcaa      780
angggcaaaag aaggcccaan ngggggccct ttttttaaag naaacttttt tccccn      836
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<210> 4076
 <211> 852
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(852)
 <223> n = A,T,C or G

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<400> 4076
nnntnttttn antacacgct ctngttcttt ttgcaggatc ccatcgattc gaattcggca      60
cgagcnaagc tgtttttatan attanggaga ngagtgagga gagaggaata ggatagacna      120
aggtnagat agggancact ggagaagaan acctcanagt gaggcacagg aagaggtgtg      180
aangggaaaa gaagtggcan atgtnacgga agagcccctg nccatgagag anantggngg      240
gantggnaag gaaggggaagt tatggggcat gggncacata gcacacaaca cnacagtaag      300
gctagagata tnaaanaaac aatgattctg agctncataa gtagcnatct cncgcttaat      360
agacataggg ngtanctgtg acatggcgtn anctacagna ctggacatna tcaccctttt      420
ntaggggaag agggatgcct gcagnggcct aactccanca ngttatcatg tgctatggaa      480
gtnctgnnca caatggnggc cnccantcat gtgtccaaacn ttaaataagn ctgtcgtngc      540
tnaggaccta nnntgnaatc ttaatttcat tttaaaatnt aaatnttccg naatggangc      600
tcaaggctng cttcttttttn ggaaagtgtc ngaactgaat tgaaaccggn tttnaaaaaa      660
aggattagta ncccctggtg tttccccttg tncgggggca ttaaagtntt tttaancctt      720
gggaccntc cccggtnggg ncccnttnna aaacncccaa aatcccattg gccccattg      780
nattttttta aaacaatttt tnaangntag naantntttt gaaaaaaaat tgggaatttg      840
gggggncccn nt      852
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<210> 4077
 <211> 897
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(897)
 <223> n = A,T,C or G

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<400> 4077
cgnnnnnnnnn tnnnanggct ttgccactaa ctgaaaccct ttgnacccan cganncgaat      60
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tcggcacgag	gttgaaggta	tgtgtcantt	ttaaccaggt	gttgagttat	ttgatntttc	120
ctncanagat	tatttaatat	tttcaataat	atctaataat	gtgtgggaaa	ccgtaaaatt	180
tttcatacaa	actgggacaa	atgaacatgc	atactattaa	aanactncct	acaatacggc	240
ataaaaanggg	ctttcttagg	ngaaccagga	ggtatagnca	gcctaatacat	nngctatgan	300
tattagtnat	ggmaggtgt	gttttatcac	tcatatatgg	aaatcttttt	tgaatgacta	360
ctctggaaat	gacgactgaa	tctcactatg	tgtacacacn	tnatcanagg	acacttaatt	420
gnattnanna	anatantttt	gaacttacct	tgngttagag	ggncagagag	gttcatnatc	480
canaaaaatt	atnatgtggg	gctttnttcc	tttgggaaan	tgaccgntca	cacnncaggg	540
catgtgtttc	ttctnatacc	ttcaccccan	ggggcncctt	ctctttnana	aaaannnggn	600
gncatgaaan	ntntatnatt	cttnccctn	cccnagtncn	ttgntnttgc	ttaaggnttc	660
nnccnnantg	ncaaggttna	naaanngaaa	aaaagaatnn	tgggnaaagg	caattntcac	720
aaacttntaa	aaagccggnn	atcntttgnt	ntngggtaaa	nctccccnnn	cctantttta	780
anatntnnnn	cnmctccggg	gggggatatt	nnnnngggcn	ntntaanncn	nnnnnanann	840
nnaagngatn	ggnggngccc	aanmccaacg	anntntttnt	aaaanagngt	aaaagcn	897

<210> 4078

<211> 786

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(786)

<223> n = A,T,C or G

<400> 4078

ngnnnnnttg	gatanacagct	acnggtnaat	ttacttctctg	caacgncccg	aatnccggcac	60
gaggttaggt	tggacacaga	aggggcaatc	aaatttctgt	attcagatac	cttttaaagg	120
tacactgtgc	caccttgctg	cctttgattg	caaatacaaa	gttaattttc	aaaaaggaaa	180
aacaaaacag	ctctttttcc	taaaacacat	gttgactctc	agacctaaaa	ttctaagtct	240
tatttgtttc	tcacccatga	gttagattta	ggtaataagta	ttagtagagt	ccttagagaa	300
tcttaagagg	tcatttactc	cacctctttc	attttaaatt	ggggtatcca	aagcctgaag	360
aggtggcctg	gccaatattg	accaaggtat	aactaaatat	gagctagcat	cttcttcctt	420
cttctcgcta	tcccttggtc	ttaaaagatt	tagtacatga	agaataatgc	attagcaaaa	480
agctcctagt	ttgtgtttcc	cctttgtgtc	tccctgttgg	ctttctgaga	caacctgaat	540
tttgccaaca	aaatatcgca	gagggattta	tattaattat	tttttagtta	gatgaatatt	600
atattcttcc	catccaaagt	gagtgatttg	ctagggtttg	ttagggaggg	aaaaagcaag	660
aataatgtga	gaagaatcta	aatgcgaagt	tgattttgtg	tggnaaactg	gttattagtt	720
ccatcaggaa	tttctgnttt	tattttttga	gctattgaga	agtgcacgca	gatttgaaaa	780
attagg						786

<210> 4079

<211> 800

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(800)

<223> n = A,T,C or G

<400> 4079

ggnnnnntnn	nnnnntnta	tnnnagctac	ttgttctttt	tgcagggatc	ccatcgattc	60
gaattcggca	cgagggcagc	agcagcagca	gcagcagtg	tggaaacgag	aggtggagaa	120
ttgagagcac	gatgcataca	caggtgtttc	tgagtagtaa	ttagatcgct	gtgaaggaaa	180
aagcacacct	ttgagttttc	acctgtgaac	actatagcgc	tgagagagac	agtctgaaag	240
cagagggaaga	catcgatcag	taacaccaag	agacacccaa	gttgaaagtt	ttgttttctt	300
tccctctgtt	ttatttttcc	cccgtgtgtc	cctactatgg	tcagaaagcc	tggtgtgtcc	360
accatctcca	aaggaggtta	cctgcaggga	aatgttaacg	ggaggctgcc	ttccctgggc	420
aacaaggagc	cacctgggca	ggagaaagtg	cagctgaaga	ggaaagtcac	tttactgagg	480
ggagtctcca	ttatcattgg	caccatcatt	ggagcaggaa	tcttcatctc	tcctaagggc	540

gtgctccaaa	acacgggcag	cgtgggcatg	tcttttgacc	atctggacgg	tgtgtggggg	600
cctgtcacta	tttggagctt	tgtcttatgc	tgaattggga	acaactataa	agaaatctgg	660
aggtcattac	acatatat	ttgggaagtct	tttgggtccat	taccagcttt	ttgtaccaat	720
ctngggtggn	actnctcata	atacgccctg	cagctactgn	tgngatatnc	ctggcatttg	780
gaaccctacc	atTTTTTggaa					800

<210> 4080
 <211> 784
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(784)
 <223> n = A,T,C or G

<400> 4080						
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gagcttgctt	gaaatacaga	atgtccagat	ctactgagtc	agaatttaca	ttttcaaaag	120
cttctacgt	gactcatgca	tattaaagt	tggaagcac	tgacttagat	taccttttga	180
gaattccaga	tggttcagaa	accagacaga	aatactcagt	agtgagaagc	tatgggtgat	240
cagaagctgt	taggcatttc	atggtttgg	agtgagcaag	acagatagtt	ttcctgtatt	300
cagcgactta	gtctagagag	agacaggatg	gaattaagt	tttaggtgct	agccaaaagt	360
aaagattcgt	agaaaacaag	ggttcatatc	ccagtcatca	aagtgataaa	ttttccctgc	420
ttaacattta	gattaaaaag	taataattag	gccagggtgtg	gtggctcaca	cctgtaatcc	480
cagcactttt	ggaggctgag	gtggacagat	cacttgagct	caggaattcg	agaccagcct	540
gggcaacatg	gtgaaacccc	atctntacaa	aaaataccaa	agtcnggcac	ggttggttgt	600
gtgtgcctgt	ggttcagct	acaccggang	cagangcagg	agaatcactt	gagcctggga	660
ngcaaangtt	gcaatgagcc	aanattgggt	ctttggactc	tagccctggg	cgacangggag	720
tgaacagtc	ttcaaaaaaa	aaagcctnta	aaactatagt	gagtcgttta	cgtngatcca	780
gacn						784

<210> 4081
 <211> 790
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(790)
 <223> n = A,T,C or G

<400> 4081						
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gagcttggtg	gtatgtttta	atagtatac	cttataattc	tgctcttagc	caaagtctat	120
gtttgcaaaa	tgtggcatct	gttagttttt	attgtctgtg	tcttctttgt	ttactatacc	180
ttgggttaatt	ttgtgttacc	aaaaaaaaaa	aaaaggaagt	gtaatgtcag	acacacaaga	240
aaagcaaate	agtgttgtaa	gcttaaagta	caatttcaaa	ggtcattacc	aacagcaggg	300
ttttttttat	actttaaaaa	cattatgcta	catatcattg	ccattttcat	attttggggg	360
tttgctactc	ttatacaatg	gaatcaatgg	aaatgtcatc	cagccactga	attgccatta	420
ttatatctaa	aaagtttcta	agatgacagt	tatcactatt	ttgtttttatc	tccatgctga	480
catttgaaag	aaggtctagt	atccctctag	ccagattgct	tagtttttcg	ttggtaatca	540
aacaacagtt	gtactaaagg	aaagtaaagc	taggacctaa	atcagaatca	tagttgcctg	600
catatatggt	aacaaggncg	tgtgcatttg	ctttcacagt	gatgagtgag	aggatgagaa	660
naaattat	gacatttttc	ttgtgggtga	atagaanaca	cctttctttt	gtctttaggg	720
ttangnggga	gatactaaaa	aaacctggga	tgtttatcct	atcttaaatt	ngggtgggag	780
taataaaaaa						790

<210> 4082
 <211> 788
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(788)

<223> n = A,T,C or G

<400> 4082

ntatnctggc	tactngttct	ttntgcagga	tcccatcgat	tcgaattcgg	cacgagggttg	60
gttgtcaact	ttgcattata	ccaccacttt	gtaatatctc	tgcttgaag	aggaaaaacc	120
aggaaacattt	cctagaatcc	ccttcccgtt	atgatcccaa	gttaggatat	gccagtgaga	180
ggtgctgttt	tagtcccttt	tgctgtctgt	gacaaaatga	cacagactgg	gtagcttata	240
aacaacagaa	atttatttcc	cacacttctg	gaggctggaa	agtccaagat	caggggtattg	300
gtagattctg	tgtctggtga	gggctcattt	tctgattcat	cgatggcacc	ttctcagggg	360
tcctcacatg	cgaattgat	aacgcagatc	tctgggatct	cttttataag	ggcactaatc	420
ccattcatga	gggttctgcc	ttcataatct	aaccacctat	caaaggcccc	atttctagta	480
ccgttacctt	aggggttagg	atttcaacat	gacctctggg	gagatacatt	cagcccatag	540
cagggtactca	caatagaata	agaaggcaaa	gcaagggaagc	ttttattctc	aggatgtggg	600
aaagcatcac	ccacttctcc	agtaagtgtg	ggncgttttc	aatttctcaa	tttcttcacc	660
agcttccact	tttgagttg	tgtcagccaa	tcaacgacag	ctttccaaaa	nttccgtgca	720
agtgcctgct	tttganggca	aaggngnca	taaaatngga	agcttcttca	ggctccttcc	780
acaatctn						788

<210> 4083

<211> 889

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(889)

<223> n = A,T,C or G

<400> 4083

ggnnnnnnan	ngnnntttta	atncttgcta	ctcgttctnt	ntgcaggatc	ccatcgattc	60
gaattcggca	cgaggaggaa	gcatatacca	cagaacattg	gctgggtcagg	atatacaagg	120
taaaggacct	ggataatcga	ggcttgtcaa	ggacataaat	gtnacgtcca	gctctnatat	180
gcttcgcact	gagcacatca	catttaggac	gttgaagatt	tttttttttt	ttttaatatg	240
cannttgtaa	gaacaaaact	ggatggcatc	anaattgnct	ggaagttttg	tcttgggcca	300
aatgaaatga	tttttataat	tctaaacagg	ttaccaaagt	aaatgtcatg	gctttacttt	360
ggtcaattaa	aggggggaat	ttttttttaa	aaantgaaat	gctnacactt	atntctgnaa	420
antatatnga	aaatgnatac	cntggngcct	attgangntt	ttggnggggc	antttcnntt	480
taccnncn	ccaantnga	aactttnttn	nttttggnc	atcccacccc	ttttgcnng	540
gcnnnttaant	nacaaanttg	ctttttttcc	cntnaangtn	tgggaaaaaa	nactttntcc	600
ttnttntctt	aaccctttt	cncccngng	gtttcttgnt	taaaaanntt	cctntnttaa	660
aaatagncaa	ctctttntt	ttnttttnaa	ngggntacca	naaaaaaaa	aatagggggg	720
ggtttntaaa	anatgggatt	ggccccnncn	acngggaacc	caattgggnt	cccttnnaat	780
aaaacctttt	ttttnccaan	atnaangggg	gcctttttcg	cntcnantnn	ngcggcttan	840
aaaaggggcn	ntancccggt	gtttcttttn	gggnaaatcg	canccttc		889

<210> 4084

<211> 828

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(828)

<223> n = A,T,C or G

<400> 4084

ntgnnttttt	attcagctac	ttgttctttt	tgcaggatcc	catcgattcg	aattcggcac	60
gagagggggc	gggcccgtag	gccgattcca	tatgggcgcc	ggcgcggagc	gccgcggggc	120
agcgcggggt	cgccatggct	gagctgcanc	agctccgggt	gcaggaggcg	gtggagtcca	180
tgggtgaagag	tctggaaaga	gagaacatcc	ggaagatgca	gggtctcatg	ttccggtgca	240
gcgccagctg	ttgtgaggac	agccaggcct	ccatgaagca	gggtgcaccag	tgcacgcagc	300
gctgccatgt	gcctctggct	caagcccagg	ctttggtcac	cagtgcagctg	gagaagtcc	360
aggaccgcct	ggcccgggtg	accatgcatt	gcaacgacaa	agccaaagat	tcaatagatg	420
ctgggagtaa	ggagcttcag	gtgaagcaca	gctggacagt	tgtgtgacca	agtgtgtgga	480
tgaccacatg	cacctcatcc	caactatgac	caanaagatg	aaggaggctc	tcttatcaat	540
tggaataata	aagtttttgc	cagtggccat	caagggcttg	agggcaagaa	tatatatttt	600
attagggaaa	aaaaaaaaaa	agcctnttng	aacttttagt	gagttcgtat	tacgtanaat	660
nccagacatt	gataaggata	catttgattg	aggtttggga	ccaaaccaca	accttggaat	720
tgccagnngg	aaaaaaaaatg	cttttttttt	gtgnaaaatt	tgnggaatgg	ctatttggtg	780
tttanttggt	aaaccaatta	ttaagcttgc	aaataaaaaca	aggttnan		828

<210> 4085

<211> 789

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(789)

<223> n = A,T,C or G

<400> 4085

nnnnntttta	nancagctct	tgtctttttg	caggatccca	tcgattcgaa	ttcggcacga	60
ggttactttc	tttctcacac	aaaggaaaaa	agagactatc	tttagggaaa	caactgcttta	120
aatcatcttc	cttgaatatt	aattctctgt	tgtctctctc	aaaaatggag	aaaataatcc	180
ctaccctcat	aggcttatta	taaggctcaa	ttatgataat	gggtgtgaaa	ctttgaaaat	240
tagacttcag	agaaattgag	ttaatctggg	attattttatc	aatgtcttag	taacccaaaag	300
tttaaaatgt	gttttgtcta	ccaactgggt	gcatgtacat	ggttaatcca	aaaggctcag	360
cttttcagca	aatggaaaaa	gattaacttc	tttatggatc	acattatgag	atgaaacaca	420
tttcattcta	gctgctgaaa	aaatagcaac	atgtttttga	aaccattgtg	attttgtatt	480
gcagtcaact	aaacatcaaa	tatatcattt	ttatgttaaa	gtgccctaata	ttgtgttgtt	540
acataaaact	tggagtacct	tggccaaata	gaagaaatta	atgtgccgcg	tgtctgtttt	600
aaaagaatga	aatctgagcc	cagtgtgang	ctcatgcctg	taatcccacc	cctttggggag	660
gcttgaggca	nggaaaaatg	cttgagtnca	ngagttggag	accancccg	ccacatangg	720
agaccttttc	tnttccaaaa	aattaaaaaa	tggnccgnca	tggggggccc	atgccgtgta	780
ggncccnct						789

<210> 4086

<211> 775

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(775)

<223> n = A,T,C or G

<400> 4086

gnnnntttcn	aatactgntc	ttgttctttt	gcaggaccca	tcgattcgaa	ttcggcacga	60
gaaacagtct	atacatgttc	agtacagatg	cagccatcca	ttttcttgct	caaataattt	120
ttatctccag	ttggttgaat	ccattgatgc	agaaaccacg	gatacggaga	gctgactctg	180
tgtgtgtgtg	tgtatactca	ccaattcttt	atttattcaa	caaataattta	ttgaatttct	240
actatgtgtg	aagcatagtt	cacgacccctg	gggatatagt	agacaagctc	cttgccttat	300
tgagctcaca	ttcttatggg	gaagggcagg	ttcagggcct	tctcagatct	ttgctgggca	360
tgacacacag	cctgtgcata	tgtctgtttg	tggattccca	caatgagctg	aagcttttca	420
aagctcctag	ggacgtacca	ttctctggct	tttccttttg	agcttttaggt	tagccttttg	480
tttgccctaa	tatcaccac	tactcaggca	ggaatgaagt	caaacaattg	tcttgaaata	540

ttttcaataa	atgcctctgg	agaaaagggt	ttttatTTTT	ttagccctgg	ataagatcct	600
ggttagggtg	aataaangca	gccttgcaag	tgggggcttt	ccnggaagca	ccagacagac	660
aaataactac	agtcctagag	aatgaacttt	gaagggctct	nacccattc	tgccttatta	720
aggngtgcca	ngntcctggg	ggctcancaag	atgggggact	ggttggcttt	caagn	775

<210> 4087
 <211> 770
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(770)
 <223> n = A,T,C or G

<400> 4087						60
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gggccagcgg	atcgctgcga	gtggccttga	aggcagctgc	tcgaggtgaa	gagtaggcgg	180
cggggcagag	agcggcctcc	gagggtcacc	tgaatggttg	agcatggacc	ctgttgctac	240
ccacagctgc	catctgctcc	agcaactgca	tgagcagcga	atccaaggcc	tgctttgtga	300
ctgtatgttg	gtggtaaaag	gagtcctgct	taaagcgcat	aagaatgtcc	tggcagcatt	360
cagccagtat	tttagtggtg	tatttttagac	ttcattctcc	tagctgtgaa	ttaagggtaa	420
agctctttta	gtatggaagt	attcatatct	tgttctcctt	ggatttcact	atctttatct	480
tttatagcac	attggatttt	gtaggagttg	ttttaatttt	taagtttggt	aaccattttt	540
attatttttg	cttttgngtt	tagagtaacc	tgaaaagaaa	agaggctctt	aagtaaaatg	600
aatttgggat	gactgaaagt	attttgggtg	nttggctttc	attttactaa	ttctggctaa	660
tgctcannctt	ctacatatat	ttcttatcct	ttcaagaaaa	aatgatgggg	gaattaaatt	720
nccngtcana	aattttnttg	tgataanaaa	tcaggggaaa	aacatatttg	ggggtggant	770
tctttntttt	tttcttaant	aaannnttta	nttttggntn	tnattnnaaa		

<210> 4088
 <211> 774
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(774)
 <223> n = A,T,C or G

<400> 4088						60
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atagtataaa	tatcatactt	ggttggttagg	cttggtgctt	ccccacatca	gaggcatcta	240
atgattttatc	ttttgttaatt	gctgtgaact	tttttaaata	agccatttag	tgtgaaattg	300
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ggacggagtc	attcctacaa	ggctctcttc	agagaaatag	attaaaagtc	caatttccag	420
gtattatttag	tatagttatg	ccgctgggcc	acatcctcaa	caacagctga	tccctcttgt	480
ataaatatgt	taactgtgca	gaacagttat	gttatgggac	aaatataatg	gtcattatgg	540
tcagattggt	tgatgccaca	ccagtcaagg	tagagtctga	tagggcagta	tcttaataac	600
cctcccatga	cttaactgtt	ggatttgaaa	ggaaaacgta	ggatttgctc	ttgnccccct	660
ccccacaaaa	attttgataa	tttgtttaaa	aagggagang	cngaggaaaa	gactngaacc	720
ttaaatngct	gctttanggt	ttgccagang	cccatactta	acattagttc	ttaaaattcg	774
anggtatttt	actaatgnaa	ttaatcaaca	gagccccnag	gantttttta	tggn	

<210> 4089
 <211> 844
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(844)
 <223> n = A,T,C or G

```
<400> 4089
nnnnnnnnnn nttntatana tacagctact tgttcttttt gcaggatccc atcgattcgc      60
ttgttttaaa gataattgct agatttatgt tttagctttc cataaaatgt aataacataa      120
aataaaatat aaataaaata tgaaataaaa taaaagccat ggggaaaagg tagggtttga      180
ttgctaataa gaaatttctt ggaaaagaga cttagctctct tttggttttc caaagtccac      240
attttataac attttttagtg cttgggtgtt gcttgtggta ttacattaga taaaaatgta      300
tcacagtgtt ggtttatact ggatgtttta ataggattca ttgaaagggg tgtgttttct      360
ttctgaggaa tacttactca gcattttctt cagaaagtta cttgctgcta atcctttatg      420
gaggctctag gggaacatca ttttcttgcc ttttcagct tctacaggct gtccacatcc      480
tcagctagtg gccctttttc atcctttttt tttttcttga attatgagat tttttgtact      540
ttgagttctg ggatacatgt gcagaacgtg caggtttgct acataggtat acaagtgccca      600
tggtggtttg ctgtacccat caacctgtca tctacattag gtatttctcc taatgctatc      660
ccacccttag ccccttacct cctnacagtc cccggtgtga tgttcccctc ctgtgtccat      720
gtgtgtcat tggtcaactn ccacttatga ntgagaacat gcanngttg ggntttctgg      780
tcctgngtga agttgctgan aatgatggnt tccagcttta ttcatgtcct gcaaaggaca      840
tgaa
```

<210> 4090
 <211> 776
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(776)
 <223> n = A,T,C or G

```
<400> 4090
gnccttttga aatcccttnt aacncaaacg cttggcaaac nccctttctn cangcancce      60
ntgcgntncg aattcggcac gaggccaaat gccggaattt aaaacctggc ttntaaaaag      120
aatgattttg aacaaggcga attatatttg agagaaaagt ttgaaaattc aattgaatcc      180
ctaagattat ttaaaaatga tcctttgttc ttcaaacctg gtagtcagtt tttgtattca      240
acttttggct ataccctact ggcagccata gtagagagag cttcaggatg taaatatttg      300
gactatatgc agaaaatatt ccatgacttg gatatgctga cgactgtgca ggaagaaaac      360
gagccagtga tttacaatag agcaagattt tatgtttaca ataaaaagaa acgtcttgct      420
aacacacctt acgtggataa ctccataaaa tgggctggtg gtggatttct gtctacagtg      480
ggtgaccttc tgaaatttgg gaatgtaatg ctttatggtt accaagttgg gctgtttaag      540
aactcaaatg aaaatctttt acctggatac ctcaaaccag aaacaatggg tatgatgtgg      600
acccagctcc ctaacacaga gatgtcttgg gataaagagg gtaaatatgc caatggcgtg      660
gggtgttggt gaaaagaaca aacgtatggt tccgtgtaga aagcaacggc attatgcttc      720
acatactgga ngggcantgg gtgccagtga tgtcctctgg tcctcctgaa aantgg      776
```

<210> 4091
 <211> 762
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(762)
 <223> n = A,T,C or G

```
<400> 4091
ngtttttaaa atacagctac ttgttctttt tgcaggatcc catcgattcg aattcggcac      60
gaggaatgga gttccacctg ggctgtttta ttaactattt gccctccgt ttcttcatct      120
gtaaaacaga aatgataacc ttactattaa ttgtgtgacc ttggacaagt tacaacatct      180
ccctgggcgc gattgtccca tctgaagtc ataatagcac ctgccacaga ggatggtagt      240
```

aaggattaaa	ttagttaatc	catgtaaatt	acctaggtaa	gtgcctgcca	tatagcaagt	300
gcttgggtact	tttttttaaa	aatcactggt	atgactattg	cagacacctt	tgccatgatt	360
ggaatagctg	gaatccaaac	tcaagccttc	catttccagg	gttctggctg	gtgtggggct	420
gacagacctg	gatggggatt	cccagctctg	cctctcttca	gctgagcaag	tactggaac	480
ctctctgagc	tgcattctgt	tcagctgtaa	aataatagtt	tgtactttgc	aggggtgttg	540
taaggcaatg	gtctccagcc	tttttggcac	cagggaccag	ttttggggga	agaaaatttt	600
tncatggaca	ggngtgcna	aggggatgtt	ttnaagctcc	catgaggatt	taatgcggcc	660
ggccccgng	gcttaccct	gtaatcccaa	nacttttggg	agcccaagt	ngccggatcc	720
ccaggtcagg	gaaacgagac	cntcctggta	acatggggaa	ac		762

<210> 4092

<211> 762

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(762)

<223> n = A,T,C or G

<400> 4092

ngtcatttgn	tngatacagg	ctacttgttc	tttttgcagg	atcccatcga	ttcgaattcg	60
gcacgaggag	gagttaaatt	ttgaagctct	ttgagaaagg	taccttttct	taacatgttt	120
taaaaaataaa	aatacaatgg	cttattttaa	atgtccctat	gcatggtgaa	atgttaaata	180
ccaagtggat	gaatggttct	caaatatatt	gtaatggaga	attattcaca	tgcatctatt	240
gtttaaacta	ataagtaaaa	tagacttcct	ttttctgttc	tgttttaaat	gtgcactaaa	300
attacctgct	tgtggtttagc	atgggctgga	cagtttattg	atttttcaga	agaatgcttg	360
gctttggggtt	tttggcaata	gggagcctgc	agcaaattat	ttcatttgac	aaaaaagagt	420
tattttaatc	ctatttgaat	gtatgctatc	tcctttaccc	tcccatctt	atgataaaag	480
gtctctcttt	tttctcttcc	aggtttgcag	ctaaaactgt	gcacagtggg	tcattgatgc	540
tagtcacagt	ggaactgaag	gaaggctcta	cagcccactt	atcataaaca	ctgagaaaac	600
tgtgattggc	tctgttctgc	tgcggaact	gaacctgtcc	tgtctcangg	gtaacctgct	660
tacatctgga	ctttanaatc	tggcacacaa	caaaagtgcc	tggcatcact	actgntgcct	720
ttcatttata	ataatagccc	ttcctcttgc	agtgggggta	ga		762

<210> 4093

<211> 795

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(795)

<223> n = A,T,C or G

<400> 4093

ggnnnnnngt	ctttcaaant	ctaggctact	ngttctttnt	gcaggatccc	atcgattcgc	60
tcaagtncca	ncacaccggc	gccgtcctgg	actnggcctt	ctacgatcca	acgcatgcct	120
gnagtggagg	actagatcat	canttganaa	tgcttgatnt	gaacactgnt	cnagaaaant	180
tngtngggac	acatgatgcc	cnntnana	gtgnngnata	ctgtccaaan	ctgaatntna	240
tggtcnctgg	natntngnnt	cagnennata	aactgcngga	tcnnncanct	tctngnaant	300
cnnggaccnn	nctnngccn	gaatangtgc	ataccntctc	nangtcttgg	agaccgncng	360
gttgtgggna	cngcaagnct	gccnnngntt	actnccatnt	tangccaaca	tgggtatncc	420
antcttgttg	nggatanacc	atcctgcctt	accngacttg	atgngttcga	gnntnngcaa	480
actnnnnngg	cttggnatat	agctgnntag	aangccaagn	nnattctgan	aatntggacc	540
tgngccttng	ggccataaaa	aagcgnatgn	cnntttctnn	ggccaaacna	tgataacctg	600
attnccatcg	atttcaccct	tganaatggc	ttcanntnta	aactnaatac	ncaantnntt	660
atcntcaang	nggaccgna	acgcttngng	aantcttttg	ggggggnncan	tnttgcaaaa	720
cnngaaangt	gcccatthaa	anccaaactc	gcaattgngc	aanttnantt	caattgcctn	780
gaataattgg	agang					795

<210> 4094
 <211> 750
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(750)
 <223> n = A,T,C or G

```
<400> 4094
natggntttt nannatacag ctcttgttct ttttgcagga tcccatcgat tcgaattcgg      60
cacgagacag agcgagcact ccagttcaaa aaaataaata aaaattaaaa aataaaataa      120
aataaaaaat ttactaggca tccagcattc attaaggaga ataattcagt taaggaggaa      180
aagaattctg ggattctggg aatttcctta accaataaag agtatgtgtg agaaacctac      240
tgctaacatc atacttaatg gtaaaagtcc aaagatcagc aaaaagagga tacctgggtc      300
aaacacttcc actaagcatt atactggaag ttctagctag tgcaataaat gaaagaatac      360
aaagtatcca gattggaaag gaagtaaaat catctttatt aacagattat atgattgtct      420
atataaaaaa aatctgaagg tatctacaac actattagaa ctaaatagagc ttagtgagac      480
tgcaaaataa agatcaatat atataaagca gatgattttg catgactagc catgaacaat      540
ctgaacctta aaaccttaaa tgccatttat acaccatana caatatgaaa tncatagtga      600
tgcatctggc aaaagaagtg caagatgtat agtataaaaa taaaacact ttggggagaac      660
tttaaaagc ctaaatagaga ttactatgtc agagactcca gactcatacc ataatatgca      720
atcttccacc tgcctaagat cagtgaatcc                                     750
```

<210> 4095
 <211> 758
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(758)
 <223> n = A,T,C or G

```
<400> 4095
gnnnnnnnng nttntttncg gctacaggct acttgttctt tttgcaggat cccatcgatt      60
cgaattcggc acgagaggac attctcctac atagccgtat attctcatta taccagcaa      120
atattcaatc atattatcta aggtacactc cacattcaga aaaaaaatg ccctttacca      180
tagtttttgt tttgcttttg gttttgatca aagattacag gtgtgagcca ccgcaactgg      240
cccactgtgt tacgatttga aataaaaagg aacctgtcaa gtaccagag aatatcagaa      300
ctgctgtccg atctcctgaa attgaaatta atttcctcag tgactcaata cccactgcca      360
ctcactcaag ccctgcaagt tcaagccaaa tcactcctgcc accacaggaa tctgatgggt      420
cacgctgtgt cctactgaaa atggggattt gggttagtga taaaataggt taaaacacat      480
aaaataggta aactagggtg aaatacagta agaattgggtg agaggagaga aaaagaaact      540
tcantttagg aagcataata ctacttaaaa tttcctgaga ataaatttgn cttctagaca      600
acacanagna nntannncnn nnnncnnnnn nnnantnnna aaaaagcctn taaactntag      660
gagtcnttta cgnaatcccn acntgtnaga tnccttgatga nttggacaac ccacttgaat      720
gcagngaaaa aatgcttttt gngaaatngg agctttgn                                     758
```

<210> 4096
 <211> 771
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(771)
 <223> n = A,T,C or G

<400> 4096

gnnnnttttn	aanatacagg	ctacttggtc	tttttgcagg	gatcccatcg	attcgaattc	60
ggcacgagac	gggagctagt	gacggcattt	ctacgacct	gaagatcctc	gtctccgggg	120
gcggcaagtc	acggacaggt	gtgatgatcc	ccatcccaca	atatcccctc	tattcagctg	180
tcatctctga	gctcgacgcc	atccaggtga	attactacct	ggacgaggag	aactgctggg	240
cgctgaatgt	gaatgagctc	cggcgggcgg	tgcaggaggc	caaagaccac	tgtgatccta	300
aggtgctctg	cataatcaac	cctgggaacc	ccacaggcca	ggtacaaaag	agaaagtgca	360
tagaagatgt	gatccacttt	gcctgggaag	agaactcttt	ctcctggctg	atgaggtgta	420
ccaggacaac	ntgtactctc	cagattgcag	attccactcc	ttcaanaang	tgctgtacna	480
natggggccc	gagtacttca	tcaacgtgga	gctcgccctn	tttcaacttca	cctncaaagg	540
nctnctggg	ccnatgtggg	tacanacgag	gcttcatnga	ggnaaatcaa	cctgccccctg	600
anatcaagg	ccantgtgtg	aaactgcttt	cggnnctcct	tgtgccccnc	aatatntggt	660
caaggccgn	ntggacattt	ttngtgaacc	cccttggcca	tgctnaact	tcaaaacaat	720
tnaaatgnnt	ttttttttgg	nnncaaatta	naacctnact	tanttttgcc	a	771

<210> 4097

<211> 757

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(757)

<223> n = A,T,C or G

<400> 4097

gnttaanncn	tnatacagct	acttggtctt	tttgcaggat	cccatcgatt	cgaattcggc	60
acgaggctgc	tgggcttgga	agtccaggtg	gggccactcg	ctaattctca	tgtgttgctc	120
cggccctcc	agctgaggt	gggtgtggag	tttgaggcca	gcacaaggat	gcaggacacc	180
agcgtctcct	tcggtacca	gctggacctg	cccaaggcca	acctcctctt	caaaggtaaa	240
ggtctcggtt	cccctacgcg	ggaaacaggc	aggaggtgac	tcaactctga	gtggatgtgt	300
gggccaccac	aggtgctgga	ggacagtgtg	ctgccaccct	gtgggcctcc	acattaccgg	360
ggaacacttg	ttaaaaaggta	ggtggggccg	ggtgcggtgg	ctcacgcctg	taatcccagc	420
actttgggag	gccaaaggcg	gccgaggtaa	ggagattgag	accatcctgg	ctaacacggt	480
gaaactccgt	ctctactaaa	aatacaaaaa	caaaattagc	cnggtgtggt	tgccggtgcc	540
tatagtccaa	ctactgagct	naagcnggaa	aatggtatga	accaggaag	cggacttgcg	600
gtgaaccacg	atcgtgccac	cgacttcaac	ctgggcgaca	gacaagaatt	catttnaaaa	660
aaaaaaaaag	tagtggaaca	ccctntacta	tgtttatctt	gggaaaaaaa	agtnggttna	720
acggncaagc	cttgtgaata	accctgtaat	nccaacn			757

<210> 4098

<211> 762

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(762)

<223> n = A,T,C or G

<400> 4098

gntttananc	agctnntagc	tacttggtct	ttttgcagga	tccctcgatt	cgcaaggatg	60
ggcgcacccg	agaaggagac	cgcattatcc	agattaatgg	gatagagggtg	cagaaccgtg	120
aagaggctgt	ggctcttcta	accagtgaag	aaaataaaaa	cttttcattg	ctgattgcaa	180
ggcctgaact	ccagctggat	gagggctgga	tggatgatga	caggaacgac	tttctggtgt	240
tggatgtcaa	tgatgatttt	tctgaggaag	taaccaaaaca	agaagacctc	atgagagagg	300
taaacacctt	tgtaaagaat	ctgtaaccaa	taccatgatg	ttcaggctgt	gatctgggct	360
ccctgacttt	ctgaagctag	aaaaatgtng	tgtctnccaa	ccacctttcc	atccccagcc	420
cctctcatcc	ctggagcact	ctgccgctca	agagctgggt	tgtaattat	ngttagactt	480
tgccattgggt	ttcttttgtc	ctgaagcatt	ttgaaaataa	agttacttaa	gttaaaaaaa	540
accaaanaaa	nactcgagcc	tctanaacta	tagtgagtcn	attacgtnga	tccaganttg	600
atnagaaaca	ttggttnagtt	nggnaaccac	aacttgaatg	ccnccgaaaa	aangccttat	660

ttggtaaaat tgtgangcna ttggtttatt cgtaaccttt ttaaccggcn ttnacaagtt	720
aaccacnacc attgctttna ttttatgggt tagggctncg gg	762

<210> 4099
 <211> 818
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(818)
 <223> n = A,T,C or G

<400> 4099	
tgnnnnnttn anaancagct cttgttttnn agcangatcc ctcgattcga attcggcacg	60
agcagccttg gtgacagagc gagaccctgt ctctaaaaaa taaataaata aaatattgtg	120
agtctctgat ggggagcagt attgcatggt gggtgagaac tgaggctctg atgttagaac	180
tggattctga cttaaccac tggttgccca catcttgagc cttggtttcc ctatctgtaa	240
aatggcagta ttctcgggct ggctgaggaa aggaaatgag gccaggcgcg gtggctcagg	300
cctgtaatcc cagcactttg gcaggctgag gcagggtgat gatttgaggc caggagtgtg	360
agatcagcct gaccaacatg gcaaaccctc gcgtccacta aaaatagaaa aaaatagctg	420
ggcatgggtg tgcaccctg tagtctcagc tacttgggag acagaancag gagaattggt	480
tgaacttga aggtggaggt tgcantgagc tgagatcgca ccaactgnact ccatcctggg	540
cgacagagca agactgtctc aaaataaata aatnaataaa taaatnaagt tcaaaaaaaa	600
aaaaaaaaac tcgagcctnt aaaactatta ntgagtcgta tnacgtagat cccagacatg	660
ataaaaaatac catttgatga agtttgggac caaaccctcn ccttggaatt gccggtggn	720
aaaaaaatgc ctttttttg gggnaaaatt tggggangcc ttttgctttt aattttgtaa	780
accatttnt taaagcttgc caataaaacc aanattna	818

<210> 4100
 <211> 821
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(821)
 <223> n = A,T,C or G

<400> 4100	
aanncnggct actngttctt tttgcaggac ccatcgattc gaattcggca cgagatccaa	60
ctgtggcttc tcccaggacc attacacttg tatctaaata cctacttgac atcttctttt	120
ggatactgaa taaagatctt gaacaaacaa ataaaaacag taggttggtg atgcatgtta	180
ctttgcccga tagatatatt ctatcagaat gtgatttgta tatataatat gtttacatat	240
taaattttga ttcaattaaa attctccaca ggggagattc tgtggtaagt tctttcgtaa	300
atgaagtaat tattctagtg atttaagttc atgttacttg tactttatgc tttattattg	360
atgtgttatt atgcagtatg cttattttgt ttttattctt atgttattta ctcttgtttc	420
tgattgatct ttcatgaagc tctaataact ctgtccatag aagcacagct ataatgatat	480
ttacatatgt aaggaagact acaaatatct cttcttttga ttcatTTTTg gtgattatct	540
ccttggcaga cataaaagac tgatgtggtt tggtgtgtgc cccacccaaa tcttgaattg	600
tagctcctct aattctcacg tgcctatggg gggaccagc gggaggtaac tgaatcatgg	660
gggcaggtct ttcccagct gttctcctga tagtgaataa gtctcacgag atatgatgg	720
ttaggaatgg ggagttcccc tgggcatgct ctctctctg cctgccacct gtagacgtga	780
ctttgctctt ctttcgtttt tgccaagatt gngaggcct c	821

<210> 4101
 <211> 818
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(818)
 <223> n = A,T,C or G

```
<400> 4101
tgnnnnnttn anaancagct cttgttttnn agcangatcc ctcgattcga attcggcacg      60
agcagccttg gtgacagagc gagaccctgt ctctaaaaaa taaataaata aaatattgtg      120
agtctctgat ggggagcagt attgcatggt ggttgagaac tgaggctctg atgttagaac      180
tggattctga cttaaccacac tggttgccca catcttgagc cttggtttcc ctatctgtaa      240
aatggcagta ttctcgggct ggctgaggaa aggaaatgag gccaggcgcg gtggctcagg      300
cctgtaatcc cagcactttg gcaggctgag gcagggtgat gatttgaggc caggagtttg      360
agatcagcct gaccaacatg gcaaaccccc gcgtccacta aaaatagaaa aaaatagctg      420
ggcatgggtg tgcacccctg tagtctcagc tacttgggag acagaancag gagaattggt      480
tgaacttgga aggtggaggt tgcantgagc tgagatcgca ccactgnact ccactcctggg      540
cgacagagca agactgtctc aaaataaata aatnaataaa taaatnaagt tcaaaaaaaa      600
aaaaaaaaac tcgagcctnt aaaactatta ntgagtcgta tnacgtagat cccagacatg      660
ataaaaatac catttgatga agtttgggac caaaccnccn cttggaatt gccggtgna      720
aaaaaaatgc ctttttttg gggnaaaatt tggggangcc ttttgctttt aattttgtaa      780
accatttnt taaagcttgc caataaaacc aanattna      818
```

<210> 4102
 <211> 845
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(845)
 <223> n = A,T,C or G

```
<400> 4102
gnnnnnnnnn tttntataga tacagctact tgttcttttt gcagggatcc ctcgattcga      60
attcggcacg aggatacatc caaatattat tcatgttata gtaaatacaga tgaagccttg      120
agcttctcag cagccacgta aggcctaaat atgaggggaa aggggctctt agaagtgaag      180
tgactttctga aagatgcaca gagaattagg aaagagtctg aattcaaccc tggaaacctg      240
actttcaggt gagtgcctgg ccactaaag aatgacaaag ccatggggag tggcatggaa      300
agcatgagct ttggagttag acaggcctgg gtgtgaatcc tggtcacccc agttctgtta      360
aagacctcag aaaagttacc tagcttcatt aagcctgttt cttcagccaa aaattaatgg      420
tgtaaacgct tacctctcag gatggggggtc acaaataaat agaacgacat aaagtacata      480
atacatcaat cagttaggat gtatttggtc acaggcaaaa gaacagccct cctcaactgg      540
cttaaccaac aattaaccta ttatcttaca taaaagggag tctagaagta gggatgttcc      600
aggtttggtc aatccagcag ctcaaccatg tcaacacaga ccgggttttc tctgtcttgc      660
ctttttgcc aattcagtcg ttctcatgggc tccctttatg cttgcaatat gccagctgca      720
gcttcagaca tcaacttntc acatacttat gtccagagca gaagaaggac atttctcctt      780
gngcatttct actggagact aaattttcct gcctggcaaa aaaaaaaaaa aaaaaactcg      840
nnccn      845
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<210> 4103
 <211> 830
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(830)
 <223> n = A,T,C or G

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<400> 4103
actacagcta cttgttcttt ttgcaggacc catcgattcg ccacactgct gttctcatga      60
tactgagttc tcacaagtcc tgtttgtttt ataaggggct tttccccctt ttgctcaaca      120
cttcttctcg ccactcatgtg aagaaggacg tgtttgtttc cccttctgcc acgattgtaa      180
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gtttcctgag	gccttcccag	ctatgtggaa	ctgtgagtta	attaaacctc	tttcctttat	240
aaattaccca	gtcatgggca	gtcctttaca	gcagcatgag	aatggactaa	tacactcctc	300
aaatgttttg	aagattgttg	caccttgga	ctaccagtgt	gcacacaatc	tggtcctaatg	360
tatatatttg	cccagcaagg	caaagaactg	aagtccagg	atggaagaac	ctgtgttctc	420
ctcataatag	tatagaataa	ttcaagatag	gcaagaagga	cagcagtaaa	tgaagaccat	480
ggaagaaaag	aagggaatgcc	aaagatcgag	gaaatctacc	aagactagta	gggtagtcca	540
gaagaagctg	tttcagggcc	tggtgccagc	tatgcctttg	agaacctcgg	gatcccaaag	600
aatgagggga	atttcttcag	aaagacaatc	tcggcatgca	ttatttcttt	ggtttgaaga	660
ttcactcatg	ttgcatgcat	ctgtagcttg	tgcttttttt	attgcctagt	agtattctgg	720
catatgccta	tcttacaatt	tgattatcta	ttcacctgtt	ggatgaatgt	ttgaattttt	780
tccatttgag	gaatttatga	ataaagctgc	tnttagcatg	aaaaaaaaaa		830

<210> 4104
 <211> 844
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(844)
 <223> n = A,T,C or G

<400> 4104						
nnnnnnnnnn	ttntnaanat	acagctactt	gttctttttg	caggatccca	tcgattcgga	60
gaatcatgac	tgctggctga	agcctgcatc	tttgggtaaa	cagggcaatt	aattcccaga	120
gaacaaggac	atcatggata	gttaaggcaa	ccagataggt	gcttatcctc	taggtctcca	180
tccaaaatgg	agtaatgaca	cctactttcg	tgttttaaga	tttaaacgca	gtaacatatg	240
taaagtgcag	agtctgatgt	tcgagtccac	aacgatgtaa	ataatgcaaa	accagtggat	300
tactcatgct	taatttatat	tttacttgga	aattttattc	ctttttcttg	gttatctctc	360
taaataaggt	aactttttta	tacattttct	ttttatatgt	atttattctt	ttttttttgt	420
gacggggtct	cactctgtca	ccaaggctga	aatgcagtgg	tgcgatctca	gctcactgca	480
acctccactt	tccaggctca	agtaattctc	cagctactca	ggaggctgag	gcaggagaat	540
cgcttgaact	cgggagatgg	aggttgcact	ccgtctggat	catgccactg	cactccagcc	600
tgggtgacaa	agcaagactg	tcttaaagaa	acaaaacaaa	actacaaacc	aatttgtttt	660
aaagcatggt	ttttctctgg	taaagaacct	tncagtga	aacacaggac	ataaatttac	720
tatggtaatt	aagtcgtttt	tatcanatgg	nattattaag	ttggttttat	caagtggnat	780
taaaggattc	atttgtttac	agtattattc	aacacnaatn	ggaggataat	tacaattcct	840
tatt						844

<210> 4105
 <211> 881
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(881)
 <223> n = A,T,C or G

<400> 4105						
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tcggcacgag	ggtacacgaa	gaggtgataa	tgacagccac	caaggagatt	tggagcccat	120
tttagaggca	tctgtttctat	cttcccatca	taaaaaaagc	tctgaggaac	atgaatacag	180
tgatgaagct	cctcaggaag	atgagggcct	tatgggcatg	tccctctctc	tacaagccca	240
tcatgctatg	gaaaaaatgg	aagaatttgt	ttgtaaggta	tgggaaggtc	ggtggcgagt	300
gatccctcat	gatgtactac	cagactggct	caaggataat	gacttcctct	tgcatggaca	360
ccggcctcct	atgccttctt	tccgggcctg	ttttaagagc	attttcagaa	tacacacaga	420
aacaggcaac	atgtggacac	atctcttagg	ttgtgtattc	ttcctgtgcc	tggggatcct	480
ttatatgttt	cgcccaaata	tctcctttgt	ggccccctctg	caagagaagg	tggtcttttg	540
attatttttc	ttaggagcca	ttctctgcct	ttctttntca	tggtctctcc	acacagtcta	600
ctgccactca	nagggggctc	ctcggcctnt	tctctaagta	agtatctgta	aagtncatat	660

ttttggccaa	tgattnanag	gttagtgcnt	taggggaaaa	aacattcncc	canantttgg	720
catgaattct	ttaataatna	ttctaatac	cnccttnann	ttttnaaaan	aanttttnna	780
cacnaaaacc	cagatttgnc	ttntttaanc	atttnnttnn	atttncnnan	aganccncca	840
agntataaat	tcggggaana	cnaaaatngg	ttcaatttnn	t		881

<210> 4106
 <211> 831
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(831)
 <223> n = A,T,C or G

<400> 4106						
tttnnataca	gctcttggtc	tttttgcagg	gatcccatcg	attcgaaaag	gtgaatgcag	60
aggcctggcc	cagaccccag	ccctgtgtgt	caatacaact	tttcacgttg	ttacatacac	120
attttccagt	ctgtgtctcc	ctctgaaaga	aaccctgaaa	ttcaggttgc	taatagattg	180
ttggttgcaa	gtatgaagga	cagaggaggt	aagagaggag	gcaacttgct	aatgcaaaaag	240
cagtgtactg	aaagtcactt	ttatttctta	tttataatct	acatgcacac	tctggataat	300
agatgacact	gctcattcag	tactttaact	tcaaagcaga	gagaagccat	ggatgacaga	360
gccgggagcg	ggaatacaaa	ggtactaaca	acaagaggaa	aaatgcctgt	ttacgggatt	420
gcatttggtt	gcacgctctc	ttcagatatt	gttccccccag	gaatagcgaa	aatatgtgca	480
gcgcgaacaa	tgattttaaca	tctgaaaatg	gtactttaag	agtttctgtc	tggtagtaat	540
gtgatggagg	cttctgaagg	gaacctgggg	acttcatttc	ttctatttat	ctatatgtct	600
ctctggtttt	agtgcgcgtt	aattgcataat	ttaacccctc	aaatagcttt	aacctnaccg	660
atgccacttt	ttaccctgta	taaaatgtac	ttttatccca	gcaaaggcag	actcagaaat	720
tnctttaccc	aaaaaattat	ttaaaaaaaa	aaaaaaaaaa	cttcgagcct	tttanaactn	780
tngtgagtcc	gnnttacgta	gatccngacc	ttgatnagga	tccattgatg	n	831

<210> 4107
 <211> 848
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(848)
 <223> n = A,T,C or G

<400> 4107						
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gattcgaatt	cggcacgagg	cctctgtcct	gaacttttta	acccgggtgcc	acaacccgag	120
ggtctccata	ggggcaggta	aacggggatt	ttaatcattt	taagtgtctt	agaatgatat	180
tttgggaaaa	agcactcctt	ttcctaagga	ctgcgactcg	gtgaacagaa	aggaggctat	240
gcgggtgtggc	cagccaactc	aaggaggacg	aagcaacctt	tgctctctaa	ctgcctggaa	300
ccaaatgtcg	atttttctga	cccctcccag	ggagtgtctg	gtagtgtatg	tgtctggagg	360
gtcaaatacca	ttcccaatgg	caaagggtcc	tcaccactcc	ccaccgctac	aactccaaaa	420
ccactcatcc	cagtgttttg	ggcactgtgt	tcctcttcgt	ccctgcacca	gacctgggaa	480
gccttgccca	gagacctcac	cagactcgac	ttgcggcgct	gggccagctt	catggatgct	540
ggagtggagc	acgatgacgt	agcagagctg	ctgcaggagc	tacaaagcct	ggccagtgcc	600
taccagggtg	gtgacagcct	cgtggactaa	agttcccagt	gtgggagaaa	ggagctagtt	660
tgcaataaaaa	acagctggat	gcaaaaagcc	tctagaacta	tagtgagtcc	gtattacgta	720
gatcagacat	gatnagatac	attgatgant	ttggacaaac	cccactngga	atgcantnga	780
aaaaaatgct	ttatttgtga	aatttgtgat	gctattgctt	tattgtaacc	attattaagc	840
tgcaatan						848

<210> 4108
 <211> 849
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(849)

<223> n = A,T,C or G

<400> 4108

gnnnnnnnnn	tttnaacctt	nctaatnctg	gctactngtt	ctttttgcag	gatccctcga	60
ttcgaattcg	gcacgagaga	aaccagnatc	acacaggaat	gactgggatt	ttaggcctgg	120
aatgtacctt	taaaattatc	ttattacaca	ccatccttca	tttttctcat	tttcctcttt	180
tgggattcat	atattaagta	ttagggcatt	aaaacacaac	tgtatatata	aagaaaaata	240
taaagtaacc	acacatgctc	agggaaagac	acaggctcag	aaaatgcctg	agaagaactt	300
agtttcacac	cccaggctga	tcctaagcac	cgagacagcc	tacaacaatc	caaaaaacaa	360
aaacaataaa	taaaaagtaa	caaacaacag	caaacctaa	agaatgacga	aaatataatt	420
tccagaatta	ccactttatt	agagtcaa	gtccagtttt	taataaaaact	cagaagcata	480
caaagaataa	ggaaattatg	gccccatcaa	ggatcaaagg	aaaaaaaaat	gaatggaaac	540
tgtactgaaa	aagacatgat	ggcagatata	ctagaaaaat	actttaaaat	actgtcttaa	600
tgatgcttta	aaaactagag	gaagatgtgg	aggaagtcaa	gaaaatgatg	tacaaacaaa	660
acagcaatat	caataaggag	gtagaaaact	ttaaaaggaa	acaaaaaaat	tctagagtgg	720
aaaagtncaa	tactgaaata	aaatattact	agtaggattg	aagtcattgt	tggaataggc	780
aaaaaaaaaa	annnnnnnnn	nnntnnaaaa	aaaaactngg	ccttttaaac	tttnggggtc	840
ngtttacct						849

<210> 4109

<211> 835

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(835)

<223> n = A,T,C or G

<400> 4109

tannccngct	cttgttcttt	ttgcaggatc	ccatcgattc	ggtttggcag	tctctgaaaa	60
tatatactcg	ccatatgac	cagccagttc	actgctacct	agtttcccaa	aagaaatgaa	120
aatatatgta	tatgtgaata	ctcatatact	aatattcata	gcagctttgt	ttgtaatgga	180
caaaacaacc	caaatgtcca	tcaacgttgg	aatggaaaca	acccaaatgt	caatcaacaa	240
gtgaataaac	aaaatgtgct	atacgtatat	aatggaatac	tactcagcaa	taaaaaggaa	300
tgaagggaat	gaactaatga	tgcattgcaac	agcatggata	catctcaaaa	taattatgct	360
gaatgaaaga	agccagacag	caaaaatttc	ctactgagtg	attccattta	tataaaaatc	420
tagagaatgc	caattagcct	ttagtgaaat	aaagcagaac	agtaattgcc	tgtgacaggg	480
tgggaaagat	ttggactgga	agcagggtt	accaagaggg	gtgagaaaac	ttttgaagggt	540
gatgaatatg	tacattgtct	tcattgcttt	ggatggnttt	tccagggtgt	atattgtaat	600
ttcaaaaaat	gatcaaaatt	tntacacttt	taaaatantg	gttcaagtgt	tattttttat	660
attgaaataa	aaggctggat	taaaaatggc	ccnaaanann	annanactnt	tnantntntn	720
nnncntnnnn	tnncnnnnnn	ntcntnnnnn	nntntntnnn	nnnnncnnccn	gnccttntt	780
aaaaantttt	gnngggggnc	gnnttttccn	tngaaccccc	cnctttgttt	tanct	835

<210> 4110

<211> 772

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(772)

<223> n = A,T,C or G

<400> 4110

acattnnngnn	cgcttttcng	tttganccca	tcgaccgaat	tcggcacgag	gctngatcgt	60
ctgggcctgn	gtttanactg	gnatnggatn	ctcaatcctt	nttgttcaaa	ttttnaagtc	120
cagaaaagctc	tgaaaactga	aagttttttc	ataatttatt	tcactgtaaa	acctgaattg	180
aactgatatt	tatctcacta	aaaatgagta	ttcatatatt	gnactgtang	aatngtaaaa	240
ttaccaagta	ntancccaga	cctagttaga	taaattgca	attnngctttt	aattncaaaa	300
aaatcttaan	tctgaggcac	atgttgctga	cagcatttca	gatnagggat	tttgaacctc	360
taattcaatg	atgtngataa	atatcaccac	ttctactacc	attgtctatt	actgaacact	420
taccatgggc	caggtacaga	gaaggaattg	acctaataag	ctnttcggnc	cntananagc	480
tntaaaaggc	aggtcctttt	attgacgtca	ttttattgct	ggtcacccaa	gtggcaaggc	540
tgggtgctgc	cattggtcaa	gttatgactg	ccgtgctcct	nccccaaact	taangcagaa	600
ntctcagtgc	agatgatcct	ggacttacca	aggggggttat	nctaaatnga	ataagaactg	660
ggcctaaaat	tgggaaanat	tggttaaggcc	ttttaatacc	atnttaacca	tcttagcttt	720
gncttaacct	acccttaaan	ngtgcctcaa	ggacacttac	atttaccgna	cc	772

<210> 4111

<211> 790

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(790)

<223> n = A,T,C or G

<400> 4111

ttttctttnn	ntnnatcagc	tcttgttctt	tttgcaggat	ccctcgattc	gaattcggca	60
cgaggggacc	tcgatcatga	caggctcatc	agcctgtgcc	tgacccttct	cacgtgaccc	120
cagacatcct	gcaacctggg	gggacattcc	tttgtaaaac	ctgggctgga	agtcaaagcc	180
gtcgggttaca	gaggagactg	acagaggaat	tccagaatgt	aaggatcatn	aaacctgaag	240
ccagcaggaa	agagtcatca	gaagtgtact	tcttggccac	acagtaccac	ggaaggaagg	300
gcactgtgaa	gcagtgagga	tttcttgtgc	cattttcata	atggtcatta	gctcctttta	360
agctanaaac	gtacctgagc	ttctgaagag	ttcctgggag	atlttgagctg	atltttggaaa	420
tggagcatga	caagtgggga	gtctctctct	ctctttctct	ctctctcttt	ttaacaaaaa	480
agagatgacn	aaactaagtt	cagggggccat	ggaaaatgaa	aaagtccgct	atattnggat	540
ttgggaagaa	gaaagtnttc	angaagaaan	angtgangat	tgaangatng	agaaaaacag	600
acttggtggg	aagggtcana	aaggaattcc	cccgangcaa	gggattgggtg	tgcccatttg	660
tgcttttgac	cgggaccttc	atcttattat	actgggttaaa	cttgtnanac	cacaaaacag	720
gggttttcca	accctgtgtt	ttagaacccc	acgcncacga	tttttccaat	tcttttaaagg	780
ggggctgggtt						790

<210> 4112

<211> 775

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(775)

<223> n = A,T,C or G

<400> 4112

ggtnnnnntt	gnaatcgana	gctacttggt	ctttttgagc	gatcccatcg	attcgaattc	60
ggcacgagga	aagctcatta	ccagtaggac	ataatttttg	gctctcccta	ttcacaacca	120
gtgcacaggt	tgacacagtg	gcctcaggtt	cacagtgcac	catgtcactg	tgctatccta	180
cgaaatcatt	tgtttctaag	ttgtgtttat	tcctggagtg	acatgccacc	ccgaatggct	240
cacttttact	gaggatgctg	tcctctgatt	tagctgctgc	ctccagcctc	tggcttgaga	300
acttactaaa	ggcacttcct	tcctgttaaa	cccctgttaa	ctctccataa	atttggtgat	360
tctctgctag	gcctaagatt	ttgagttaac	atctcttgaa	gccaaactcc	accttctgtg	420
ctttttgctt	gggataatgg	agtttttctt	tagaaacagt	gccaaagaatg	acnagatntt	480
taaaaaaaga	aaggaaggaa	aaaaaaaaacn	cttcctttta	aagaaattcc	ctaccngatt	540
tttaatatag	gtnatcttac	cacttttctt	tctagtttct	tggattttta	gcttaggctg	600

cattctaacc	tcatactgng	naanacccaaa	ggtgggttttt	ngattcanna	aattttttga	660
aaatctgcat	aagccttaaa	tttggtaaaa	aattaangaa	aaattccttt	aaaaaaaaaa	720
tannnnnnnn	naaaaaaaaa	aacctgnggc	ctttanaact	ttgngagtcn	tttcc	775

<210> 4113
 <211> 773
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(773)
 <223> n = A,T,C or G

<400> 4113						
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aattcggcac	gagcccagag	aagagctttt	cagagaaagg	tacagacaag	aagctagaaa	120
gagtggaaag	agcagcagtc	ttgcaaggaa	gcagggcaga	gacacagccc	atggcccctc	180
actgccctgc	tggaaagggt	gatggagctc	cccgagcat	ggttcctgcc	tgggtgacag	240
aggctcctgt	ggccacttta	gaagtgcggt	ttactcctca	tgccgagatg	gaccttgggc	300
agctcagttc	acaagatggt	ggtcaggcgt	catttaaata	ttttcagtca	gcagaggaa	360
caaagcgtgc	cattgaggct	gtgctgtcag	cggatcctcg	gtctgtgtac	cgccggaagc	420
tttgccagga	ccgccttttc	tactttactg	tagacatagc	gcattgtact	tgctgggttg	480
gtgatggctt	tgcagagggt	ctgaggatca	agccggcttc	tgagcctgtt	catatgactg	540
gccctgtggg	gtccttggtg	tctctggggt	cttaaggacc	tncctcatgt	ctttaaggta	600
gcattcattga	tctttggatg	tggccttttg	gatttcttga	acaagcta	ggtgtgtcaa	660
gaagcaacac	ttttgtgaat	ctcattggct	ttgattggat	ttgggcttgt	tcaaaaatgt	720
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<210> 4114
 <211> 704
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(704)
 <223> n = A,T,C or G

<400> 4114						
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gcacgagggt	acccagtagg	tatcgttgga	aacaacggag	ttctcttttc	tgaatctgca	120
aaaaagggtg	ctcactttgt	ccagttatgc	tgccaaagaa	atattcctct	gctgttcctt	180
caaaacatta	ctggatttat	ggttggtaga	gagtatgaag	ctgaaggaat	tgccaaggat	240
ggtgcccaaga	tgggtggcgc	tgtggcctgt	gcccaagtgc	ctaagataac	cctcatcatt	300
gggggtcctt	atggagccgg	aaactatggg	atgtgtggca	gagcgtatag	cccaagattt	360
ctctacattt	ggccaaatgc	tcgtatctca	gtgatgggag	gagagcaggc	agccaatgtg	420
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ccaaggatatg	ggatgatggg	atcattgtcc	acagacncag	actgtcttgg	tctngtttag	600
tgcacctnac	cccatngaga	gatgntcgtt	cttagatgta	ctggataagn	gttctgtgaa	660
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<210> 4115
 <211> 758
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(758)

<223> n = A,T,C or G

<400> 4115

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agcacaatgg	tagcaagaac	gtcttcagca	ccttccgaac	ccctgcagtg	ctgttcacgg	180
gcattgtagc	tttgtacata	gcctcaggcc	tactgggctt	cataggtctt	gagggtgtag	240
cccagttggt	caactgtatg	gttggaactac	tgtaaatagc	actcctcacc	tggggctaca	300
tcaggtattc	tggtcaatat	cgtgagctgg	gcggagctat	tgattttggt	gccgcatatg	360
tggtggagca	ggcttcttct	catatcggtg	attccactca	ggccactgtg	agggatgcag	420
ttgttgggaag	accatccatg	gataaaaagc	tcaatagcat	ctttaacgtg	aaaatnaaac	480
cagaacncna	nnaaggcctt	tanggatttc	ngggtttttg	cccacggcca	cagggttcatt	540
tccagaggaa	tgcaaaactg	anacnatcca	ggaagagcta	aaacatggcc	ctgtaataaaa	600
tgaccagacc	tttcctgngg	ttcaaatntt	taacacactt	cctttctttt	gggaaaaaaa	660
aannnnnnnn	antnnnnntt	nnaaaaaaaa	aaacttgacc	tttaaactnn	aggatctttt	720
actnantcca	acttgntaga	nccatggtga	gttgggna			758

<210> 4116

<211> 869

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(869)

<223> n = A,T,C or G

<400> 4116

ggnnnnntnn	nnnttgaaac	cttnggctac	ttgttctttt	tgcaggatcc	catcgattcg	60
aattcggcac	gaggtcaacc	tctaccacgt	gcgggaggat	ggctggatcc	nagtctccag	120
ngacaatgtg	gctgatctac	atganaagna	tantggctct	acccctgaa	agaggggtgga	180
tgcanctgct	tgtgtatntt	gggggtgactg	tcattggtaa	tacggacaca	gtgacccatc	240
ctccatncta	tttatagnn	aagggccttc	antngtatca	gtacttgatt	tnaagctctg	300
gcacattgac	ctntatgtgt	taccagtcac	taatgagctg	ntgcacgagg	tgactattng	360
ttanactntc	tttagcatgt	aacattacac	tnctcactac	tcatananaa	gnntnnnnan	420
aacttgagnc	ctttaaaaac	ttttaagtna	gtcannattt	ccgttngatt	ccaatanctt	480
ngaanaaga	atncccttgg	gntnaatttt	tggaatcaaa	acttcctacc	tttgnaaatt	540
nnnntgtgg	aaanantaaa	atntgcttta	aaatttttng	ttgaaaattc	ttggggggaa	600
ncgatttttt	nngncttttn	aannngnggg	ttacccctt	tnattannnt	cttnaaatan	660
ttnccaaann	ttttaaccct	caaccttttt	ggnnntttan	tttttaagng	gttncatgnt	720
aaaangtnaa	atntntttgt	anngnttttt	ttntccagnt	nccnngngtt	cttnanaaat	780
ttngcccnnn	gtgtcnacaa	nnntttttgn	tnccntaatt	tatnggnggt	ttntttncn	840
ctnttgtcat	aaaatagngt	taanctggn				869

<210> 4117

<211> 817

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(817)

<223> n = A,T,C or G

<400> 4117

ggtnnnnttt	ttnnntaca	gctacttggt	ctttttgcag	gatcccatcg	attcgaattc	60
ggcacgagga	gatgctgaag	gaaattatag	ccagaggaaa	tttttagactg	cagaatataa	120
ttggcagaaa	aatgggccta	gaatgtgtag	atattctcag	cgaactcttt	cgaaggggac	180
tcagacatgt	cttagcaact	atttttagcac	aactcagtga	catggactta	atcaatgtgt	240
ctaaagttag	cacaacttgg	aagaagatcc	tagaagatga	taagggggca	ttccagttgt	300
acagtaaagc	aatacaaaag	gttaccgaaa	acaacaataa	attttcacct	catgcttcaa	360

ccagagaata	tggtatgttc	agaacccac	tggtttctgt	tcagaaatca	gcagcccaga	420
cttctctcaa	aaaagatgct	caaaccaagt	tatccaatca	aggtgatcag	aaanggtcta	480
cttattgtcc	gacaccatng	aantnttttg	agggttgcna	aanaccattg	aaaaaagAAC	540
naaaagcctt	aaaagccctg	tnttcncttg	taaattcacc	tgcaaaaata	tggtattggct	600
ntttaccaac	ngggcaaccc	tggaacacn	aaaaaggctt	gtgggnattt	ggaattattt	660
ggtncggaaa	atngtctcnt	ggtaanttat	tcattactta	cttnaaagaa	ctggtttcaa	720
aaatnggcaa	gcnttccttn	aaaagcccag	tttgttaaaa	aatanggtcc	cccttgnctt	780
ggttccaaaa	nnaaaaggcc	nnaanggaan	tttcenn			817

<210> 4118
 <211> 861
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(861)
 <223> n = A,T,C or G

<400> 4118						
gntnnnnnt	tgntncata	caggctactt	gttctttttg	caggatecca	tcgattcgaa	60
ttcggcacga	gccggcttcc	tcatcaacct	cattgactcc	cccgggcacg	tcgacttctc	120
ctcggagggtg	actgctgccc	tccgagtcac	cgtaggcgca	ttggtgggtg	tggtactgct	180
gtcaggcggtg	tgctgtcaga	cggagacagt	gctgcccag	gccattgccg	agcgtatcaa	240
gcctgtgctg	atgatgaaca	agatggaccg	cgccctgctg	gagctgcagc	tggtagccga	300
ggagctctac	cagactttcc	agcgcacgt	ggagaacgtg	aacgtcatca	tctccaccta	360
cggcgagggc	gagagcggcc	ccatgggcaa	catcatgac	gatcctgtcc	tcggtaccgt	420
gggctttggg	tctggcctnc	acgggtgggc	cttaccctga	agcaatttgc	cnaanatgta	480
tgtngccaa	tttngccgnc	caagggggga	aagggccan	ttnggggccc	tgccnaaacn	540
gggcccana	aaaggttnan	ggaccattga	attnaaaaa	aaccttttgg	gggttgaac	600
aagggtncct	ttttggaccc	ccaancccca	aacggggcaa	aggttttnaa	ncnaagggtt	660
naagcccac	ccaaaccccc	ccnaaaagg	gnaaanaaaa	cttggccaan	gccaacntt	720
ttttggcaa	acttgaacc	cttgggaanc	cccatttttt	tnaangggng	ttttggatgc	780
cnaaccattg	aaattttcaa	ggaaaanaag	gaaggccngg	gattngggaa	aaccccaaaa	840
aatttttttc	catttttttt	n				861

<210> 4119
 <211> 851
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(851)
 <223> n = A,T,C or G

<400> 4119						
ggtnnnnnt	gtaanntana	gctacttggt	ctttttgcag	gatcccatcg	attcgaattc	60
ggcacgagcc	tcattatcca	ccacgcacag	atggtacagc	tggtgctgaa	caaccacatg	120
tggaaccaga	gagggtccca	ggcgcccag	gacaagacgc	aggaggcaga	atgaccgcgt	180
gtccttgcc	gaccacctgg	ggaacacccc	tggtaccagg	catcggccag	gaccccatag	240
agcaccccg	tctgccctgt	gccctgtgga	cagtggaga	tgaggtcatc	tgccactttc	300
aggacattgt	ccgggagccc	ttcatttagg	acaaaacggg	cgcatgatg	ccctggcttt	360
cagggtggtc	agaactggat	acggtgttta	caattccaat	ctctctattt	ctgggtgaag	420
ggtcttggtg	gtgggggtat	tgctacggtc	ttttaattat	aatnaatatt	tattggatgc	480
ttnaaaaaaa	naaaaaaaa	aaacttnngg	nctttttnaa	atttttaggg	gagtcngtnt	540
tnccntagan	tccagacntt	gtttanggat	nccattgggt	gaanttttgg	gaccaaacc	600
ncaacnttgg	aaattgccnn	ntggaaaaaa	aaantgcctt	ttantttggg	gnaaantttg	660
ggggaatgcc	ttatttggct	tttaattttg	gtaaccnnt	tttttaaagc	ctggcaattt	720
naaccnaggt	ttnacnanc	caaccaaatt	ggcattttca	tttttaaang	gttttnnang	780
gtttcaagg	gggnaagggt	tttgggaaan	gttttttttt	aaaatttnnn	ggggcccn	840

<210> 4120
 <211> 848
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(848)
 <223> n = A,T,C or G

```

<400> 4120
ggtnnnnatt taanntnagc tacttgttct ttttgcagga tcccatcgat tcgaattcgg      60
cacgaggnnc ctgcaagggc tgggtgtggaa acaagcannn tngntgcntg aagcaaaagt      120
nanacngngg tgtnnactgt tgatgtgacc ccacaaagtg tnggaaccgc catcaaggcn      180
nggntagctn gggcactgtg gancggaccc anaattncnn nggntccttc naactgnang      240
atcctaccna ggtnaccenn ggatngngct tntntaatnc nntttgtgcn acccnaata      300
gcnngatcct gaaaganatg tgccatgtng ancaggtgct gtanaagaag actgcttcng      360
ctccctgncc ttttgacctc ccngagttga aacatgtagc aacacgnntn ccatagaata      420
caaggctcca gntgaagaaa aagaaacggg ntctggtcag naacaatcag ntccntntc      480
ttggangatt cccctnttnt aatnaaaagc cctnatttna nttttnnang cnttnaattt      540
tttacnctn caatntttgg tttgcntaan atgcttttct aaggtttgan aaccctttaa      600
anggggggtt tttttnaaaa tggactttct tntgggattt tnagggtttt antttggctt      660
anttnaaaaa aaaagntaac caaaaaccgt ttncctgnaa aaagaanggt nnacccttta      720
aatnggatnt tgggcccttt aancctttca atgttccang gnttacctna cttttangtt      780
ntntcccaaa aaaanggttn ctaangntn ccttatttgg actnnaanaa ccnaattga      840
acttttnn
848

```

<210> 4121
 <211> 756
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(756)
 <223> n = A,T,C or G

```

<400> 4121
gnnntttcaa tcganagctc ttgttctttt tgcaggatcc catcgattcg aattcggcac      60
gagtacatat ttgtcataat tacaataaaa tacaagagc tattttggaa ctgggcaagc      120
tgtttctaaa tgatatatga aaaataaaaa tgtctccaaa aaatccctgc agagggaac      180
tagcccttcc agatataaaa tatattatag aactgtgtaa ttaaagcaat atggtactgg      240
tccataaaaag aacataaaac caaatagttc agtagactca aaatgcaagc gttggtgagg      300
gtatggagaa aagggaaacc ttttacctt ggtgtgaatg taaattagta cagacattgt      360
ggaaaacagt ttgtagagct tcctcaataa aaacacatat gatccagcaa tcccactact      420
gggtatatat ccaaaggaaa tgaaatcagt atgttgaaga gatacttnca cgttcactgg      480
aaccttgntc acattggcca gnacttaaac cttaaagggtc catnaaccgg aagatagata      540
gggctgaccg cgggtggcca cgctgtaat ccagcactt tgggaggcca aggcagggtg      600
atcatttgag gtcagaagtt tttgaccagc cttggccaac atgatgaacc ccgtntttct      660
aaatttccaa aaattagctg ggcgtatggt gggcacctgt nttcccagtt ctcgagggt      720
nangcaggan aatgctgacc cagggacgga cttgnt
756

```

<210> 4122
 <211> 775
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1)...(775)
 <223> n = A,T,C or G

<400> 4122
 ggtnnnnntt gnaatcgana gctacttggt ctttttgcag gatcccatcg attcgaattc 60
 ggcacgagga aagctcatta ccagtaggac ataatttttg gctctcccta ttcacaacca 120
 gtgcacagtt tgacacagtg gcctcaggtt cacagtgcac catgtcactg tgctatccta 180
 cgaaatcatt tgtttctaag ttgtgtttat tcttggagtg acatgccacc ccgaatggct 240
 cacttttact gaggatgctg tcctctgatt tagctgctgc ctccagcctc tggcttgaga 300
 acttactaaa ggcacttcct tcctgttaaa cccctgttaa ctctccataa atttggtgat 360
 tctctgctag gcctaagatt ttgagttaac atctcttgaa gccaaactcc accttctgtg 420
 ctttttgctt gggataatgg agtttttctt tagaaacagt gccagaatg acnagatntt 480
 taaaaaaga aaggaaggaa aaaaaaaacn ctctctttta aagaaattcc ctaccngatt 540
 tttaatatag gtnatcttac cacttttctt tctagtttct tggatttttna gcttaggctg 600
 cattctaacc tcatactgng naanaccaaa ggtgggtttt ngattcanna aattttttga 660
 aaatctgcat aagccttaaa tttggtaaaa aattaangaa aaattccttt aaaaaaaaaa 720
 tannnnnnnn naaaaaaaaa aacctgnggc ctttanaact ttgngagtcn ttccc 775

<210> 4123
 <211> 770
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(770)
 <223> n = A,T,C or G

<400> 4123
 gnnttcaa at cgatagctac ttgttctttt tgcaggatcc catcgattcg aattcggcac 60
 gagggccgtt gggcgagatg aagctacact gtgaggtgga ggtgatcagc cggcacttgc 120
 ccgctttggg gcttaggaac cggggcaagg gcgtccgagc cgtgttgagc ctctgtcagc 180
 agacttccag gagtccgag ccggtccgag ccttctgct catctccacc ctgaaggaca 240
 agcgcgggac ccgctatgag ctaagggaga acattgagca attcttcacc aaatttgtag 300
 atgaggggaa agccactgtt cgggttaaagg agcctcctgt ggatatctgt ctaagtaagg 360
 attccatatg gctctcatat cattccattc catctctgcc aagatttggg taccgcaaaa 420
 atttgtgtt gtggaagatt ctgctgaact ctttcattca agggactact tccattgaat 480
 ttggattntg tttgcccac attgggggtc ttantanana atttgggggt gnnctgaag 540
 cactatttaa tctcttaatt tctggtctc ttangctgt tatgttaa atctccgata 600
 tggtaaaagt aatgggtgag accagaaaaa gaaatttcaa ttaccagatc antttgggtg 660
 gcattgtatg attttgcacc ntcaaaatgg aattanggga agaattctgg ntcttgcttg 720
 gaaagganga tgtgtntagn tnccattta natgactcca aattttntta 770

<210> 4124
 <211> 707
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(707)
 <223> n = A,T,C or G

<400> 4124
 gntnnnnntt tgtntncatn cagctacttg ttctttttgc aggatcccat cgattcgaat 60
 tcggcacgag ggaacatcca gtgctgcag gacgtggagc gctgcctccg ggacacgggt 120
 gtgcagggcg tcatgagcgc agagggcaac ctgcacaacc ccgccctgtt cgagggccgg 180
 agccctgccc tgtgggagct ggccgaggag tatctggaca tcgtgcggga gcaccctgc 240
 cccctgtcct acgtccgggc ccacctcttc aagctgtggc accacacgct gcaggtgcac 300
 caggagctgc gagaggagct ggccaagggt aagaccctgg agggcatcgc tgctgtgagc 360
 caggagctga agctgcgggt tcaggaggag atatccaggc aggagggagc gaaccacccg 420

gcgacttgcc	cttcactgga	tctgccaccc	tacattcggc	cggggcccaa	gganganaac	480
cagganaaag	cagtccecca	aaaagcgggc	cttgnaggaa	aaggangtgg	cacggangtc	540
tgtcttanac	ccnttgcaaa	aggacaataa	tatttaaagt	gaaaaanana	nnnnnnnnnn	600
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	ngnnntnnan	nttnnnnnnt	660
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnancnnntn	nnnnntta		707

<210> 4125
 <211> 673
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(673)
 <223> n = A,T,C or G

<400> 4125						
gntnnnnnt	tttatatata	caggctactt	gttctttttg	caggatccca	tcgattcgtg	60
cttggtcggt	tctgtgtact	tgcttagtgg	actgtagcaa	cacactcagc	ttctccagtg	120
tcaaccacac	ttggctttcc	cactctacag	tttctgtagg	atgcatgttt	tcaccattat	180
caggcttctg	cagtgtctcag	agggcagcaa	taccagcaa	ccagtgaccc	gaggccagca	240
acttctttta	cttccccctc	agttggattt	gtaacagagt	atctttggtg	ggacacttct	300
gtgtgaagag	atcttactag	caccctaaag	aatggatttc	tggcaagttc	cacaaggtag	360
acttccagta	agttctgctg	gtgcagcact	acagcaactt	ccgtgctatt	cagtgagagg	420
actgtgttct	ctccaacaag	gtctggatct	cagccctggg	atgggttaag	gtcngangaa	480
gctnttgctt	tggggntctg	ngnnaanctn	agggacttng	gnactntnaa	nagtcctcta	540
ttcnnatagt	naatanctgt	tctcacccat	gttaatagta	gngaccttta	taagttcatt	600
tcaatactgg	ggttcttcga	tgnttcttct	tatttagacgt	gaaatgtgat	gtgattgtat	660
agnatgntac	ata					673

<210> 4126
 <211> 753
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(753)
 <223> n = A,T,C or G

<400> 4126						
gntntnnntt	tgtatannta	caggctactt	gttctttttg	caggatccca	tcgattcgca	60
gcaatgtttt	gtggctttta	ttgtacaagc	ttttcacctc	cttgggttaag	ttagttctta	120
agtgctcttat	tcttttacgt	gctattataa	atgggaattat	tttcataatt	tccttttcag	180
gttggttaatt	attagtgtac	agacatgcaa	ctgatttttg	cacattgact	ttgccagtga	240
catgaacctg	tatgtagaaa	accctaaaga	ttgcacaaaa	aaaatgggta	gcttgagacg	300
taaaccttag	gcaaagagaa	gtttgtgatt	tgtaaagaaat	ttaaaattaa	taggattaaa	360
aagagagctg	tgggccttgt	tatgtatttg	ctttggaagc	cctctaagaa	aatttcaggt	420
caatttttta	ttctctgccc	tactggaatg	ccccagatt	atgtgacaat	gangtcttat	480
tttaatatgt	ncanaatttg	gtnanantgg	caatnnttgg	gttcnanatt	ttcccatttc	540
agaaaattnt	ngctttttcn	ggtgatgtct	tatcctcttg	ngtgggtccc	aagtgagccc	600
tgatcctttc	agatncattt	tatatactct	ggtgggtgatg	aataatttnat	ctctggcaaa	660
tactgnccat	gctaattccc	tggaggacct	nggatncaat	attattggaa	ttntaaatca	720
agggttaacct	aagtcaaaga	gtctnanctg	ccc			753

<210> 4127
 <211> 817
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(817)
 <223> n = A,T,C or G

```
<400> 4127
nnntntnnnt tttntacata nangctactt gttctttttg caggatccca tcgattcgaa      60
ttcggcacga ggcgagggcc tggcccccag ggcggccaca ccagaaggtc ggagaaaggc      120
ccaaggcgga tgccacgccc agcagtgggtg agggaccac agattttgga aacgacctgg      180
acacactatt gggaaggaga tgtggacggc ctgtctcctc ctgcagggcc caccctaaga      240
atgtattttt aaacacatga aataagtatt tttcactgat aaaaaaaaaa aaaaaaaaaa      300
actcgagcct ctagaactat agtgagtcgt attacgtaga tccagacatg ataagataca      360
ttgatgagtt tggacaaacc acaactagaa tgcagtgaag aaaatgcttt atttgtgaaa      420
tttgtgatgc tattgcttta tttgtaacca ttataagctg caataaacia gttaacaaca      480
acaattgcat tcattttatg gtttnaaggt taagggggaag tttttggaaa ggtttttaaa      540
ttcnnngccn nggnccaat tgcnttgggc ccggttcccc aanttttngt tcccttttat      600
tgganggggta attgcccccc ttgggcgtna atcatgggcc ataancctgg tttccctggg      660
gtgaaaattn gntattncg tttnacaatt tcccacacia nntttncnaa ncccgggaan      720
ccttaaaant gtnaaaacc tgggggggtg ccctaaatgg aattgaacct taacttnaca      780
tttaantggc ntttnnnnct tnaattggcc ccntttt      817
```

<210> 4128
 <211> 684
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(684)
 <223> n = A,T,C or G

```
<400> 4128
agnnnnnnnn nnttgaanac nnnagctact tggtcttttt gcaggatccc atcgattcga      60
attcggcacg aggataggct tagaaattat tttttatcag cattaagtgc ttcaatttct      120
ccccataaag atttctaagga aatttcagtt cctcatatta tagttttccc cataatttaa      180
tattactaag tatttctctg ccagtaatg ttgatgcagt ttgcataaat agccttggaa      240
gtaaggaggc aggacagaaa gccaaatcgc gaaatctctg gccttgattt agtgacagtt      300
tattctaag gggaccatag gtgttattag taaaaagata gtgtacaagg cctaagttca      360
gtttacattg ttctttgaaa tgagttcatc ttttgtgttg aataattgta ttctaagtag      420
gagatgcctg tatttaacat aatcatgctt tctatataat caaatatgta ttgntggaa      480
tactggtaga aataccttcc ttccctnttg ccanggaaaa aaaactcccg attatncngn      540
tataaatagg aatttgtaca tattacattt taaaatttaa atgcataat ttgaaggatg      600
gatatagtct gagctatgct gcttaattca ctctgggacc gncaatgttt tatatggctg      660
ctatgctggt acngnctgat gnaa      684
```

<210> 4129
 <211> 779
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(779)
 <223> n = A,T,C or G

```
<400> 4129
acganagcta cttgttcttt ttgcaggatc ccatcgattc gnnnctannt cgagaagagg      60
tntggtnacc tntgntgcn cncnctgggc tggacggnaa gangactnnt nnntcnangg      120
ngngnnnnngc ggcacaccng gtatttganc atgcattatc tncacacact gtgcagcatc      180
ctttggagag cacaacgcat ggaaaggcca tnnannntnt ganttgccat ntcnntngcg      240
ngtcntccta cccaagtaaa agntaccttg gcnatnntac cncngnttn ntcactcncn      300
aggacntatt acctnggggtg cntnnaacgt aatcnnttac tnnnnctcat tctnacnnnn      360
```

nttggaccca	tngncttgct	gncacaccta	tgaagnactg	tttcacagcn	ctttcacttc	420
ctacnaaggt	accatgttat	ttatcttgcc	tngaaaattc	tgaattntac	ncttaaattt	480
taanntttnt	tnactntnaa	ngcaaaaatt	ttttgaactg	aaaggtcntt	aaaggcnttt	540
ngactcttca	tttttcaa	tngggaaaac	aatgctcaaa	agagttntnt	tnaccttngt	600
aaannaangg	gaanaanaat	ctggaatctt	tcctgancct	ntacnttaac	ctcttntntt	660
cactggtnct	tgcanttttt	tcctaagtna	tttnttnggg	attatttnat	ttcaacccaa	720
cacttgancc	ctttttanng	ccaatgcact	tggttaaacc	atgggggnaa	aatgcccc	779

<210> 4130

<211> 779

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(779)

<223> n = A,T,C or G

<400> 4130

acganagcta	cttgttcttt	ttgcaggatc	ccatcgattc	gnnctannt	cgagaagagg	60
tntggttacc	tnctgntgcn	cncnctgggc	tggaacgnaa	gangactnnt	nnntcnaang	120
ngngnnnnng	ggcacacnng	gtatttganc	atgcattatc	tncacacact	gtgcagcatc	180
ctttggagag	cacaacgcat	ggaaaggtca	tnnannntnt	ganttgccat	ntcnntngcg	240
ngtcntccta	cccaagtaaa	agntaccttg	gcnatnntac	cnccgntttt	ntcactcncn	300
aggacntatt	acctnggggtg	cntnnaacgt	aatcnnttac	tnnnnctcat	tctnacnnnn	360
nttggaccca	tngncttgct	gncacaccta	tgaagnactg	tttcacagcn	ctttcacttc	420
ctacnaaggt	accatgttat	ttatcttgcc	tngaaaattc	tgaattntac	ncttaaattt	480
taanntttnt	tnactntnaa	ngcaaaaatt	ttttgaactg	aaaggtcntt	aaaggcnttt	540
ngactcttca	tttttcaa	tngggaaaac	aatgctcaaa	agagttntnt	tnaccttngt	600
aaannaangg	gaanaanaat	ctggaatctt	tcctgancct	ntacnttaac	ctcttntntt	660
cactggtnct	tgcanttttt	tcctaagtna	tttnttnggg	attatttnat	ttcaacccaa	720
cacttgancc	ctttttanng	ccaatgcact	tggttaaacc	atgggggnaa	aatgcccc	779

<210> 4131

<211> 758

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(758)

<223> n = A,T,C or G

<400> 4131

gnnnntttcn	aaannttttt	gaaanccttc	ttnncccttc	aaancgcttn	cgaattcggc	60
acgagcactt	gtcaggggag	aggggacagc	aaggtgggag	gttgaagagc	tttgaggctc	120
agcagcatgt	ttgtggcatt	cggtggacac	catggccttg	ggcggctgga	cagggtttttg	180
tgatgtgagg	gacacgcatg	gggcacatgg	taagcttgcc	aagggctcca	ggaacgctga	240
cgaagggttt	taggaccccc	acccccatgc	ctgtaccagg	gctggcctnc	agagcgggtg	300
aggacagagc	agctgtgggc	ttttcattct	gaggtccttg	ccccctgcc	accgcaaggg	360
actctttgct	tgtcagggct	tgcaaaaacc	aaccttcgag	aaagaaaagg	gaactcttca	420
cgttgaatgt	tgactttgtg	tgtatgcctg	tgtgtgtgtg	tgtgtgcacg	cgcgcgtgtg	480
cgtgtttact	tcatggaatt	ttgttttgtg	aaattccctc	caatcgtgtc	agaatttacc	540
ttcatggccc	atcacactgt	tggttctgcg	ctctgaacct	gggtgtagct	catttgaang	600
actctcttct	gcgtttccta	acagttatct	gggtgtctca	aaagttgang	ttgtggaagg	660
gttggaaga	aactgaagtt	ctatccattt	ccatagaatt	tacatnctgc	atttnaaang	720
canggaaggc	ttaaccccg	cccaaaactt	ncaggcct			758

<210> 4132

<211> 1335

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1335)

<223> n = A,T,C or G

<400> 4132

gccctttcta	antgctnaga	cccttgact	cctcatgaac	gtttggnaaa	tnccgcacga	60
ggaaacagac	aaatctgtaa	taacggccta	ancctntttc	tgngatnagn	ntcatttttg	120
cccantcnna	aaaaatgtgn	aatagnttat	tcaagncaan	cagctcattt	tccaacaatc	180
ctnngctcat	gtgatcccc	aatncccaca	actttntgga	naaccnngg	gccncanag	240
gttgtgaaa	aatgggggtn	tagatgggtt	cgnggaactt	gnagggtatg	aaaaagggnc	300
cannccaggc	tngaactggg	gattnggann	aaacnccaat	cgnaaaaccn	ntttttaaan	360
aacnccccct	ttaanaaggg	ggcacctgnt	ntttaacggc	taaganaaaa	tttgaattg	420
ccccctcan	gttncatnna	aacggggatt	tggaattttt	ggaaccccct	gggggnnann	480
attatcccat	ccacaaanng	gaaccctggg	ggcancnccc	aggggganct	ttgggaaaac	540
aaggggggcc	ccttggcctt	ttaacggcgg	ngcctntttt	tgggcantaa	ncnaggctng	600
ccctaanaan	gggggcnccc	ctttntntaa	ccnccanna	cctttncggc	gtttcncant	660
nccccntggn	gncttaaaan	ctgggntgcc	cntgtctatn	ncnagacccc	tttttngccc	720
ntggggggnc	nantttaagn	cccccccnt	tggaataatn	tcccccaan	nggngnanng	780
ggngngcccn	aaatttttnc	nncgnncnt	ttttgcnanc	ntntngggcc	natcccttat	840
ggntnaaacc	cttngnaagn	ntcaccaaat	tnggggtggg	cccctttcta	anggtaaaaa	900
caaaaaangg	nnngggnnnc	cntttgncan	cattnctttt	tcccaanacn	ctttggnggg	960
gnaaaaaacc	cctgtaanan	ncaagcncn	gggnaanata	aagggtaaaa	atcncccncg	1020
ggnnccctta	aggnntttt	naaagggaac	nntaaanccc	cncgcngggg	ngnnaaatc	1080
cttgggcttt	tacnncncnt	ttngccnca	acnntgggac	naaaggnttc	tnacnagggn	1140
aaatnggggg	ggcntnaacc	cgaaccccn	antnccnct	aagganagcg	ntaanttaan	1200
gggaancttc	ngccttgcaa	anaaagtnt	ttgnacaatn	ttngcncgaa	aannnggggn	1260
gaactnaaaa	ctgggaccaa	antccnccng	gncctanacn	ttananaaaa	gatgntaaac	1320
aatngcccc	cccc					1335

<210> 4133

<211> 848

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(848)

<223> n = A,T,C or G

<400> 4133

ggtnnnnatt	taanntnagc	tacttggtct	ttttgcagga	tcccatcgat	tcgaattcgg	60
cacgaggunc	ctgcaagggc	tggtgtggaa	acaagcannn	tngntgcntg	aagcaaaagt	120
nanacngngg	tgtnnactgt	tgatgtgacc	ccacaaagtg	tnggaaccgc	catcaaggcn	180
nggntagctn	gggcactgtg	gancggaccc	anaattncnn	nggntccttc	naactgnang	240
atcctaccna	ggtnaccnnc	ggatngngct	tntntaatnc	nntttgtgcn	accccnata	300
gcngatcct	gaaaganatg	tgccatgtng	ancagggtct	gtnaaagaag	actgcttcng	360
ctccctgncc	ttttgacctc	ccngagttga	aacatgtagc	aacacgnntn	ccatagaata	420
caaggctcca	gntgaagaaa	aagaaacggg	ntctggtcag	naacaatcag	nttcctnttc	480
ttggangatt	cccctntnt	aatnaaaagc	cctnattna	nttttnmang	cnttnaattt	540
tttacnctn	caatntttgg	tttgcntaan	atgctttttc	aagggttggn	aaccccttaa	600
anggggggtt	tttttnaaaa	tggaactttc	tntgggattt	tnagggtttt	antttggctt	660
anttnaaaaa	aaaagntaac	caaaaaccgt	ttncctgnaa	aaagaanggt	nnacccttta	720
aatnggatnt	tgggcccttt	aancctttca	atgttccang	gnttacctna	cttttangtt	780
ntntcccaaa	aaaanggttn	ctaangtntn	ccttatattg	actnnaanaa	cccnattga	840
acttttnn						848

<210> 4134

<211> 768

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(768)
<223> n = A,T,C or G

<400> 4134
cntnnttggn cnnnnnnnng ggggntttgc antgcegnct aatggctnng gctactngtt 60
ctttncgcag gancccaneg attcggaaaa tataggcctt tattgtcttt aacattgaag 120
taactttgta gttttattca attatgagcc agcagatcct tagtttaggc ccttatattg 180
catacctaatt tagaactttc cccaaagtcc aactgcatga ccttaatgta ttggagcacg 240
tcttacaggt ggacttaaaa ctctagaatt tcctgagtcg ttgttatttt ccaactgaagg 300
tctttccact gtacagcatt tcaggcatca tcactatgat tcttttttct tgactgttgc 360
ttgttttccc actgctcttt tcccgaatgg cgagctgggt gtgccatctc tggggctctc 420
ttataggaac tcacagtcta gcctactgta ttttgtttcc ggagaagtga aagtgaacac 480
tggtatttgc catcatacct ccatcaagaa tttcacttca ctaggaaata tatgggcctt 540
tcattggaact gatgattact gtggctgatg tgagtgttgg gcttangatg ctcacatgtg 600
gtagtgtgaa gttttgtaat ctaagatgga aatgagtggg ccattttaa ggcacatctaa 660
aggtcacagt gactgcanaa gaagtnagaa gagagtataa ttcttcagct ccttggaactt 720
ccatangaaa gctngaaaat cttataccca gattacccaa aaaaaaaaa 768

<210> 4135
<211> 798
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(798)
<223> n = A,T,C or G

<400> 4135
gnnnnnnnnt tncgngtggg cnnntaggtg ggggnnttct nttttactna tagctngtgt 60
actcgttctt tncgcaagat cccaneggtt cgaattcggc acgagggnaa cctttcaatc 120
actttaacta gtcncttaag gactctaggc ccagaagcct ggtttctggg tgaatgtttt 180
tatacatcac tcaacttccc tcgtcctaaa aggacaccta attttgttac tattgaaaat 240
ttttattttg gtggccagaa tacgaaatcg ggagaggtaa cccaaacagt tgtcttagga 300
aaaggcagat tctcagagc aatgggctat caacaaaata ggtgctaagc acatttggtt 360
gtaatgatca ttcatataat ttanaagatt tatggtaaca gtttatattc attatccata 420
cagttctatt tttgcaaata gaataaccac ctataagcaa acagtgttaa tgagaaatat 480
atattgtntt aagaaaatag catataccac atgaaaaaga gtgtccctt tctntttttt 540
tttttgccag aaatcaagtg tggaagnctt gatcaaagta aaactaccta tttgaactgc 600
acanataaaa ctgggggtgcc caatccttat ttacatttc tngggcttga ttcatataac 660
tttgtaanaa aaaagttnac tattnaaaaa gtcnngtgng ccttcacttt tgacttggac 720
ttctattccc cttttgtccc tgggattnct ttttctacn cnatttctnn aaatnttatg 780
aaangggcnt ntntncnn 798

<210> 4136
<211> 1105
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1105)
<223> n = A,T,C or G

<400> 4136
gacccnttc ntgattgggn cnnaggtggg gggttttcct ttttactaaa tngctngtgt 60

cntccntant	ctnctnanna	nnnagagcnn	agtcctcana	cagcncgnag	ccccantagc	120
tgggcctaca	ggcgcccgtc	nccacaccna	ctnttatggg	ggggngnggg	gnnggggaga	180
cggggntttt	accatgtttg	cnncccgng	gtgncncgt	ggtcannnct	gnngaccanc	240
tnttncgggn	canancncnc	cggnctcnnt	atcccnccc	aggncncncg	ncncctnca	300
nnnntgaann	cccnccccc	ctcnancta	acnngnagcc	acngccaant	tcnnntntnn	360
cgtncantt	tnactacact	tnttcnctc	ccntnttcca	ctctnnngnc	ncnnncnncn	420
nggtctnant	ncctncttc	ttntatagac	gntcatcacn	nccaccncca	annttnnctt	480
cancataatc	ncntntancc	tncancncnn	anntacggcc	tcnntctccc	nccctnttc	540
tcacncttan	ttctnctctc	ctctcgcccn	tntnngccn	ncctccnctc	cccctctnaa	600
tnntctnctn	ntctctccct	ntcnnttttc	gntnancacn	catnncatcn	ccaccacctc	660
anctntatct	atnatcttan	cntcctctc	tcctctnctc	atcactgttc	nacnctnct	720
cacancannn	atctcctctc	acannntgct	atcatctana	tctctntctc	ntcntacca	780
nancctntac	aanntcttct	ccctctcnca	tctcncttca	ctctnnncnac	nntnacnct	840
taccgcacgc	ctccnctctc	accttcaactn	ccccactntt	cantntcgnc	ncgncctnn	900
gacctctctt	cncncnatte	cannnntctc	ctctaccna	tnntcnatc	tcnntcatna	960
ctactntntc	anctaccana	ncctnctcnt	cataantccc	ctcgacnntn	ncncacctct	1020
actntgcgcc	cncnnccac	tttctctccc	cnntangtca	cctaccaanc	anntnnatct	1080
ntattctan	tcnantacnt	tacct				1105

<210> 4137
 <211> 784
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(784)
 <223> n = A,T,C or G

<400> 4137						
nmntttntnt	tnttgngnn	gnnnagtngg	gggttttntt	ttttntaan	ngctgcgcta	60
cttgttcttt	ttgcaggcat	cccatncgat	togaattcgg	cacgaggaga	tccaagtgg	120
ttagaagggg	atgattgctg	gtgaaggttc	tgaacatggt	gacagggtgg	aggctgagca	180
cacactcgta	caccgtggc	aggaagagaa	atgacttttc	tggactacaa	tttgagata	240
acacaaacat	taaaaagaag	aaaaaattgt	atcccttttt	gactaagcaa	ttctaggatt	300
gttatttttt	tctcctgagg	aaactagcat	ggatgttcac	attcagggtg	ggggatgttt	360
atcaatttgc	tatttttagaa	aagagaaaaa	aagtttagca	tgtcacaaga	taattttcat	420
caatatatgg	tacatccatt	tagtgaaatg	ctgtacagcc	atttaaaaag	atacagaaga	480
ggccaggcac	ggtggcctta	cttggcta	taaaaaaaa	aaatctgtag	agatggggta	540
tcaccacggt	gcccggtt	gtctcgaacg	cctgggctca	agtgatectc	ccacctcagc	600
ctaccaaaag	cctctagaac	tatagttagt	cgtattacgt	agatccagac	atgataagat	660
acattgatga	gtttggacaa	accacaacta	gaatgcagtg	aaaaaatgc	tttatttgtg	720
aaatttgtga	tgctatttgc	tttattttgt	aaccatttta	agctgnaatc	aaacaagttt	780
ncnn						784

<210> 4138
 <211> 784
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(784)
 <223> n = A,T,C or G

<400> 4138						
ctntntnggt	cctnnnnngnt	ggcttttctaa	tgentaannc	tgntgggtctn	gtntttttcg	60
caggaccat	cgattcgaat	tcggcacgag	gtggtacctt	ggcttttaggt	tttcattegc	120
acggaacacc	ttttggcatg	cttaacttcc	tggtaacacc	ttcacctgca	ttggttttct	180
ttttcttttt	tctttctttt	ntttntntng	agttgttgnt	tgntttttaga	tccacagtac	240
atgagaatcc	ttttttgaca	agccttgga	agctgacact	gnctcttttt	cctnctctta	300

tacgaaggat	gtattttaa	gaatgctggt	cantgggaca	tttngtcaac	tatgggtatt	360
gggtgcttaa	ctgnctaata	ttgccatgtg	aatgttgat	acnattgtaa	ggcttatgtc	420
actaaagatt	tttattctga	ttntttcata	atcaaaggtc	atatgatact	gtatagacaa	480
gctttgtann	gaagtntang	ancancnatt	tctgtacctg	atcaagttta	ttgcancctt	540
tcttttccna	ttntcttct	ttaagggtta	gtattancaa	atggcaatga	gtcnaaaagn	600
tancatgaag	atttttnaan	gagagaactt	accggacaca	gattngtgan	nctttgactg	660
gggacaccta	ttggatgtga	ttcttaaaaa	gcttttnatt	ggagccattt	ngccaaaatt	720
ttgnaaanct	ttcatagggg	gnattggacc	nttattatcc	natnaatncc	ccctcctata	780
ttnc						784

<210> 4139

<211> 778

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(778)

<223> n = A,T,C or G

<400> 4139

tnngnnncnn	nmntgggnt	ttcaatnttt	cnaantgngt	ctngttcttt	nngcaggatc	60
ccatcgattc	gcaaaaagcca	ccttttgttc	gaaactccct	ggagcgacgc	agcgtccgga	120
tgaagcggcc	gtccccaccc	ccacagcctt	cctcggtcaa	gtcgctgcgc	tccgagcgtc	180
tgatccgtac	ctcgctggac	ctggagttag	acctgcaggc	gacaagaacc	tggcacagcc	240
aattgaccca	ggagatctcg	gtgctgaagg	agctcaagga	gcagctggaa	caagccaaga	300
gccacnggga	gaaggagctg	ccacagtggg	tgngtgagga	ccagcgtttc	cgctctgtgc	360
tgangatgct	ggagaagcgg	nagatggacc	gagcggagca	caagggtgag	cttcagacag	420
acaagatgat	ganggcagct	gccaaaggatg	tgcacaggct	ccgangccat	agctgtnagg	480
aaccncaga	ngttcagtct	ttcangaaaa	gctncatgga	gcnaatcctt	ctgcctgatg	540
aagtgcattc	cagcatcact	tcagctgtcg	gggcatttgt	ngggagaacc	agaccacctc	600
tgcggaangc	agcanaccct	tttccagcca	tggatngagt	ttgaattctt	ctataaacng	660
ntcaccatca	naccacccaa	ttcattttcca	ttgctttgcc	tatagaggaa	atttannnaa	720
tcanattnaa	tggtttcact	ttatttnaaa	ancnnnnaac	tctaaaaact	ntggncct	778

<210> 4140

<211> 762

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(762)

<223> n = A,T,C or G

<400> 4140

tggttntctt	gntggggtgt	tccttnttnc	aattatgtgt	tctcgatcnt	gtngcaggag	60
nanncncg	ntggccggtg	tgttgcccag	actggnettc	acctcctggg	ctcaagtgn	120
nctcctccct	cagcctcccc	aagtgctggg	attatagatg	tgagcccctg	caccagacaa	180
ttatattttat	tnntaaaaac	gcccctcatg	aagtctgggt	aattctctcc	agatttctcc	240
ttatcaacaa	atttataaga	gttaggaaaa	aatgatgta	aataaagcac	ttaaattg	300
acagtggntc	tattcttaac	atnataatgc	ttatgactaa	ggagcattct	tntnntata	360
aannaaatgt	ntnctgnact	gttagantac	ataggggtca	gagacnttat	nagtntgtaa	420
gaatgcnttg	tggattntnc	taannnatca	cctacagtaa	tgggctatgg	ctaaccacct	480
ttnacaaaa	ngaggnncac	anatgaaatt	ccagttanag	atcataangg	tgtctg	540
gaccntagt	nattncctnn	cgattacnng	cgcnaaat	aacgatganc	tnn	600
nnagntttgg	annatttnng	ctnaaatgct	ctcctggaca	ctaccatact	tagcatatnc	660
ctgggaaata	ctaaccgaat	aatatncctt	taaaacaccc	cggcctcaac	agataagatc	720
tatgatctaa	cgtttnattc	ttttcacaca	ttattattaa	tn		762

<210> 4141

<211> 860
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(860)
 <223> n = A,T,C or G

<400> 4141
 tgggttnnng gnttggggtt ttcaantttt gctaanagct gggctactng ttctttncgc 60
 aggancccat cgattcgctt ttctttgcag tatgaaggta gataattctt caagttaaag 120
 atggactttt ttcaccagaa atggctttat ggaatcaatt tgcaaaaatg taagaggtagg 180
 caaaggaaag aataaaataa tattttcatt ttcttctgtt attccttagat cctttggtag 240
 attgtaaact ccatgaaagc aggatacctt cttttgccct aaggcttggc ccaaaagaga 300
 taccaaaaaa atacttgctt atatactaac ctagtctctg ggtgtgggag ccatagaggg 360
 ttcanngtgg ggtggtgggg aagggtgngg nnttncgtat atccgaaatg ttncctcatn 420
 naangnattt nnagcaagtt tangaangan ttttgctnaa tgaaatngnc anagaacat 480
 naanttncat anatgccnat gcctnaaagc ngccttttga agctttatct taangntctc 540
 acccttcata acnncctaac gnatnacnntn tttccttanc tttggnattn natannnaac 600
 atangctcnn cgtttattca anantccana acctnggng gcnnntatan ttncctcctn 660
 nccnaacct ttggaaantt naancctggn ncnttttnc atttctcctc ttttttanca 720
 natanatann ncnntcnntc ttentntana nntnnnctcn nnnnncnctc cntncnntcn 780
 cttttntntn ncanntnct cntcntannn ntttncntnn acannctnnc tantnnntn 840
 ngnntnctcc ntttntntnc 860

<210> 4142
 <211> 762
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(762)
 <223> n = A,T,C or G

<400> 4142
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 gcancaancn ngcngntcga attcggcacg agaagggaga ggcagtagga ctaggagtta 120
 aattgtcatg ccgaggtctc tgagcatggg tgggcctgtc agaattgtca tcgctcactc 180
 tgttgacttc cagcagctga caggcaaggc cctaggaagc tcttcagcct cctttccttg 240
 ctagaggtgc tgttttccct ggaaatgttc aagccctgca aatcgtttct atagtaacag 300
 gtctctgtct tttttcttat gatgcagatt tttgaaaagg tttcttatct aaatggtctt 360
 gggatctatg gtcttcctac ctgtagctcc tttgattaga cagagccttt atttaaagac 420
 ttttcccccc aagaatgttg ntgttgcttc taccaaaata ataaccantn gntagtttta 480
 ctagtgcttg aagttntagt ttattaataa agcttcatnt naactatnaa aaggantggg 540
 tngntacnaa tagtaatacc ngaaaaaact aatattcact gntnctctca tgtattngnn 600
 aactttaatt ntnnattatg naaaaccttc aaacataana gtagtcaaaa ttatataata 660
 gacacctata tacttaccac ctanattgaa aactaacatt cttgccatat tggentacnc 720
 tattccatac tgatagtaaa ncntagacca tgtatttaca nn 762

<210> 4143
 <211> 783
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(783)
 <223> n = A,T,C or G

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<400> 4143
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aaggactcag caagactttg ctggctttga agatggaaga atgtggccaa aagcctaggg      120
atgaatatgg cttctagaat ctataataaa caaggaaaca ttatttccca gagcctctag      180
aaggactgcg ttttgccttt gcctcggttt tagcccgta agaccattt tagacttctg      240
atctttggaa ttgtagggtt atgcatttat attattttaa gccactaatt tctggtaatt      300
tgttacagca gccgtaggaa attaacatgt aggaaaataa acgtttcaat gccaggtat      360
actctgaggt caagccagag aagagttggg cagagacttc aaaaacgatg aaggaggggt      420
taggaaggtc ctagcatcag tggaatagaa taaaattact cttattaaga ggggaacctn      480
accnttagng ganaaatnct gnaaatgggt ctgagacaaa atgcnttana gcactggttg      540
ctagaaaaat caaacatagg agatttagga anatggangc ttgcaatgaa ttatgattgc      600
atcactatat ttcanccctc atccctgtct tccagaaaaa aaaaaaatng gggatttnaa      660
aggtttattg gtntctaang gccagcccnt ttgaaaaanc cattggtttt tggnaagga      720
aaaagggccca atttaaaang ggacctgtnt tngtaccagg ctttgttga tttgggaaaa      780
aaa

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```

<210> 4144
<211> 1063
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(1063)
<223> n = A,T,C or G

```

```

<400> 4144
nccccntnnn naaggggggg tggggggtct caactngcta ggggtgtgna cnnnaactn      60
gccnaaaaga aggntggggc natcngcac gagntgacgg ngcgggntcg ggntttgntg      120
nttgnanaaa nccttcnat atctccagtg cggganncac tatctggtat ctctattgac      180
ctacgggang ctttccnag tcantcgcta cncactgna ctangngana ccacgcnacn      240
ntacncttan atnctcnng cacatctgaa ntcacnnga ngnttagtnc gcagcgnccg      300
nntccacann ccngatcac gcgcctcnt nncnaananc atannctcac ttgntgttnc      360
nccgnntann ttangttngn ccnaaaciaa ncttacnncn ttntcagnan nactccacct      420
cttccnccga aactnnncnn acngnncatn nnanccngct tcnngcnnct ncnnnnnngc      480
ngnccanmt nntnaatngc cntcnctca acacgcccaa accttacnta tatncttttn      540
accacncttn ncnanccct ctaccncccg anctctegtt nccccatnt cnanttctnc      600
tctcnacn cnccntctc ncnncctca tccccccnt naatngnnc tncatncac      660
nacnttgnat gacntcttct cncnctacc naccnctct ccaactncnt ctggcaaaaan      720
mtcctcnctn ttcatatact antnmtatc tncctntgn acnntcttnc ngncgcaaaa      780
ntcanctcct acacnnnaca cntnncnctc ncgctngcac ctatctactc aactnctatg      840
cactcatcgn nnncaanac tncctcnca aactctntnc nactncnca nancccccca      900
cnanacana ngcgnaana caccnncaca nanggcgata cncttatnac nctcngancn      960
nanatcnctn ctctacnnc nancatncac gtntctcnct atcatcngcg ntcnncnaac      1020
tcagcagttt annacnccat actnncnca ngggctcaan tat      1063

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```

<210> 4145
<211> 996
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(996)
<223> n = A,T,C or G

```

```

<400> 4145
gcntcttgna annttttctt aatgctggtt ttgctacgga aacccttggc aaatccggca      60
cgagcttctt gtgccagggg accgtggaga aagtgtcagg ggccgctcac tgcagcantt      120
ttgctctgct gcctnccng gcagcgtntc gngggtncta caccaaaaana gctgggtgtn      180
cngggcgggg gcttgnaatc ccanatactg nangangctg aagctgcatt atcgcttnaa      240

```


ccnggggggn	'acgangangc	canggagnca	aaatgggggc	tnttaganca	aaactttgtg	300
tcanaaaaan	aatgaataat	nanacaagaa	aatggganaa	gccccataa	cttacnnngt	360
ntctcntggc	cnaangcaaa	aactccactt	gnaaagccan	ganaaaacgg	ggnaananca	420
aaacaaanct	atcacntgga	ccnnnaaaca	naaanccaaa	ggattnnct	tccccnaaat	480
tggantnaag	attcaatgga	catggnacnn	aaaaatncag	nggtaccgga	actccngana	540
ngcnntacag	gttgcncaaa	aangaaaccn	naaaanncgg	ggagngnttn	attaaagggg	600
ggnatttncg	cncantttaa	agggaaaggg	ccaccaagn	attnagncac	aacacnntgt	660
tgacgggaan	tccattntnn	gcgaganaaa	nggntgntac	atccccatt	ntanaaaang	720
gcctnnaaaa	aaanatnttt	nnaaccncac	naaatcnttt	ancactaggg	gatttcnaaa	780
aantagccnn	nnnaatatn	gggggaaaa	aaaancgatn	nnaganatca	tacncngaaa	840
aaccnngggg	tnattngana	ancaccnttt	nnaagntann	ggggcatngc	ancncaaagg	900
gngcantaaa	nanatagncn	ganagnacat	tanaaccct	tggtganaaa	aaccccaagn	960
angncccaa	anaggattgg	ctnnaaaaa	aaaang			996

<210> 4146

<211> 783

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(783)

<223> n = A,T,C or G

<400> 4146

ttnaagctna	gctacttggt	ctttttgcag	gatcccatcg	attcgaattc	ggcacgagct	60
aagcccaaaa	acgaacttca	aactgggtgt	ggtggcacgt	gcctttagtc	ccagctaccc	120
gggaggctgc	ggcaagagga	ttgcttgagc	ccaggagtgc	gagtccaacc	tgggcaaaag	180
agtgaagccc	catctctaaa	acaaaaaagg	taccttagaa	ggcacctgg	ttggctaacc	240
ttttaaaggc	aggggcgtga	cacgtaggac	acattgggaa	tgtcttggt	actacatgta	300
gccttctggg	atataatgtc	ccagagggag	aagcactgag	cctgaagaaa	ctagatgagt	360
ctcagaacca	cagaccggcc	agaaatctct	cccaccatta	tatcagcgtg	atacaggtct	420
acatteatnt	ctacaacag	gaacaagttc	cttgcagcaa	taatttantt	tattaacttg	480
gnttttttaa	ttnacccttc	cttttgaggt	taantttcat	cacattatgt	tcaaanattc	540
ccatatnttc	cgtaaaaatta	ccagcttaat	tacangggca	tttggtccca	ttgggttant	600
tnaaaaaatca	ggangtttat	ttaaaaaatn	cctgagttct	ttaagggcct	ggctttaacc	660
ttttcaantt	tccacctggg	ccttgtnaaa	aaccagttca	agcttggaag	accaaagttc	720
tttnatttgg	ngggtcantt	tcttgncaac	ttttttggac	tttgannccc	ttggacanna	780
ctt						783

<210> 4147

<211> 825

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(825)

<223> n = A,T,C or G

<400> 4147

ggntnttnaa	acnnnagctc	tngttctttt	tgcaggatcc	catcgattcg	cccgaagca	60
tccaggatgt	gggaacattg	tgacatttgc	acaattttta	tttattgctg	tgggaaggctt	120
cctctttgaa	gctgatttgg	gaaggaagcc	accagctatc	ccaataaggg	ttctctaat	180
gccaaatga	ttctaggaat	tatcattttg	aagaaaagat	acagtatatt	caaataatcc	240
tccattgccc	tggtgtctgt	ggggatat	atttgcactt	ttatgtcagc	aaagcagggtg	300
acttcccagt	ccagcttgag	tgagaatgat	ggattccagg	catttgtgtg	gtgggtacta	360
ggtattgggg	cattgacttt	tgctcttctg	atgtcagcaa	ggatggggat	attccaagag	420
actctctaca	aacgatttgg	gaaacactcc	aaggaggcct	ttggtttata	aatcaacccc	480
tttccaat	tccgggttcc	gentnnttgg	gnttncggaa	tttnttnac	ccatgccant	540
tcttattcaa	ataaagtcct	gaagttat	tgnaaattcc	ccgntcattc	ggggaaatgg	600

accccttgcc	ccaatcaatn	gtggggnttc	ttaacccttc	cttnattgga	aaccattnat	660
tcnacctcaa	aacccccctt	tnaaccnctt	gnngccaact	tggttgggc	accttggttt	720
gggctttcaa	ttggggaacc	tttaatgggt	ccaccnnaag	gtgttgggaa	caaccctagg	780
ggacccccca	aaaaagtgga	gccctcanaa	nggacancca	tnaat		825

<210> 4148
 <211> 792
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(792)
 <223> n = A,T,C or G

<400> 4148						
tttnaaancg	ttagctctng	ttctttttgc	aggatcccat	cgattcgaat	tcggcacgag	60
acaccctgga	ctcctgcagg	ggaggacaca	cggaggtgga	caactgcaga	tacacttact	120
cggagtggca	cagttttact	cagccccgtc	ttggtgaagt	gagttttcct	aagtggccta	180
caaatctatt	ttaattttct	ttaaacttta	taaataacta	actggattct	gactataatt	240
ttcaattaat	tatgaatcta	ctaattctac	taattgaaag	ctattatttt	tcctcaattt	300
taatttagtt	atgttcagat	ttaagtgggt	atttacttcc	cctcctattt	ttttaattga	360
aagaattact	aaataatgtg	tgatgagatt	taaattactg	tctcatggct	ttgtgctaatt	420
atttcccatc	tgacaacttg	taccttagaa	acaaaaaatg	tggtaccagc	aanaccacgc	480
attgtncctt	tacttttgnt	nnntntnggg	aaanaaaact	gacccccatt	tttaatttgg	540
ccttcaantt	taaatggggg	tgcnatgntn	actttttcag	cttaaaaant	tttgaaaagg	600
naaaagtant	ggactttttt	tanaaatgga	acaccctggt	attacttgct	ggccacatgc	660
cgtggacttt	ttannaaaca	tgcttntact	ggaaatttat	antgggtgaat	ggtttgaaac	720
cggacccant	cttgtgcatt	ttttatgggt	ttgggaatnc	cntttgangg	ncacactttt	780
gttaaaaatn	aa					792

<210> 4149
 <211> 802
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(802)
 <223> n = A,T,C or G

<400> 4149						
tnnntttcaa	atncnaggct	actngttcct	tttgcaggat	cccatcgatt	cgaattcggc	60
acgagngnag	ctcancnnat	gtatnttgnc	acttgggagc	atcatctttt	caagggccac	120
tttgaggtga	aatggntntt	ttacatactn	agcatcaatt	tggnccataa	atcaggagac	180
attcaccctt	ctccacccca	atttccaaca	tccccctcct	tnagagagag	gcactntnga	240
anccactgag	cccnatagcc	ctaggggcta	naccactatt	ncaaaaanga	agacttttct	300
atnactatga	canacaccca	nnctggantc	ctctgcctgn	actnaaagct	ctaaccacca	360
cctntttttc	cagtgcacaa	ccttntactc	actaaaaatt	tctntccact	caaactagcc	420
tgatgccct	tccctgaacg	gggcttgtgt	nttcccatta	gctcaacttt	gcttacatgc	480
ccaggttnaa	aacccenttt	cnncaggcca	gacaaaatgc	ntnantnttt	tcnnacacgt	540
aaaatgaaag	gctcttgngg	tnctntaaaa	ggcctcttan	aaactattgn	ggagtcnttt	600
ttnccgtttg	aatccanact	tggaattanga	ttccattgga	tgaaattttg	gnacaaaacc	660
ncnaactttn	naatgccnnt	ngaaaaaaaa	atggctttta	tttggggaaa	atgttgggaa	720
ngcttnttgg	ctttaatttn	gnaacctttt	ttaagctgcn	attnaacaan	ttaaccaanc	780
accantggca	ttctnttttg	nn				802

<210> 4150
 <211> 788
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(788)
 <223> n = A,T,C or G

<400> 4150
 ttntttcaaa tcgctaggct actcgttctt tttgcaggat cccatcgatt cggaaccttt 60
 gaatagtggg tgtacataca gtttttcaga gctgggtgtt aataacaata tttttcattc 120
 taatattaca ttattctttt tatcatttag gtctttatcc gtcagtgttt ttagagaact 180
 actgcacttg accacaaact gataaatact tgggtactgcc ccatctcact gttctgttta 240
 ctttgtctta aatatctctt ttttttttcc caggcagcta gtacaccact gaatccttta 300
 agctttcagt gtgaatttgt aaaactcagg attgaccttt tacaagcctt ctctcaactt 360
 atctgtactt gtaatagcct gaagacaagc ccaccacctg caattgccac aacaattgcc 420
 atgaccttag gaaatgacct ccagaggtgt ggtccgcata tccaatcagg catgtcttaa 480
 ctttnagtgc attttttatt tanccctttt aaaggntttt caaattttan natgaaaagt 540
 ttgnaaaatt tnaaaatcag ngggtttgaa ctcanaacat ttttcataaa atgtttaatt 600
 cactcaactn gncnngcctt aaaaaaatag gctggatggg gttattanga aaagataaag 660
 tgggttcatg gtaatctcaa tggggggcta ccataattta ttttaaagag aaanggnrng 720
 atttttttaa aaaccttga naangtttat aacttaaatt ntttnatngg aacttgaaaa 780
 ccctaaan 788

<210> 4151
 <211> 746
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(746)
 <223> n = A,T,C or G

<400> 4151
 tggnnccnna agccctttgc nacttntct ttttgcagga tcccatcgat tcgaattcgg 60
 cagcaggagt tcaactgcaa catccgggca ctttcaaagc agatgggtctg gtgcagccgt 120
 cctcgtagca agagagggc cgtgggtgtg gcctgggaaa ggcggctgat ggtgggtggc 180
 gatgcaccgc agagcatcca gtttgtctg gatgaggact cctacctggt gcctgagctc 240
 gatgggggtcc gcattctctc ccgcagcacc cagcagttcc tgcattgagt tccagcggcc 300
 agcagaggaaa tcttcaaaat tgcttcaatg gccccgggg cgctgctcct ggaggctcag 360
 aaggagtatg agaaagagag ccagaaggcg gacgagtacc tgcgggagat ccaggagctg 420
 ggccagctga cccaggccgt gcagcantgc attgaggctn caagacatna nccccaccn 480
 gactncccaa aaaattntgn tcanggcccg cttcttttgg aaagggtttc ctggacagat 540
 ttccaccgca aaagcttctn gcacattgtg tcaaggacct gcgtgtgctc aatgctgttc 600
 gggactntca cattngggat ccggttacct attgccaatn taacagggtta cttcaagt 660
 ctgctggaaa gctctgttgc ggaaatttac ccctggcatc caatttccaa tntcgnctt 720
 ctaatcaggc ttacnggact ggccct 746

<210> 4152
 <211> 742
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(742)
 <223> n = A,T,C or G

<400> 4152
 gnnntttnan natacagctc ttgttctttt tgcaggatcc catcgattcg aattcggcac 60
 gaggcaaagt tccattttgt tgatctcgca ggatctgaaa gactgaagcg tactggagct 120
 acaggcgaga gggcaaaaga aggcatttct atcaactgtg gacttttggc acttggaact 180

gtaataagtg	ccttgggaga	caagagcaag	agggccacac	atgtccccta	tagagattcc	240
aagctaacaa	gactactaca	ggattccctc	gggggtaata	gccaaacaat	catgatagca	300
tgtgtcagcc	cttcagacag	agactttatg	gaaacgttaa	acaccctgaa	atacgccaat	360
cgagctagaa	atatcaagaa	taagggtgatg	gtcaatcagg	acagagctag	tcagcaaadc	420
aatgcacttc	gtagtgaat	cacacgactt	cagatggagc	tcatggagta	caaaacangg	480
taaagnatta	nttgccaaaa	aggtgtggaa	agcmtcattg	acatgttcat	ganaatgcta	540
tgctacagac	tgaaaaataat	aacctgcgtg	taaaattaaa	gcctgcaaga	nacngttgat	600
gcattgaggt	ccagaattac	acacttgcta	gtgatcaggc	caccatgttc	ttgccaaaca	660
ggtgaaggaa	tgaggagatt	agtaattgat	catagttttt	aaagaatcga	aatctaggca	720
aatttngaag	tgaaccngat	ta				742

<210> 4153

<211> 742

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(742)

<223> n = A,T,C or G

<400> 4153

gnmnttttnan	natacagctc	ttgttctttt	tgcaggatcc	catcgattcg	aattcggcac	60
gaggcaaaagt	tccattttgt	tgatctcgca	ggatctgaaa	gactgaagcg	tactggagct	120
acaggcgaga	gggcaaaaaga	aggcatttct	atcaactgtg	gacttttggc	acttggcaat	180
gtaataagtg	ccttgggaga	caagagcaag	agggccacac	atgtccccta	tagagattcc	240
aagctaacaa	gactactaca	ggattccctc	gggggtaata	gccaaacaat	catgatagca	300
tgtgtcagcc	cttcagacag	agactttatg	gaaacgttaa	acaccctgaa	atacgccaat	360
cgagctagaa	atatcaagaa	taagggtgatg	gtcaatcagg	acagagctag	tcagcaaadc	420
aatgcacttc	gtagtgaat	cacacgactt	cagatggagc	tcatggagta	caaaacangg	480
taaagnatta	nttgccaaaa	aggtgtggaa	agcmtcattg	acatgttcat	ganaatgcta	540
tgctacagac	tgaaaaataat	aacctgcgtg	taaaattaaa	gcctgcaaga	nacngttgat	600
gcattgaggt	ccagaattac	acacttgcta	gtgatcaggc	caccatgttc	ttgccaaaca	660
ggtgaaggaa	tgaggagatt	agtaattgat	catagttttt	aaagaatcga	aatctaggca	720
aatttngaag	tgaaccngat	ta				742

<210> 4154

<211> 754

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(754)

<223> n = A,T,C or G

<400> 4154

gnmnttttnag	ntacagctct	tggttctttt	gcaggatccc	atcgattcga	attcggcacg	60
aggcaaaagt	ccattttgtt	gatctctcgag	gatctgaaag	actgaagcgt	actggagcta	120
caggcgagag	ggcaaaaaga	ggcatttcta	tcaactgtgg	acttttggca	cttggcaatg	180
taataagtg	cttgggagac	aagagcaaga	gggccacaca	tgtcccctat	agagattcca	240
agctaacaag	actactacag	gattccctcg	ggggtaatag	ccaaacaatc	atgatagcat	300
gtgtcagccc	ttcagacaga	gactttatgg	aaacgttaaa	caccctgaaa	tacgccaatc	360
gagctagaaa	tatcaagaat	aagggtgatgg	tcaatcagga	cagagctagt	cagcaaatca	420
atgcacttcg	tagtgaatc	acacgacttc	agatggagct	catggagtn	caaacagggt	480
aaagaattan	ttncnnaaaa	ggggtttggg	aagcttcatt	gacatgttca	tganaatgct	540
atgctacaga	ctgaaaataa	tacctgcgtg	taagaattaa	agccatgcaa	ganacgggtg	600
atgcattgag	gtccagaatt	ncacacttgt	tagtgatcag	gccaccatgt	tcttgccana	660
cangtgaagg	aaatgaggag	attagtaata	tgatcatagt	nttttaaaga	aatcgaagat	720
ctcanggcaa	attttttagaa	gtgaacctag	atga			754

<210> 4155
 <211> 773
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(773)
 <223> n = A,T,C or G

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<400> 4155
gnnnnnnttt nngagggggn tttggggggt tttcnaattt ttctancgng tgagganctc      60
gaactnnccn aaanaaanan gcgggtcgaa ttccggcacga gatttgattt aaaaaaggag      120
aaatgttcac actcagtcta gaccacttag gtatgcagag ttgcatcctg aaagcaattg      180
ctcacacttt ccttaatata ctccctntcc acctttgcaa aaccttgatt ggcattggagc      240
ctcnactgct tgcattgtat acacatgtaa taagaaagca ttaaattctt tggaaattag      300
gaattgacaa gataaataga taaggcataa agccaatttt tcacacatgt ccttaggctc      360
ttgtaaatgt gtgcctggtg ctgctttgac ttncagggtc cgggagggtt tctctttctc      420
tcttntccca angtgaggct ggcaagctat cagnctctcc agagcaaaga gaaatggcag      480
gagaattgac tgcgtgaacc ccacagggcc ggtagtggaa aaataaatgt ctaaattgaa      540
agggtcacac tngtgtanat ggtgactgtc ntgcttgcan cagctgagga caccgactgn      600
gtgtagcgag tgcctgctt ttcattgtca catctggctn aataaagaan tcacgaagca      660
nacctngcct tggctnaaac cctntgngct ggacacaaat gactttgatt ncaaactcaa      720
gtccttggnn ntgtcacaaa ggacnaaccg ctggctggga caaaanccta cna              773
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<210> 4156
 <211> 773
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(773)
 <223> n = A,T,C or G

```
<400> 4156
gnnnnttttn nnnnttttnn nnnngttntt gaccanaggt aanacnnngg gaattnctct      60
ttctgcagga tcccntcgat tcgaattcgg caggaggcag aaacaatagt caggagtttg      120
agattnggct gattaacatg gtgaaacccc gtctctacta aaaatacaaa aattagctgg      180
gtgtggtggc ggggtgcttg aatcccagtt actcaggagg ctgagggtgc attatcgctt      240
taacctgggg ggcgagggtt gcagtggccc aagatggggg caataagagc aaaactttgt      300
ctcaaaaaaa aataaataaa taaaaaataa aatatgtcaa gccccttctc ttcctgtctc      360
ctctcgtggt gtgtacttga ctccccttct cgccagatct cacaggactt tcagatttaa      420
gcaataacctg gccaaagaaac aaaagcaaaa tcattccatt ccccagtggt attcagatca      480
aaactggtaa taaaatcagg tcgactccaa aaggagacat tggagaagaa cgaagcgggg      540
tctataagga attgcacgtg agatggcaca catatttatg ctgtgtgagc attacaatcg      600
cgttaccata tcaagctgaa aatgtcacca ctatctggag tgttggaat gtttattggg      660
aatatgtntt ttctctgaat ctgctatgaa cagctnaatt ggggtgggtc aataataaat      720
atgtgagact tttcatttca aaataaaaaa ggcaaatgat gtaaaaaaaa aat              773
```

<210> 4157
 <211> 809
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(809)
 <223> n = A,T,C or G

<400> 4157

cnaanttttc	taatgctgnt	tctatncngn	atnctnggct	anccnacnac	nnnggatncn	60
aattggcacg	aggcttcatg	agagactgac	ngctatnacg	ggcgtggca	cttaangagg	120
actnttctgg	ccccagngtg	tgctgatgac	acatacacac	ctgacaatag	ctngngtntn	180
ctctgnncct	ttnnctctgt	naccancatn	cacnngatct	aaaacccttt	ctnaatatct	240
atcntggntc	atccttggcc	atgcagngtc	agagctntat	gnacttnatt	acncttnncc	300
ttngaacttn	tnntnagnta	cngataangn	gctatctttc	agctggatga	tnaacgnttt	360
nntctgtacg	nacatggacg	atgntttcct	caaacctcta	naactataga	ccagtcactg	420
ntacntntan	ccagacatga	ttnnatacat	cnatgagtna	gnacaaacca	caactanaat	480
gctgtgaaaa	aaatgctgna	tntgatnaaa	tatgaaatgc	tatcgctata	ttnccttcnn	540
catangcngc	ngtnntcatt	tagcaacaac	aattgcatcc	attaaaaatn	ttttaaggna	600
cantttggan	ngtcccccaa	tnttggngaa	atncnanggc	cccaaatgc	cangtgcct	660
tananacccc	ggggacccca	accttttnga	aaagcgttnc	acaanaaggg	gtnaaagtt	720
nanncgcctt	ggccnnnaaa	anaaacnggg	naataacctn	ggtaaacct	gnnntttnaa	780
actnggggnt	ttncnnnttn	aaaaaaaa				809

<210> 4158

<211> 834

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(834)

<223> n = A,T,C or G

<400> 4158

ctaanaagttt	cntaatgctt	ncttctaata	ncntaattac	tcaggnggct	cnannnaaca	60
ggcgntgngg	ncntcaccg	actcctccct	ggtncacang	cttntgnggg	gccaccaagc	120
ccctnctgng	ccccctccca	tccatantgc	atggcgnttg	gngccccct	ggctccaaga	180
cagatcangc	ccnancttgc	ntctaccnnn	atnccnctg	anaacgtgcc	actgaatnaa	240
ntntgggaaa	ccagaaaaga	tatacattaa	tttaagaatc	atttactatt	taaatgagac	300
aatcaatatt	attnnagaan	cannnatccc	aaatgagaca	atcatnntta	anttncaaga	360
tancagaagt	gaccaatgtc	attnnacaac	acctanaaga	tnnactggtn	nntcaggtaa	420
angtagantt	ttactganaa	ncctgnatgn	atttgacttg	tgcttttgta	ncnntnntnt	480
nccttacttn	tttngnttcc	catancctan	taannatgca	ttactttnac	tggatataag	540
nnnatccctt	naaaagggtc	tttctnttag	ctntacaggt	nnacaatnat	nnctggngctc	600
ttgacncatt	tgnaacttan	ntnccctann	gcttttnagt	ataantttcn	aaancnnggc	660
cntttagctt	ttncntnagg	ncanttnacc	cccttnttaa	aaaaangnnt	anttncngcc	720
nnaaatttgg	ncntgaatct	ttctccannn	tcggcttttc	cantattttt	ataaagccnt	780
gganagggnc	ncaaantggg	tttggngctta	anttccttat	atacttanct	cncg	834

<210> 4159

<211> 814

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(814)

<223> n = A,T,C or G

<400> 4159

nnccctttgg	aacctcacng	aaanccttcc	ttctaattct	ggcacgcttg	ganatcgaac	60
tnhctcnaaa	nanatngggt	tgnggcctgg	ggcccttcta	gcctgagctg	gtgacctggg	120
catctgcacc	ctaaccaccg	ctgaccgagt	cagatctttg	tccagtgttc	tgaagatcaa	180
atgcctgtcc	cttttgcaat	ataacaccag	ctgcttttag	tccacagcct	ctgacatgcg	240
atttgaagac	acgttttatg	gagcagacat	tatccaaggg	gagagaaaaga	gacaaagagt	300
gctgagctcc	aggtttaaga	atgaatatgt	ggccgaccct	gtataccgca	cttttttgaa	360
gagctctttc	canaagaagt	gccanaagag	acagtagtct	gcatacatcg	ctgcaggcca	420
cagagcactt	gggttggaag	agagaagatg	aaagggacat	ccttggggct	gtgcccgtga	480
gttttgctgg	cataggtgac	agggtgtgtc	tcttgacagt	ggtaaatcgg	gttttcagag	540

tttggtcacc	aaaaatccaa	aataccccca	atgaaattgg	acgcagcaat	cttgaaatca	600
tctctaagct	ttgctttcac	tttgtgaacn	agttgncctt	ctattgatcc	caaaagaaag	660
ttttctaagt	taaaaggaaa	ttcctangtg	aatcaacccc	acnagggaaa	aaccctcttg	720
ccacaataag	gaaggccggg	ttcccccttg	gtgccngggt	taangggccc	cntgtaangg	780
naaacacnac	cggggnacct	tttttttttn	taat			814

<210> 4160

<211> 775

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(775)

<223> n = A,T,C or G

<400> 4160

tnnnnttttg	aaanntttcc	taatgcantn	gngaaacttc	tnaaaccntg	gcaatngctc	60
ttttctgcagg	cagcccagcg	atncgaattc	ggcacgaggt	tagagtaagt	aaagatatng	120
ttaagaaaag	tacttaaatc	caagaaagag	agtcaacaaa	tatttatacc	attctctcat	180
taagtgcacac	tggttccata	aatttaaaga	cagcggttca	cccatactca	tggnntngca	240
ttccatggnt	tcagttacca	cagtcagcct	ctgtctgaaa	atattacatg	gaaaattcca	300
gaaataaaca	attcataagt	tttaagttgc	atgccgttct	gagtagcttg	atgaaatcct	360
acaccatccc	cctccatcca	ggctagtaca	tgactcatcc	cctngtccag	catatccaac	420
actgncatag	ctaccgcccc	attagtcact	tagtagccaa	ctcggttatc	agatcgactg	480
tcatggnatc	atagtgcctg	ngttcaggta	acctttatct	tacttaatag	tgaccccaaa	540
tgcaagaatg	acataatggt	ataacnggnc	tattnnatca	ttaggnaatg	gnantagnct	600
cttactgggc	ctaaattata	aattaaatcn	atcatgggca	tatatattaga	ggaaaaaacc	660
atgggggacg	taggggtngg	nccnatnngg	gggtcaaaan	atccactggg	aagnctnaaa	720
aacatanggn	ccngaggaaa	aggaangagn	cccggaaacc	ttnaattntn	cttaa	775

<210> 4161

<211> 817

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(817)

<223> n = A,T,C or G

<400> 4161

gtnnnctttc	taatggcttg	gctactcgcc	ttctaantnt	ctaantcttg	gcnactcggt	60
ctttctnanc	gnaccnntcg	ttncgaattc	ggcacgaggg	aagggaaggt	taaggaagag	120
actgtggaca	gagtggttag	ggaaggtgtc	agagaaggtt	aaggagccaa	catggatcat	180
gggggtggta	cagtgttgcc	agggctgggg	aggattggct	gcagtgtggg	gtaccagacc	240
gctgccatgt	ggagagggac	ctgtcactcc	tgctgtgaac	tctcccttct	tctgcccctc	300
gacctcctgc	tggtgcctcc	cattggctaa	acacagttga	tggccagtgc	actggggagc	360
tgttcttgga	gcccacaggc	atctgcttct	tggcacagag	cagacaatgg	attgagtcen	420
ggaggggaagg	gaactagaga	atacccaagt	cccaacccca	ngcgtttgct	gaatgtgtct	480
aatcttctct	ttctacaaac	ccatctgacc	tctnccccct	ctctccacgc	caagctaggt	540
cccaattctt	cctcaagctc	cactccttcc	acctgtgaat	cttttntatc	accctnccct	600
cctnaacacc	ttgggtccgg	ctttacaagn	ttcctntccc	gngacttagc	cctttccccn	660
accttttgcc	aancaaattt	tacttcttta	aaaaaagggtg	gcttgggaanc	ctaaaagaca	720
ttantccaan	ggttaaaggc	ctcccttttt	ccttttatcc	ccaaatcaaa	aaccctttta	780
aggctctttt	ttcattcaaa	attttaaaaa	ccccnct			817

<210> 4162

<211> 871

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(871)
 <223> n = A,T,C or G

<400> 4162
 ttttcccnaa annngcntng gctacnctgc tttcaaaatn ttcanatccc ttggcaactc 60
 gccncnnnac gcacaagaan tntgngttgg cgttcttgag gagctnagcc ttcgctcctn 120
 aggatcacag gcttncatgt tgaagctggc agtgctagag gctannncct atctgngtga 180
 cagcatttna natntancag gaccgacttt gangttnecc aatatntata ggcannctgt 240
 aaatcatnac accgtntgcn atanctctct tcannctctg tctnnctctt ntaactgnag 300
 caaaagtctt ttctcangca acaacnttcn tnntatcctn agnagnncnat actgtgttcc 360
 tnnncatgtt cggcgaacgc tattacgnct gactncacnc acncacntga catngaccen 420
 tatnncaaac nngntangga aaagctanat gtctgnangn tgctnnncngc ttgangantg 480
 ctaanagcnc tttagancat ccattanctt tctnnangct tgangtttta nggctnatan 540
 nnctntggaa nttangtatt ctgggnatga ccttncatng cttntnanac tattnaatcc 600
 agacctgan cmttannctt ggaangtncc ncancnnaan nantatcctt ggggaacngg 660
 nggtactgna ctntngatca anccnaanan ntgggnantga nccanttggn aaattgaatc 720
 cntaatctc ccttgggcaa cnnannggng gcttgcttna aananntgga accnnannat 780
 gcccgtcaaa ncttccctaa ttancctngg tanactgcna ctggcanntc tnnatanggc 840
 naattccana agnnttgant nttattcacc c 871

<210> 4163
 <211> 829
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(829)
 <223> n = A,T,C or G

<400> 4163
 tttctaaatg gcttgggnnn cnncttgac caccgaaaac gnttggcaac ttntctcttc 60
 tgcangancc catcgattcg aattcggcac gagataattt ttttagtttg tttttgagac 120
 tnctctgtca cccaggctga gtacagtggc atgatcatgg ctacacagcag cctctcaacc 180
 tccctgggct caggtgatcc tcccacctca gcctcctgag tagctggtac cacagggtgtg 240
 tacctgggta attttttggg gtttcttata gaggcaggat ctcttatgt taccacacacc 300
 ggtctcaaac ttctggactt taggaatcct cctgccccgg cctctcaaag ggctggacag 360
 gtgtgagcca ccaggcctgg ccccaagctt gtacagcagc atctgccccca ttatacctct 420
 ggcaactcagg cagtgatgcc tcttggccct ctggcaaagg gagcacactt ccgttagttt 480
 tgtatttgta tggactttta tacctatgac gtttctgggt ctgntaatct tgtttttccg 540
 actgattgaa actttcatct ctggtatcaa ttggtgnggt ttcttagaaa aaagcttgtg 600
 gtgaaagggg ggcaaaaaaa aagaaaccaa ngttctgaaa gttcacctct ttgaattgca 660
 acccacctt ggtanaaaga atgggaatca atnggaatgc cttggccnaa tttttgnanc 720
 cmtttttttt ggcaaagnaa aangggatcc aaaaagtgga aaccgggaaa aaanccttgg 780
 ggnaaacctt ttgggtnggg aaanggggtt gggtngnacc caattccna 829

<210> 4164
 <211> 797
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(797)
 <223> n = A,T,C or G

<400> 4164
 tcncccttc caaaaagcnt tgggnnnnngn ncntttctaac tttccnaata cntgggcaac 60

tcgctctttc	tncangcagc	nnntcgttgg	cgaattcggc	acgagacttt	caacatttca	120
tggatagaat	aagtaatggt	gggttagaag	aaggaaaacc	tgttgatcta	gttcttagct	180
gtgtggacaa	ttttgaagct	cgaatgacaa	taaatacagc	ttgtaatgaa	cttggacaaa	240
catggatgga	atctgggggc	agtgaaaatg	cagtttcagg	gcatatacag	cttataattc	300
ctggagaatc	tgcttgtttt	gcgtgtgctc	caccacttgt	agttgctgca	aatattgatg	360
aaaagactct	gaaacgagaa	ggtgtttgtg	cagccagtct	tcctaccact	atgggtgtgg	420
ttgctgggat	cttagtacia	aacgtgttaa	agtttctgtt	aaattttggt	actgntagtt	480
tttaccttgg	atacaatgca	atgcaggatt	tttttcctac	tatgtccatg	aagccaaatc	540
ctcaatgtga	tgacagaaat	tgacaggaagc	agcaggagga	atataagaaa	aaggtagcag	600
cactgcctaa	acaaagaagg	tatacaagga	agaggaagag	ataatccatg	aagataatga	660
aatgggggat	tgaanctggg	atctgaggtt	caagaagaag	gactggaaaa	aatttttcaa	720
ggcccagttc	cagactttac	cttgaaggga	attaccaagg	ggcattacac	aaattttcaa	780
aaaaagcang	aagaatt					797

<210> 4165

<211> 765

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(765)

<223> n = A,T,C or G

<400> 4165

tnnctttcta	atgttttnna	atgctggtac	cctttcaraan	cncttngcgc	cagaatgggt	60
ccatggctgc	tgtgaatgga	cacaccaaca	gcttttcacc	cctggaaaac	aatgtgaagc	120
caagggaagct	gcggaaggat	tgaagtcaaa	gaattgaaac	cctccaaacc	acgtcatctg	180
attgtaagca	caatatgagt	tgtgccccaa	tgctcgtaa	cagctgctgt	aactagtctg	240
gcctacaata	gtgtgattca	tgtaggactt	ctttcatcaa	ttcaaaaccc	ctagaaaacg	300
tatacagatt	atataagtag	ggataagatt	ctaacatttc	tgggctctct	gacccctgcg	360
ctagactgtg	gaaagggagt	attattatag	tatacaacac	tgctgttgcc	ttattagtta	420
taacatgata	ggtgctgaat	tgtgattcac	aatttaaaaa	cactgtaatc	caaacttttt	480
ttttaactgt	agatcatgca	tgtgattgta	aatgtaaaat	tgtacaatgt	tgttatggta	540
gagaaacaca	catgccttaa	aatttaaaaa	gcagggccca	aagcttatta	agtttaaatt	600
aagggtatgt	ttcaagtttg	tattaatttg	taataactct	gnntaagaaa	aaatcaaagg	660
accatgattt	atgaaactaa	atgtgacata	attttccagt	gacttgntga	tgtgaaatca	720
gaccacggac	cttcagtttg	nacctattgg	ctttggaatc	aaccg		765

<210> 4166

<211> 776

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(776)

<223> n = A,T,C or G

<400> 4166

ntctttctaa	ttacttatnt	gtcatggaac	tcccactntc	tcnacnnanc	naggenntgn	60
cgaattcggc	acgaggcaag	agatttcaca	gacctgatng	tttttnatga	agatcgtaaa	120
accccaaagt	gacttatttt	gagtcacttg	ccaaatggcc	caactgctca	ttttaaaatg	180
agcagtgttc	gtcttcgtaa	agaaattaag	agaagaggca	aggacccac	agaacacata	240
cctgaaataa	ttctgaataa	ttttacaaca	cggntgggtc	attcaattgg	acgtatgtnt	300
gcatctctct	ttctcataa	tcctcaattt	atcggaaggc	aggttgccac	attccacaat	360
caacgggatt	acatattctt	cagatttcac	agatacatat	tcaggagtga	aaagaaagtg	420
ggaattcagg	aacttgacc	acgttttacc	ttaaaattaa	ggtctcttca	naaaggaacc	480
tttgattcta	aatatggaga	gtatgaatgg	gtcccttaag	ccccgggaa	atggatacaa	540
gtagaagaaa	aattccattt	attaaagtct	gacagaatga	tattgnattt	gctgaacaag	600
cctatctttg	aactntggga	aaaattattt	tttgacagna	atactctttt	caaaaatggg	660

catttgcttg atttccanaa acctttcncg ttctgggacc gaattaccca aatgcccacg	720
gaatttccca ctgggggggtt taatgttnnaa aantcccaan taaaaagttt ttttcg	776

<210> 4167
 <211> 741
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(741)
 <223> n = A,T,C or G

<400> 4167	
tnncttcaaa ctttcgctct tggctttttg caggatccca tcgattcgaa ttcggcacga	60
gagtttttga tgagacttgg tatggtccat tctgggacaa aattcctctc tctctctctc	120
tgcggaaccg tgaaatctag aaaataagtt atttgcttct aaaatacagt gatgggacag	180
acataggata gacattccca tttcaaaagt gagaaattgg gccaggtgca gtggctcaca	240
cctgtaaccc cagcacctgt aatcctagct cccagggcgg ctgaggcagg aggattgctt	300
gagcctggga gatcaagggt gtagtgagcc atgattgcgc caccctttatt ggaaactttt	360
attccagtta ccaataacac attcctcatt tcctccagag acctcaccag aaacaccttt	420
aatattcata tttctagcag ccttctgttc ataacaatat atgcacacctg ttaagatgat	480
aggagatttc tctgcacctc tcctctttgt gagcctgcag ggacattccc tttaatgtcc	540
atatttctac cagcagtctc ttcaaggcag tctaggtttt tcctaacata caccctcaaaa	600
ttcttgagc tttggccaag cacagtgcct nacatctgna atcctaacac ttttgagagg	660
ccacatggac aagatgcttg agctcaggag ttcaagacca gcccgggcaa catatgaaac	720
cctgccttta aaaaaatcaa t	741

<210> 4168
 <211> 789
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(789)
 <223> n = A,T,C or G

<400> 4168	
gnnnnnntttn nnnnnntttt tggaaancct tnnnnnnnnn tttcnaatnc ttgggcnact	60
cgttctttct ncaggcagcc catcgatncg cctttattca ttttactgt tatccagaat	120
tccattatat gaatatgcca taattttaaa gtacacgtta ctattgttaa gtgtttctaa	180
actggaatt actccagaca atactatgag cacacctgtc tgtggctttt gatgagcatc	240
tgaatgcagg ccaaacttgg cctgccaac agtttctgcc gttgtttgta ccagttcaca	300
ctccctgcca aacagtttct gcaatgttg taccggttca cactcccacg gcagcacatg	360
aaagctttat ttgctccata tcctctcaaa tttagaaata attacaaact tatgtaaaag	420
ttaaaagtac tatacaaata attttatgcc tgaaagtgtc caagttcatg ccatattact	480
tctaaatatg ttagtgtgtg ttttctacaa acaaggagat tctcctgtgt accagacagc	540
agtcacataa gtcagagaaa ntaacatcag tacattgctg ncatctaag cttactccta	600
ctcaaagttt cactantttg cttccaaaag tgtcctttta tggcaggang gatcanaant	660
aatgtatagg ccaagcaca ngccctggaa tctggaaatc ccagcacttt tngggaaaac	720
caaataggaa ggttgcttg gaactcctga cttaaggcga nncanccaac ttaaaccctc	780
ccaaagngg	789

<210> 4169
 <211> 728
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1)...(728)
 <223> n = A,T,C or G

<400> 4169
 gcttggtctt tgttcttttt gcaggatccc atcgattcga attcggcacg aggttttggg 60
 actaaaggcc gagactgttg tggcgacggc gacctctacg gcaacggctt aagctctcgg 120
 aggagtggca gagtacgatc tgaaggaggg gcttctggtt agcccagggt ccatcataat 180
 gaatggatcc aatatggcaa atacatcacc gagtgtaaaa tccaaagagg accaggggtt 240
 aagtgggcac gatgaaaagg aaaacccatt tgcagagtac atgtggatgg agaatgaaga 300
 ggatttcaac agacagggtg aggaggaact gcaggagcaa gacttcttgg accgtgctt 360
 ccaagagatg ctggatgaag aagaccaaga ctgggtttatt ccctcacgag acctgcctca 420
 ggccatggga cagttgcaac agcagttaaa tggactgtca gtcagtgaag gtcagtattc 480
 tgaagatatt ttgagcaaaa gtaacctgaa cccagatgcc aaggagttaa ttccaggaga 540
 gaagtactga gccgagaaaag ctttgaggaa gacttgtctg tccccacatc tggggatagt 600
 aatgcacaaa atggtggagc ttaagaaggg gatggggccg gccaaagggt gcacancggg 660
 aaagggantg gtggcttaca atactgggac tctgagtact aatatgctca gtcttattct 720
 aaaaaaaa 728

<210> 4170
 <211> 735
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(735)
 <223> n = A,T,C or G

<400> 4170
 tctaaacgct tggnncttgc tctttctnca ngnanccnnt gcgntncgaa ttcggcacga 60
 tctagatatt gcccaatcgc tgcccacagt gcacatacct ttccaccagt cacatgtgag 120
 agggcagatt ttccaaatgc tcatcaccac ttggcactgt gtggactata attttggcca 180
 gttaggaaat ggcattctcat tgttttcatc ttaatttgcg tcagcctgat tactcattga 240
 aacttgtgag gttgagaaac ttttcttaag cttattggcc attcaagttt cctcctttat 300
 gaaatgggtg ttcatgtcat ttgctcattt ttatattaga ttgtttttct tttttccagc 360
 tgacttgtag gaactctaca tcttatcaat attaatacatt tatcgaaaac tatttgggtg 420
 ccattatctt ctctagtca atgttttttg tttgtgatat cttttataat atataagttt 480
 ttaatgttgg cagaagtaaa gttaatcttt ttggctgtgt tgtgtgtctt gtttgatgta 540
 aagatagttt ctgtaatagt tttgcagttt gattgntcat ctttaggtct tcaattcaac 600
 ctgcacatcc atccccctta tctcttttct tactctgttt ttctccatac cacttatcat 660
 ccaataatat ggtcatgccc tttattnacc ngntttgcat atataatttg gcttgtncce 720
 ggttccttcc ctana 735

<210> 4171
 <211> 773
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(773)
 <223> n = A,T,C or G

<400> 4171
 tanacnnatt ggtntgatgc ntgggtgctgc ctgcgctgcc ttaagaagct gagactcaca 60
 caagtgttaa gagggtatct ctggagacan ngtagagata gacctgtta cgaatcagag 120
 ggccagcact aagttttgga ttaagcagaa acccatctna atcgattccg acctgctctg 180
 tgcctgtgac cttgctgaag agaaaagccc cagtcacgca atatttaaac tcacgtatct 240
 aagccaatca cgactatnaa cacctctact ttgaatcgga cgctgctacc cgtcaatgaa 300
 attgtgctca aggttaacta catcctggaa tcgcgagcta gcactgcccg ggctgactac 360
 tttgctcaaa aacaaagaaa actgaacaga cgtcgagctt cagcttccan aaggagaaag 420

aaaatccggg	cagcagttga	cactggcctt	cagcctnaat	ctgttcccgt	agcttnagaa	480
ccttgctgc	caggccaag	tgccctagag	cccaccccg	tgctctgaan	tcctnggggg	540
ggagccagc	cccctgggct	tactgggcac	anggcaagt	gggctctcng	gggaaagtg	600
tctggngcc	cccttangaa	gggaancgct	ggggacattt	gccattggga	ccggaaagtc	660
ttggtttggc	anttggtttt	ngataancca	tgctttgnng	gtcnagacca	ccncctaaa	720
ggagccacgt	ggcngccaa	gccaccttaa	ttgcttgcca	cctggcccng	gng	773

<210> 4172

<211> 797

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(797)

<223> n = A,T,C or G

<400> 4172

tnnnngtttc	ctantnnntg	ggctactcgt	tctttccgca	ngatcccntc	gntncgaatt	60
cggcacgaga	ggcagtgact	gccttcggct	ttttttctgc	tgactaagat	ctcctataga	120
gagctacaac	aatgcccaaa	agaaaggctg	caggtcaagg	tgatatgagg	caggagccca	180
aagagaagat	ctgccagggt	gtctgctatg	cttggtgcca	gttacaccca	gaagtgaag	240
ccctaaaaag	aacatcaagt	tcaagggaag	atgaaagaca	aaaaagtgat	atgatggaag	300
aaaacataga	tacaagtgcc	caagcagttg	ctgaaaccaa	gcaagggaagc	agttgttgaa	360
agaagactac	aatgaaaatg	ctaaaaatgg	agaagccaaa	attcagaggc	accagcttct	420
gaaaaagaaa	ttgtggaagt	aaaagaagaa	aaatattgaa	gatgccacag	aaaagggagg	480
agaaaaagaaa	gaaccagtg	cagccagaag	taaaaaatga	agaagaagat	cagaaagaag	540
atgaagaaga	tcaaaacgaa	gagaaagggg	aactggaaaa	gaagacnaag	atgaaaaang	600
ggaagaagat	ggaaaagang	attaaaatgg	aaatgagaaa	ggagaagatg	ccaaagagaa	660
agaagattgg	aaaaaagggt	aagacggaaa	ggaaatggag	aagatggaaa	agagaaagg	720
gaaagatgaa	aaagaggaan	aagacngaaa	ngaaacngga	gatggaaaaga	gaatgaagat	780
ggaaagagaa	ggagttt					797

<210> 4173

<211> 813

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(813)

<223> n = A,T,C or G

<400> 4173

tntctctacn	nanmtcgnga	acccttgntc	ccacgacct	cgtncgaatt	cgggcacgag	60
gtgtgttctg	tgggaggggt	tctgtggtga	tgtgactatc	aggggtgggc	tgtgctgggg	120
atggggcagg	cctgggtctg	gagaggattt	tgtgtgaaag	taaatgggg	gtttgaggcg	180
tatgggtggc	tggttggtg	gggaggcatc	ttgtgtatgg	ctggtgggaa	cagcaaccaa	240
aagggtgctt	ttggttttat	ttgagatcaa	gattgtgttt	ccgcttaatt	actagtttgt	300
ggtctatata	atagaagtta	tttccacccc	cattttatct	tgacaacccg	tgtttgcat	360
tctgtaaaac	ttctacaact	tctggtgtca	agaactgtcc	agaagatgg	actgttaact	420
ggtatttcct	ttgatgtttt	gattttgaaa	gtttactctc	atgcaaagt	ttcangcgta	480
catacatagg	cagaaaagcaa	atttttaggt	gatttgctctg	tntcttggt	gaaattttaa	540
gcaagcttta	atggtctgac	ttgntcattt	gaaatncaaa	aaaagtaagt	gaaattta	600
ggtttngcat	taacctaaag	gaaatcttga	agattnatgg	ttgaaggaaa	ttggtatggg	660
ccatgccctt	tggtggaaac	ccngaaant	cnttttttaa	gtttaaaaat	tgaaaaaag	720
ggttttttaa	tttgctttgn	ggccgtgttn	taaaattggg	acccccatt	tttanaa	780
attttttttc	ccgtcttccc	ttttaccaa	cna			813

<210> 4174

<211> 786

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(786)
<223> n = A,T,C or G

<400> 4174
gtnnnnnttt tctaatagct tgggatactc gttctttccg caggatccca tcgattcgaa 60
ttcggcacga ggttctcagg ccttccagggt agtccccctc ctggacttaa gaggcgaaac 120
tcttctctgt ggttctagcc ttgggcagaa ttatatccca gagaccacag agcaactgtc 180
aagctgctta cccctcacc cagggtctaca gcctgtgcc agccctctaa tttgtgcctc 240
tcttgtgttg ggggtggtgg ggggtattcc tttcccttcc ctgctctggc ctccctgaaa 300
gttcagagta cccagtacaa gtcagcttta aagtacagct tttagtgttt cctgggttgt 360
ttctctgggg ctttagtgag ggacctttgc cctctggttt ttcttgccctc ctgggtttang 420
gagcatctca cacttgtagg tatctggttg ttgggccagc ccgtgcctnc tctagatctg 480
gagccaggcc aggcaggggc cacgtgtggg ccagtcagcc actacaagat tttgctaagc 540
tttgggctgt tggcagcatc ttggacctca tgccctgggc tgaatgangc tctttcttaa 600
gtggttttac aaagtgtggg ttttatttat ggagtgactt accccttcca ttcagagcag 660
cccaccagc cagcccttna accttntggg ctctgtntgc ttaaaggcaa accgcctggt 720
tgggctccac cctgtgcatt gggaacccaa ccaccatgc tnaccggnat ttttctcat 780
aaaagt 786

<210> 4175
<211> 785
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(785)
<223> n = A,T,C or G

<400> 4175
tctaattgtn gaaanccttg ttctngacca tcccgggctn atgcttgggc acgagagatg 60
ttcttatccc caagagctgt ataattccag acagaggagg caggcagaca cctctataga 120
ggacttagaa acgactgttg tgagacacat tcagtgtca ggatggcaag tgtagtatac 180
cgtagaaaag aacattcctt tggggtgtgg cctaggaagt tttccagatt tttcactagc 240
gtacatctaa ggaaaaccgt aaacacagag ctgcccttta ttcctccac aggaagaaat 300
gtacatcttc atggagtact gcgatgaggg gacttttagaa gaggtgtcaa ggctgggact 360
tcaggaacat gtgattagc tgtattcaaa gcagatcacc attgcatca acgtcctcca 420
tgagcatggc atagtccacc gtgacattaa aggtgccaat atcttccctta cctcatctgg 480
attaatcaaa ctgggagatt ttggatgttc agtaaagctc aaaaaacaat gccagacca 540
tgctgtgtga agttgaacag caccctgggg acagcaacat acatggcacc tgaagtcac 600
actcgtgccc aaagaaaggg ccatgggcgt tncggccnac atctggagtc tggggtgtgt 660
tggcntagan atggggactg gccaaaagcn cttggcatga ntattgannc cacctttcaa 720
attatgtata aanncnnggg atggnaccta aancccccce atcccngnan anaattaaac 780
ccctt 785

<210> 4176
<211> 848
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(848)
<223> n = A,T,C or G

<400> 4176

cnnnncggnn	nnncnacnan	nnnncgggnn	aacnttcnag	gcenntnnaa	ntcccnnttc	60
naangcttgg	cnatcgncct	tcnncangna	cncngcgtnn	cggttgagga	aaccaagctg	120
acccaaacat	gggtccccc	ttttggagct	tacagtctgt	tctggggaac	agagattcag	180
ccagnagtca	agaaacactg	gatgccagct	agattatctg	ntctgtgctt	tgggtgtctat	240
aagtacatat	gtggatatgg	gttcatttta	tccttaaact	tagtaccaa	ccagcattta	300
atatctaatt	ataaatctaa	tntggcctaa	actttattat	tgcacactgc	ctgaacaaaa	360
cctatttgtc	tctatgtaaa	ttntttcctc	atggaacaag	ggtgtgaaat	gaaaatattt	420
taggatttat	tcaaaaacag	actattctgt	tttcagcttc	agaattgttc	tttgaatcct	480
aaggaaacct	tgtcaacagt	ngaggcngct	gttgaaaaga	aagaaganng	aggcngaaat	540
ctctcangga	gaattatttc	ccnttctntt	ctatttcaga	tacctggagg	ggtggggaga	600
ngtaagaatt	gtaggggagg	atcannnctn	ggggaaanct	gtgaccagct	naatgaanga	660
atgatgattg	aaanaaccct	cttgcatttc	tnagntaccc	ttcngcntcc	cttnnaccce	720
ntggtataaa	atntngggcn	tngggcaacc	actgaccatt	tgncaangcc	ttaattggnc	780
cccaaatac	cnacactggt	ccnagancct	taaangtctc	cagcacccga	cncnntnana	840
anncgnc						848

<210> 4177

<211> 836

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(836)

<223> n = A,T,C or G

<400> 4177

ttctaaanan	ntttgggnnn	gtgnncttct	aatttttcnn	atacntggcn	actcgnactn	60
tctnnangna	gcnnntgngt	tngcgaattc	ggcacgtagc	tgagcacctc	gtctctataa	120
aaacaaaaca	acaaaacata	aacaacaaca	acaaaaaact	atgtgatagg	cattgtgtta	180
ggcactagaa	aatagtgtc	aaacaacaac	aacaacaaca	aaacatgatt	cttgtctcaa	240
agaatgcaca	atgttgggga	aagacaacta	aaaagtnata	aaacataaag	tttgaaggat	300
attatgatag	angaatnata	ggatacgttc	aatcatttga	aattcntgaa	tgtcatcctt	360
ttgggtggag	caccgagagg	gtttgtgaaa	aacttcccac	ataaagnaat	ntaancnatg	420
cattnnntaa	aaatactnat	gtnttttnnaa	aaatgaatat	ggcaaataga	ctgtntctgcc	480
tancatntga	tnaaggnttc	acttttccat	nccnanggna	ttagcttatn	nnacttcana	540
catttcaaan	gtggaaaaga	ctcancanat	tcaaagcaac	cattcttgta	aagtttaatt	600
tcctntgtgan	tcgttcanaa	tttnaatnct	tgggaaaaat	gaacctgcaa	taagaanaaa	660
aattggtttc	actttttcaa	tnggggttaa	aggtttctgg	acttcaccca	aagtggcttt	720
ttncaaatgg	gggggncccn	taaaancaan	tatttaatga	nggaacttat	ntttgcggtt	780
tagcncntngg	gggnatnctt	ttgncaaaag	gtttaaaaag	ccaattnggn	aangnt	836

<210> 4178

<211> 775

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(775)

<223> n = A,T,C or G

<400> 4178

ctnncttttn	ncctnaagtg	aaatcgttcg	gtttancctt	tngcaggatc	ccatcgattc	60
gaattcggca	cgagcttagt	tcacaaaata	attattgatt	tgtttaagcg	tgatgtatgt	120
gcttgctcaa	ggaattagaa	gatgagtatg	acaaagctca	ttccctcagg	gagttgagtg	180
tttcagaggg	atgaagtaaa	agaagatttt	aaaactacaa	gtagagtgtg	agaagtatca	240
cgagaaacat	caacaaaggg	ctgaggatag	aagggtgata	gtctcaagta	tctcaagata	300
ttcagcagtg	aatcttaaca	taaatttgct	tttaggggaa	gaatttcaag	catattgata	360
ggtcttaaat	tttctagtct	ctctgggata	gtaggaagga	gaatgatttt	taaaaagttg	420
attatgtagc	atggagtttg	gggactagta	aaaattttat	tgaaattatt	tgggaattgt	480

tttacagttg	tttttagtgg	aggttgtatt	tctgaaaata	ttgcatttta	gtgtgatgat	540
ttactaaaga	agtagcaggg	acttattcta	aggtaggaga	tagaaaaact	aataagtaaa	600
aatctgctag	caactttaaa	tggctgtcaa	acttttttta	atgattaagt	gctaattggg	660
ggcagatgga	aattgtaaag	ccagtgccan	aacaattgag	gtatagaagt	ttttttctgt	720
caattgctct	acttttgaaa	gagaagaaaa	ttnganggca	aaatttaagt	cattt	775

<210> 4179
 <211> 816
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(816)
 <223> n = A,T,C or G

<400> 4179						
tnncngttnc	ntattantng	ggtaatngct	tggntctngn	nctttctnca	agatnccatc	60
gattcgagc	gatagcccaa	aggctctgca	gtattccctc	caatggccaa	ggattccgtg	120
tgtcatctgc	aggagtgagt	aggcctgctg	tatttcttgt	aactgctggg	tgttacaaaa	180
taagttacaa	tgttttacac	tttaaaaaaa	aaaaacagaa	ggaacatttg	ctttattggg	240
tacttactag	tttagcctct	aggttatggc	acagcatgct	aaaaaatcat	gtgtttaaaa	300
gtaaatgttg	gtaaaatgct	ggcatctggt	cctattgtgt	tgatgcattt	tcacttctgt	360
ggtcatagga	aatggactgg	tctaaagaga	gtgaggcaca	acacaagcag	ggcattagtt	420
tgaataggaa	gtcaatcata	tttggtttta	tggcctgggt	tattttgggt	ttaagataaa	480
atagggaaaa	atgtcagaaa	tgatccctat	gcatttattt	catggatccc	ttaatttcat	540
gggcatgcct	aataatgac	tatgttctaa	ctggagctta	nggcttattt	tagatattgg	600
gagtgtagct	tttatttacn	agatggattt	tatctttcaa	catttgcatt	ttgatcaact	660
tttgaatat	tcaccgtgta	tttaaaaaata	ttgggtgcact	taaaatgttt	tncccctnng	720
nttnttttt	atattgggtc	caaaggcant	ttantcaagc	anctntttgg	naatggaaac	780
tcaatgttaa	anttggcntt	gggttcaann	ggaaat			816

<210> 4180
 <211> 746
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(746)
 <223> n = A,T,C or G

<400> 4180						
tnncttttct	aatgcttggc	tactngtctt	tccgcaggat	ccctcgattc	gaatccgnca	60
cgagggnggc	tgccgtntnt	ggctttngct	nnaagggcna	ngttcgggaa	ccgttccaca	120
ncatcctgat	gtcctgaagg	gactcactgn	gccattgcc	agcagtcgnc	attccctaag	180
gtgctgtgat	ccanaangcg	ggntgngaga	nattggggcc	ctaccctact	nactntncc	240
cacaccatgt	ntaaaatact	cannntntnn	angggcnnaa	nacngctatc	tggacccna	300
tcaggntctg	gnaacactgt	tnaaaagtcc	cctttcatgt	tggcccatg	aanagaccac	360
ngaccacgng	gtacntggag	ctcgatntcg	anagttctca	agnggggaact	gaggggactt	420
ccactnctnt	gggactnngg	tcnactnncg	tgnanancgg	gacnactaca	tnntggntct	480
tttctganca	ccacctnttt	ttcacgatgg	nacntgtaga	agggaaatgc	tgganngatc	540
catcctnt	gntctcttct	tengccctaa	atngctgcan	ncanntccgn	ncngtncntn	600
acctgnnngg	tccttttggc	ccngccttg	ncatgantac	cngnntacct	gcatectanc	660
ctgacacnnt	ttgntcttat	cgctgcagtg	anggaaangt	gggtgggtat	ttttcccaa	720
taaagacttt	agacccctnt	tttnt				746

<210> 4181
 <211> 865
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(865)
 <223> n = A,T,C or G

<400> 4181
 cgtnmccctt ttcaaagtcc cttgggtact cgcctttacg caggatccca tngatncgaa 60
 ttcggcacga gccaacctgc tgccccctca gccccgcttt taccagcctg tggagttcag 120
 gaggcgagac atnctggcct cctttgagaa ctgatgggat ctacccctg tccacgcngg 180
 acagtntctc agaactgggt catagaccac ctgtgttacc aacagccaga tacctaattc 240
 ctgagcctnc tttgggaang tctggggccg aggggtctggg aatntgcttt ntttttttgg 300
 gacagagtct cattctgtca ctgcactcca gcctgggtaa cagatcgaga ctcccatctc 360
 aaganaaaaa anaagganca gggcatggtg ntagtgtgac tggggtncca gctacttcan 420
 aagctgaggt gggaggatcc cttgagccct gtaagcggag gctacagtga cctntgatgc 480
 cantgaactt ncnctatgc aacagaacct gtcttaaaaa aaaaagtaat taanaatttt 540
 aaaattcaaa agtgggacta ttatnggtt aacagaactg nntttaanaa tgccntaaaa 600
 atggtggcnc cttttttttt aanaacctnt gctggntntt attggtnaaa aattgnantg 660
 gntcttncn tgccnnngt cnntnaaaaa ttntttngna ngggcnagnt tttatngtna 720
 attgntcgn aaatntgnnn aanatttcat tcccananna angntnnnt tcccttaaaa 780
 nntngnactn aattgccntt actgttnccc ntnaanttta aacnacnnat ttntntnaaa 840
 acctttnaa angnaaccn ncccc 865

<210> 4182
 <211> 989
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(989)
 <223> n = A,T,C or G

<400> 4182
 tncccttggt gaaanccctt tgctcctttn tncnccgtt tgncatncna ttcgctcagc 60
 tgaggcaatt aaactggaag agaaatagat tgaaaagata ctntngaaga agcagtagac 120
 aagttggggg actgaaggag agggagccac tgcaggtgct agctgcttaa ggggatacca 180
 gtccctttac agatataata gatacagctt ctgaggtgga ggggtgatagg agtgtgtatg 240
 agaaanttg agnttnacaa ctgctcntgc ctccnngca anaggannan cntttcnccn 300
 nttcncccc ttatngnaca cacattgncc tgattggncn tnccnngct agcttncagt 360
 cttnantnta ctcanagann nntnggggaa cncnctntcn nantatgntc ccttttctc 420
 tnnctnncc nnatancacc cncctcctt tcctttctaa acttncacan ntccctgana 480
 atgnttccg aatggantct tngaatttct ncgcccctnc ntctcataa tcnttttgc 540
 nctcngctc nccctcattt tncactgnc cnccttctnn ttactgntc ttaaatnta 600
 ttanncnnt ntncnttncn atctncaant tttcnncn acnnntttt nctnntnca 660
 aatgcgna aataagtntt gncactcnn ntntanent attntccctc gcnntntcn 720
 tcctctccg cncactcac nttnnnnnnt caattntnn nnaenncnc tgctctacnn 780
 ncnatntctn tncctncaca cctntanctn tntnctcan aatgcctttt ctnccttann 840
 nctntcttc ncnatctan ccaantttnc ttnacatcc cctnncnntc tnncccgacn 900
 atatntnacc tcttnnctn cagngctan natnccccn ttntnctnt cnetctcann 960
 cttntntna tcttcatnna tcannncnc 989

<210> 4183
 <211> 820
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(820)
 <223> n = A,T,C or G


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<400> 4183
tnncctttct aatggcttgg ctacnggctt ctnaagnatc cctngtttcg cagctatagc 60
actaggcagc cttgcatcct ggggtgttgaa agtgcaggcc attatcctcc cctctgacct 120
ccaagatggt aggtggcctt tctgtgcctc agttttatca tctgtaaatt gggatgatt 180
gtactagtgc ctagtacata aggagtgtg caaagattac atgagtgtct ttaaagtcct 240
tacaacagta tctcacacat agtaagcatg gcatgtggta gttactatca tttagtcct 300
cttgagcaa tggatattaa aattttaaag acagttgtct gntnaggatt ggnatgcag 360
cctgaagttt naaaacaaat tgcacctgnc tgtgtncatg ggganacttt ttaangccct 420
ggacctnatt agctnaatgg gctgtggaan tgnatggggc cttttgnagg gcnccnnttt 480
tnnaaacccc naaattttan aaagnttaac cccagannct tnattctnca ttttaactgg 540
cctnttgga gatataatgg cagaagtttt tanaagggtt naaaagtttt tttgcncn 600
anaaaaangg ggcttaaaact tttttaattc nnggggtngg cgccnnaatt tttcaataaa 660
aanntttcan gaattattaa nnggggtngg atnaannan tttntnttn anaaaggatt 720
tttaanaaat ttggggggaa gaaccnnaat tattaacngc taanttttt natggcttcc 780
gacttttnaa ngtttttnga aanannccna nntttattnn 820

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<210> 4184
<211> 810
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(810)
<223> n = A,T,C or G

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<400> 4184
tnccctttnc taatgcttgg nataccttgg tttccaatgn ttncagggt tncgtgcact 60
ccagcctaca tgacagagt agaccctgtc tcaaaataat aatantaatg nactgagact 120
cagaaaagat gttngntcaa gggtacaaan ctcanacngg acagggcagc attggnaacc 180
aaaatnggtc tgactcctan gctcatgtg naaatnacng tgcaaggctt ntactatcta 240
tntttttcct aanngaattg ctaaagtgnac ngatgggtta catattacgc agaatagttt 300
aaacgtcaaa tgaactgtnt naacnataaa tgctggagag ttgaagtggc caagaactca 360
tgcccaggt gatctgggaa ngcctcttga acaagggtga attatagctg gtttttgaag 420
aatccgaaag gtgcttagat tgaaagggtga gacatgtaca ggaatgggtt ctaagatgtc 480
atattttatc tctgtcctca tcttgactgg cactaatgaa catcaaagat ttnaacctaa 540
atncattgag tgcccagnat gtgaaggggc ttattttatgt aggtttttaa gctttttaac 600
atacttttaa agaannggac tgggttaatct nactgnctt agatcccttt angaccccg 660
gagcccgat tggcccccag ggngcccttt tgggaaatgg gcgttggtcn gggaccaagt 720
cttnacntt ttgggacntt acccanaga aaaaggaaat ggggtcccttt gggggaattt 780
ttgccaggac cttacaattc ttgggaanaa 810

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<210> 4185
<211> 820
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(820)
<223> n = A,T,C or G

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<400> 4185
gnnnnctttt gaaanccctt ttaanccctt gctcttgntc tttttgcagg atcccatcga 60
ttcgaattcg gcacgaggca gaggcagggc tagaatgttg gacttcagat ctcttacttc 120
tgtgtgctag tgcaccattc ttagtccagc acagacaatt ctcaaacaga ttagcaaacc 180
accctcttga aattgcaaga attgttacca tgtgatcaag gcatcataat taatgcaaac 240
cctagtttct agttgggaaa gagattaaga tggagacttt gtagtaaaag atggacatat 300
attttattca catagcttat ttattttgaa tgaaagacca agcaaactct anccttgagg 360
tgtcctgang aaggtgatct ntgaaataaa tgcnctgnan aatttgngga canngngnct 420

```

nncctntgat	ntatctgntn	ttatccaang	gttcnaatnn	tgtnccnttt	natncntat	480
tccctnnaat	ttttnttgna	acnnnccenn	natctctna	tnngcccttt	tcttncntna	540
cncctnttac	cntttatttn	tnnaannccc	nttttcnnnn	ncaatnctng	ntcntnaant	600
cntnnncttn	tnnttnnctt	ttanncccct	tnnccnttnc	cccctnnnnn	ttaanacntc	660
ctncttattt	anntcntncc	tnntttcttc	tccnntttct	ttaaactnntn	nnncttccac	720
ttctttacct	tatatacntt	aanntctctn	tngtattnta	aactcnttnt	atcttnccct	780
ntctnctaaa	tncatcctca	natnnttagn	nnctcaacct			820

<210> 4186

<211> 847

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(847)

<223> n = A,T,C or G

<400> 4186

nnnnntttnc	ncccntttgc	aaacccttgc	ttctnctttc	naattggctt	ggatcgattc	60
ggggaattct	ctgccttttg	gggaacagtt	acagaggacc	tnntaaacce	ttgtttngtg	120
ccaggccccg	agaccacaga	gataacctgg	gaccaggct	ctgcccattg	ggagctccca	180
gcctgtgag	gaagacaggc	catectcacc	cagcacatcc	tactgtaccc	gaagagaggg	240
cgcagtgact	cattttttgc	cgttggcatt	aggtttaaaa	gatggttgaa	cgtccacaga	300
aggaaaagga	attcctggca	nagggccctg	cctgagcata	ggcagggagg	ctgagcagcc	360
acgtgtgctt	gagcgtggt	ttgncgaggc	agcaagcggc	ggctgtatgg	tgttgctgca	420
gctgtatggg	gaaagggtgt	tgaaaagctga	nccaggaatc	aaggctgctg	gccacagacg	480
cattgatgat	ggatgacgtg	ctgggtggggc	tgacacctga	aaaaaaangg	tgtcaagttc	540
caaaacaang	gcctggcata	caagtanggn	ccacaaggga	gaagcatgag	ggaaatggct	600
tngccgcct	gggntccct	ggganaantn	ancaattnt	cngnatgnnn	aaggnncnna	660
tnnnnanaac	nnnnnccenn	nnctntnnnn	annnnnnnnn	cnaaannncn	nnnnnanncn	720
annntnnnt	naanattnnn	nnntntnnnn	nnnnntnna	aannncnnna	annnnncnt	780
anctnnnnnn	nannnccnt	tnnctnnnnn	anaanngnnn	ntnnnnnnnn	nnnaannnac	840
ccccnc						847

<210> 4187

<211> 884

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(884)

<223> n = A,T,C or G

<400> 4187

cgcttggttt	gagcnnctna	anccttccca	tgcatncca	attcggcacg	agggacagtg	60
ggcctggccc	gtggagctgc	cacgcagggt	cctgagggcn	nngtgccacg	caggtgtctg	120
aggaccaggt	gccacgcagg	tggtgggggt	acagacaaga	tgctgggatg	tcccctgccc	180
catgggtcaag	ggtgtcctgc	ctgcctgggt	ccagggcctg	agggagccac	atggatcccc	240
agacttggtg	tctcttgctg	aaaacactga	ggtgtcctga	tctgtgcgtg	gcccattgagc	300
tgggatgggt	ctncagcttg	cccacaaggt	ccgncctct	gtctcttgca	ccaacctgtt	360
tgataaaaca	caatttgcta	caatcttgct	agtgctgttt	cttaaaagat	aacttattta	420
ctgtaaaaaa	taaattggac	tttgcaaaag	cttttagaag	gaaaagaaaag	aggattaaag	480
agaattgctg	gtgaaaaaaa	aaaattccat	aaaaaaaaaa	aactgggaan	cetttttagaa	540
cttntagttg	aggtccgtan	ttaccttaag	ntnccaagac	cntggaatta	nggaattcca	600
atttggtattg	aagttttttg	gacaaaaaac	cnacaancnt	tnggaaattg	ccaatttgaa	660
aaanaaaaaa	tggcctttta	aattttggng	gnaaaaaatt	tttgntggaa	atgcctttat	720
ttgggccttt	taaaatttg	ggtaaacccc	aattttttta	aaagccttgg	caaattaaaa	780
nnccaagggt	ttaaacccaa	ccaaaccaan	ttgggcattt	tccatttttt	naatgggttt	840
tccanggggt	tccaaggggg	ggnaaggggt	ttttgngaaa	ggnt		884

<210> 4188
 <211> 781
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(781)
 <223> n = A,T,C or G

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<400> 4188
tgtnnctttt cnnctcnn cgaatcnct ttgnttctaa ctttcctaata tacctgggct - 60
acttgacta tccntcgat ncgcatagat ggccnngtta ctaanggtga ntttccagcg 120
cggggggcac gtggagtcac tggaacattt gngcaatgct ggtgggaatg tcaacccgng 180
cnggcctctg gaatangcct ggcnnntcct gcnagagtta cntgtgacc cagcaattcc 240
actcctagct ccaccacag gantngaaaag cnaagacgca nacagatgcc tgngcnccaa 300
anttcacggc agcatcctnc gccatantgg cancatccgt cgtnacagcg gcatcatcct 360
tcatcattac ggcancatcc gtcgtaacag cggctacatc acttcgccac agnggcagca 420
tctgtngtca cagnggcngc anccttngcc aaagcggcag cntccttctg catagcgna 480
ncatnctttg ccatancngc naggtggaaa ccctgnccat cactgaggc ntncatanac 540
tanncatggg cagtccaggg cactggaanc cangccgtng aacggcgccn acggtnanna 600
ggaatganac cntgatgcnc tggggccana catactggct anacanactt ggagacatca 660
tgcttanttg nannccant cacacttgc nncggcgtna tctgtctcac gtgatncgac 720
ccgaatgggc acttcaaagtg ggaanaagg ngatggcact nccggtnncc tnganagggg 780
n 781
```

<210> 4189
 <211> 851
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(851)
 <223> n = A,T,C or G

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<400> 4189
tnnncttcn nnctcnacng aaancccttg tattgccctt tatgcaggat ccctcgattc 60
gagcagctgc atctaggggc ccttggtgag atttactc antncctggt cggcccccg 120
tagcccagat tcaaaagggtg aacatctgtt tgcagaatct gattcatgag aagggtgatt 180
tattgttttc agtttagact tttgggaagt tggactagag aggggagttg ttggggtcag 240
tgctggctta acagaaaaca cagcgaattt cccctccagt tctcccaag tccactgaac 300
aaggctagtt cctgcaccac ccaggattca aaggaaaagac gaaggagca gaacttgtgg 360
cagcaacagg taaacttcaa gaaggaggc aggagccca ccctacaggg cttggganga 420
gcccagaggc cccatctgtt tcttctcca ggagttgtca aggcagcaga aaggagtcac 480
ccagccaaag gaggaagatg gcttcaccgg gctgcacaa ggggccaaga agcccttacc 540
ccgtgtctaa acccttctct cacttccct taagccttg tgaaaagaag tcaagaaagc 600
cccaaggctt cctttttct tggtttctn aacttcaacc agcttaaaaa aatgggcttt 660
ccagggtant tggaagttca attgaaant tcaanaccat tggtttgggn gggtaaaagg 720
ttttcttct tnttggttnc ctggaaaaa cctttcaatn ctttctttg ggnggtcttc 780
antggctcnt caaattctt ccccttnta ttgaacattg ccaaaaaaac cnancctttt 840
tttttgnaa a 851
```

<210> 4190
 <211> 741
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1)...(741)
 <223> n = A,T,C or G

<400> 4190
 tnnnttctaa tantttggat cttgtgtctt tntgcaggat cccatcgatt cgaattcggc 60
 acgagcccat gtcccgcggt ctgctctgcc tggctgcggg gtgacacggg gcttcgcctt 120
 gggaaggggt cgaggaagc agttagacgg ctgccggggt gcggctgccg cgcggcacac 180
 aatatttatt taattgccca actaccactg atgaagatat attggagtga ctgctgaaat 240
 tgcctttttg tttttaacca gaggacagtc catttgtttc acttcttttt gctttcttta 300
 ctgctatgag ctttactgaa cggctgaaaa acttgaaaa taaaatggac atgctgtagt 360
 cttgaacata atttttttaa ggaaaactta aagtgccaga gtgaaagcca gaatggcatc 420
 cagagagagg ctctttgaac tttggatgct ttattgtaca aagaaagatc cagattacct 480
 gaagctgtgg ttggacactt ttgtttctag ctatgaacaa ttttttagacg ttgactttga 540
 aaagctgcct accagggtag atgatatgcc tccaggaata tctctgcttc ctgataatat 600
 tctgcagggt ctgaggatcc acttctacag tgtgttcaga aaatggcaga tgggttagan 660
 gaacaacaca agccttgatc attttgcttg caagtctctc attattcttt gcaggatatc 720
 agtagaaaaa ataaccttgt t 741

<210> 4191
 <211> 730
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(730)
 <223> n = A,T,C or G

<400> 4191
 ttggnnctng ttctttttgc aggatcccat cgattcgnac cgnenggccca gctgncaggc 60
 nacaggggct gtaggccag ctcanaccac ttnggagctn tggctntntt caaaaacatt 120
 gtngactctc ttaccacac attcctnngc tgggaagggga gattgacaaa ccagcatcat 180
 ctctangtta ctacaaaagc cctcnctggn aattattctt aactnancag ctggtagcga 240
 tccattcnga aaaagagtac nntagactga gttncctctg tgntnaaann nctgaanagc 300
 ctntaantn tacctancgn aaaacctana nnccttttca tggcctgcta ngccctgcgc 360
 cctntggccc atcntntacg accacctnta ctactgcctt tctgtnaggc ctntgggccc 420
 aaacctgtnc ctatnaatcc agatggcctg aattanctga acaatgacan angatgnnaa 480
 aatggcctga tntgcctta gctgatgaca ttaccttnga aaancncttc tctggctca 540
 tccnggctca aaagctnncc anctgagcac tgggacctaa acccctgtcn nccagaggaa 600
 nnaccncta tgactgtaat tatccatacc taaccgatc ctataanatg gcccgccnt 660
 tctccnctg ctganctttt cggacnnanc ccgctgacct aagtgaata aacagcnngt 720
 tgntcacact 730

<210> 4192
 <211> 730
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(730)
 <223> n = A,T,C or G

<400> 4192
 ttggnnctng ttctttttgc aggatcccat cgattcgnac cgnenggccca gctgncaggc 60
 nacaggggct gtaggccag ctcanaccac ttnggagctn tggctntntt caaaaacatt 120
 gtngactctc ttaccacac attcctnngc tgggaagggga gattgacaaa ccagcatcat 180
 ctctangtta ctacaaaagc cctcnctggn aattattctt aactnancag ctggtagcga 240
 tccattcnga aaaagagtac nntagactga gttncctctg tgntnaaann nctgaanagc 300
 ctntaantn tacctancgn aaaacctana nnccttttca tggcctgcta ngccctgcgc 360
 cctntggccc atcntntacg accacctnta ctactgcctt tctgtnaggc ctntgggccc 420

aaacctgtnc	ctatnaatcc	agatggcctg	aattanctga	acaatgacan	angatgnnaa	480
aatggcctga	tnctgcctta	gctgatgaca	ttaccttgna	aaancncttc	tcctggctca	540
tcnnggctca	aaagctnncc	anctgagcac	tgggacctaa	acccctgtcn	nccagaggaa	600
nnaccncta	tgactgtaat	tatccatacc	taacccgatc	ctataanatg	gccccccnt	660
tctccnctg	ctganctttt	cggacnnanc	ccgctgaccc	aagtgaaata	aacagcnngt	720
tgntcacact						730

<210> 4193
 <211> 774
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(774)
 <223> n = A,T,C or G

<400> 4193						
gtnnncnttt	ctaattgcctt	ggnnnntnncc	ttctaattgct	tggtctttgt	tctttntgca	60
ggnatcccat	cgattcgaat	tcggcacgag	cctagttatg	ctataatcaa	gcaggaaatg	120
tttatggaat	ggaaagatta	aggaaaaggt	atgttcttat	tttagcaata	aaacgaatac	180
cagaagcttt	aacattcacc	agtacaaata	aatagtttca	atggaatagg	tcgaaagtaa	240
agggacatca	ctagagtaaa	tgctagacct	tcctctctct	tttattttta	gcaacagcaa	300
agcagaaaact	aagatctaca	agtgatcaaa	gagggtgatc	cattcagttt	ctgtgtagac	360
aggaataata	ataatacctt	ttacatatgt	gtacagtttg	taaaaacact	ttcacttact	420
catttaattct	tcatagcaac	ttgatgaggt	agaatactat	aggaagcagt	attagctcag	480
gttggtacgt	aaattactgt	gtttaaattt	caataaaaaca	gctatggaat	ccaagacatt	540
cttggcgct	aataaaactgt	attctttgcc	aacagtgaaa	gtgcttctct	gttgcttggt	600
aagttttttc	cccttagaat	actaataaag	taattgatta	actttcattt	ttattttgat	660
ttgattggga	cagcaatttt	agcagtaaaa	aatgtcacct	ttataaatcc	tgtggtttct	720
ggtcttggn	aagttaaatt	caacctgacc	aggaaggcac	gctttaattc	ttat	774

<210> 4194
 <211> 771
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(771)
 <223> n = A,T,C or G

<400> 4194						
gnaacntttt	gnaaancctt	ngttctaann	gctgggntcn	nttggtntct	gcacgatccc	60
ntcgnctnca	attcggcacg	aggtcagatg	ttcctggntt	acgttgagct	ncantgaagt	120
gagaggggca	naggggggctt	gggaagtcac	aaggtcangg	agaggagaag	aagcgtgctg	180
gatgagtcac	actgnaggac	tcaagccagt	aggttcttgg	tagcccgntt	actgacctgg	240
agccangcac	tgatagcaac	gtgtntctctg	agggaaggcn	aatggnaaat	ccaagcangc	300
actgggatct	gcctgtgaca	ctcttggtgg	gcctggaccc	tcnnccctaag	ngagcttggg	360
ccantcagag	ccaccccagg	ngcccctncc	ttnatctcca	ttgtggcang	cacaggaaca	420
ttgtgatacc	canaaaatgg	actcctgtct	tgtgcacagg	atgcacctgn	gtttntctatc	480
ttncattcct	gaganctntn	nagccaggag	gacctgantt	gaatcctgac	tttgccnata	540
tnaatgacta	tgtggctgtn	ggtaacttac	ttatnctaca	tgagactact	tgtttcatct	600
gccgaaaaan	gtaccatann	atctgccttg	ccnttattga	cttnaggata	aatcaagtcn	660
gntantaaag	ggaaanntnt	gttncaactg	aaaaatcaat	taatggttca	ttgttctctc	720
ntttaaaann	gaaatacaaa	ngcttcngcc	tttagaacnn	tnntggagnn	c	771

<210> 4195
 <211> 744
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(744)
 <223> n = A,T,C or G

<400> 4195
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 gaggatgcat gaattactgc attaaaattg atttatggga attattgttg tttcagtagc 120
 atttcaattc agttgccaaa tagagcagtg ggcaatgtta acggaaacaa ctgcaattgg 180
 cgcagtatgg agtgccatc gcactaggaa atctgagggt cacaaaagaa aggagatgtg 240
 aggataagaa actttgtttt tcccttggtg ggaactcttt aggcctcggg ttctggtgac 300
 agccccaggg atcatcaggc ccggaggaaa tgtgactatt ggggtggagc ttctggaaca 360
 ctgccccttca caggtgactg tgaaggcgga gctgctcaag acagcatcaa acctcactgt 420
 ctctgtcctg gaagcagaag gagtcttga aaaaggtaag ataaacagca taaagtctta 480
 cccttctgca gtaataactg gaatatgtta ataaggcat gtgttangta gtatagcaga 540
 gaaaccccaa atttgagta tcttacctaa tatactttta attctcactc atgtaaagtc 600
 ctatgatggg tcctggatgc tcttccaagt gccagattca gagaccagc ttccttccat 660
 tttngggctc cattatcatc acttggtcnc caagactgca ggggaagatc atggatttct 720
 tcatgggana angggaagag gatn 744

<210> 4196
 <211> 763
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(763)
 <223> n = A,T,C or G

<400> 4196
 tntnnttctc aatngntggg ctacttggtc tttctgcagg tatcccatgc gattcgggtg 60
 ccaaggattc tattgccatg tggtgaggag taggagcaag gagatagagc aggaccaatg 120
 ttacaataag aaccactat taaccccaa gaatctgtct tgtgaggag ataaatagtt 180
 atcatacatg cgataagtcc cacaccagca catgaaaaga ttagaagaac aagagaaggg 240
 aagaaacctc ctgacctgtt tcagggtggg atgcttcata aagaggataa cagttaagcc 300
 actaacagta atgcctctaa tcttgaatct gttacctact agttttgtgt ccctgggcag 360
 gtaacttcat gtttccttgc atcagcttac ctttaaaatg agaataatga taattatcta 420
 acagggtcct tactgaggat tctgtgagat aatgcatgga aagagcttaa gtccatgccc 480
 aggaaatact aagtgtcaa agtaaagcat ttttttttcc ttttttatta cctagtccca 540
 caagagcaat ttttttatat caagattagc tttaaattca gaaggaaagg gaatacttga 600
 atggctcatt gccagtaacc ttatattgat gccatgtttt gactttgaga cattttttgg 660
 agtctttttt aatgnaata caggtttctg gtggaaacca ccctgtgtgt caaaaagttt 720
 cnntgacctt gtgtgtgtgt gnggggtggg acacatgtgt cct 763

<210> 4197
 <211> 774
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(774)
 <223> n = A,T,C or G

<400> 4197
 ntntttnnnn nnctnnttgg aaacccttna aggaaanacn tggcccttcg caactncagg 60
 ancccatcga ttcgaaattc gcacgaggag gcaggcaggg cntttgggtc ccttggttcag 120
 ctgttatggg gcttaggcca tgctcagtgc tggggacagg agttttgccc aacgcagtgt 180
 cataaactgg gttcatgggc ttaccattg ggtgtgcgct cactgcttgg gaagtgcagg 240

gggtcctggg	cacattgcc	gctgggtgct	gagcatngan	tcaactgatct	cttgtgatgg	300
ggccaatgag	tcaattgaat	tcatggggcca	aacaggtccc	atcctcttca	tgacagctgn	360
gagctcctta	ctgtgggaga	gctgcaggga	gccaaggagg	gctgcctgac	acacttgccg	420
ctctcgtgtg	aatccaagaa	actgcnttnc	tcaaaggggc	cctggtngtc	accttctncc	480
acagccattt	ccacccatcg	nntgtctaga	atctctttca	ttagcacatt	ccaacccctc	540
tgacactnng	tttaaaaaatg	agctccctgg	ctcantgggg	ccttntagaa	tctggaacca	600
gacggaggtg	gaagttaaga	agataggaca	gaacaagcag	gccccaaagn	ctatgggttc	660
actggggana	gaccattaat	tctncagatg	cttttactcc	tgatggcttt	tacccattat	720
tcttttcngt	tttaagagac	atgggctnac	tcttgnaacc	aagctgggaa	tgct	774

<210> 4198

<211> 774

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(774)

<223> n = A,T,C or G

<400> 4198

ntntttnnnn	nnctnnttgg	aaacccttna	aggaaanacn	tggcccttcg	caactncagg	60
ancccatcga	ttcgaattcg	gcacgaggag	gcaggcaggg	cntttgggtc	ccttgttcag	120
ctgttatggg	gcttaggcc	tgctcagtgc	tggggacagg	agttttgcc	aacgcagtgt	180
cataaactgg	gttcatgggc	ttaccattg	ggtgtgcgct	caactgcttg	gaagtgcagg	240
gggtcctggg	cacattgcc	gctgggtgct	gagcatngan	tcaactgatct	cttgtgatgg	300
ggccaatgag	tcaattgaat	tcatggggcca	aacaggtccc	atcctcttca	tgacagctgn	360
gagctcctta	ctgtgggaga	gctgcaggga	gccaaggagg	gctgcctgac	acacttgccg	420
ctctcgtgtg	aatccaagaa	actgcnttnc	tcaaaggggc	cctggtngtc	accttctncc	480
acagccattt	ccacccatcg	nntgtctaga	atctctttca	ttagcacatt	ccaacccctc	540
tgacactnng	tttaaaaaatg	agctccctgg	ctcantgggg	ccttntagaa	tctggaacca	600
gacggaggtg	gaagttaaga	agataggaca	gaacaagcag	gccccaaagn	ctatgggttc	660
actggggana	gaccattaat	tctncagatg	cttttactcc	tgatggcttt	tacccattat	720
tcttttcngt	tttaagagac	atgggctnac	tcttgnaacc	aagctgggaa	tgct	774

<210> 4199

<211> 1068

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1068)

<223> n = A,T,C or G

<400> 4199

tcccttttna	ctccttgaat	cccttgaatt	ncttatccca	tcgattcgct	gatctccaga	60
cccataaggg	agatgctgag	tagacaactg	gggctttttt	ggtctggagt	tcagaggaga	120
gatcgggaa	gtgtccattt	ggagtcattc	acgcagagat	gtgtgaaggc	tgctcaatga	180
ttttgaggtt	taaagaaaaa	aagagatgtg	aaaccagggg	ccctgatgag	gctgcccagg	240
tggttaaggaa	gacagaagag	aagccatggg	acagctgagc	ccgggcaccc	tcaagccttg	300
gaggcatgaa	gnttgggtgg	gatctgncnn	naaacacctg	nnanctgtca	gnngggccanc	360
anaccctnta	gnttcacnga	nnnnntncnn	nancaaaaat	ggncnttna	anatctcngn	420
ttatntaccc	ntngnagtca	ngnnngacta	cntnanaaca	tnctnatatg	naaanntatt	480
tcgngcact	cngncttta	ccanntctgt	nctttncnct	gggtacatgn	tcgnnatntt	540
tnctnggaaa	anattaattg	gctntttnt	nnanctnngn	ngaactgtaa	anttnnacc	600
ttcnacannn	aanntttnt	ctcnggggct	ncttncaatn	nacntaatan	ggncacagnn	660
nanntnanc	anatnannaa	acccttannt	atannacn	nnnannaaan	anttanngn	720
nnntnacncc	canancntc	tnctnaaaaa	tnggnnccct	tcnttcnna	aaancntcat	780
nnntnantnt	atanannngc	ncatttnact	ctnnccctat	aanantcnnt	ngnnntcccc	840
annaaatctg	gggnaacaan	ctttgnnttc	aaannannnc	tctnctnnnc	nctcacanac	900

gncanttnnt	ncaannngnc	acttacnna	antntntcta	ntatatctnn	cnngnntcnn	960
nnaatntnngn	cntnntctna	ancnttttta	tttnnanana	nnaacnttan	anccccatn	1020
ncctntntcta	naagcancnc	naacaanttn	tcnngncnt	cctnnncc		1068

<210> 4200
 <211> 755
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(755)
 <223> n = A,T,C or G

<400> 4200						
tnnnnttnnn	nnnctcttca	aatccttgtt	ctgcctttct	gcaggatccc	tcgattcgaa	60
ttcggcacga	ggctgtcggg	cctcagcaga	gctgcctacn	cacctgagct	ccgattcatg	120
tactacgtcg	atggcagggg	ccctgatggt	ggctttcgtc	aagtcaaaga	agctgtcatg	180
cgttatctgc	agacactcag	ttgacacttg	ttatatcatg	ggaccccggg	aattggagtg	240
aagctagaaa	cagaaaaccc	atgcagggcc	tcggattccc	acaaatgtga	caagaggtat	300
agggagttag	tcgcagcgct	ttgctcgtga	ccctggggtc	agagcaccca	tcaggcttcc	360
attactgtgg	gctcccctaag	aagaccatgg	agagcttggg	gactccccca	ggaaggccgt	420
gaagctgggg	attcccccta	ggaaagccat	gaggaactgg	ggactccccca	agaaggccat	480
gaggaagcca	gaaattggag	gtggtaggaa	gtggtactga	tcaatgatgg	ccagcaggac	540
tcattctctg	cctaactgga	caggaagcct	gcaccacatt	ctgtcttncc	ctggaactgg	600
gcactggcgt	acactgggat	ccctcctaaa	gaagtgactc	acctgactga	tcagcaagaa	660
gcctanatgc	aggcctacca	tggatggcct	cctagtgtgc	tggggaaacc	ctggaatggc	720
atcaggagaa	agcaccagga	atccagtcct	tcnct			755

<210> 4201
 <211> 766
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(766)
 <223> n = A,T,C or G

<400> 4201						
naataccagc	tacttgttct	ttttgcagga	tcccatcgat	tcgaattcgg	cacgagaagg	60
ccttaggctt	tttttttgta	gggtgagagt	gggggagaga	tctcttgctc	tggtgcccag	120
gctggctctc	agctcctggc	ctccggcagt	cctcccacct	cagcctccca	gagtactagg	180
attatgggca	tgagccacca	cacctagcca	ggctttttat	attgagttgg	ttatatatgc	240
ttcatagcca	cactttataa	tattggagta	tagtattaaa	ttacagcttg	ttgtcaagtc	300
agtgtttctg	taagacagta	tatccaatat	tgggttagagt	aacacctatt	tggtgatata	360
gatcaacagg	gtgtctctga	ttaatttagc	tctacatag	ccagaagcaa	gttcattatg	420
atttagaata	ttgtacatgg	ttatgcagga	atcatcccaa	cctatctgtg	tttataggct	480
agatgatgtt	cagttttatat	ctgctgatag	tgtatatgca	ggaaaaccta	taaaaccact	540
tcagacttgt	taaaacagtg	agaaagccgt	gattgaaata	ttaatacaac	ccgtgtggta	600
taaatctcat	ttacantggg	aatgtaaatg	ctgtcatttg	aatcttgnca	aagcctgcta	660
ctaaaactct	taaaancctt	gctaggggaa	taagtcttta	ntnccaaaaa	caatatanan	720
gggatgtgn	gtggataata	caaggacaac	catatgttgg	tggcct		766

<210> 4202
 <211> 791
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1)...(791)
 <223> n = A,T,C or G

<400> 4202
 ggnnnnnnn ggaacattn cncnanatgn actcnttgca aacgccccnn aatgcaggat 60
 cccatcgatt cgctgaaacg gaaacctttc gcaaagcctg tgcaggcaga ggattttaca 120
 cacatccttg acgtggcact gtgtcttcag ggggtgctgcc ctcttacaga gagacagatc 180
 tggaggccat ggccgttttg gtgagaaatg ccagaaacag cttcagtttc cacctactgc 240
 ttcataattta taatcacagt aatctatttc tcgnttngct atttctagag caacaaattg 300
 tgtgatgcga aattagtacc agaggaacaa tgactccact taacaaaaaa atagcaaggg 360
 aactatgaaa aatggcacia ctgcttaact ttaatagttg aagtcttttag gagacttcag 420
 tagttgaaat gacacagaaa aatcctcaaa ctaacatacc tacatgaaac tgagtttctc 480
 aaagtaaccc acatttatgg aaatagaagt ttgnnttgca gaaacatcag cncattttgt 540
 aaggngtatg tgatatttaa anttgatgatg cttgngaata agggaaatggg gctntaggtc 600
 tgaggaaagg ggagcattca ttcaaactgg gaggggggtt tgcattttta aggctgctat 660
 aagggcacga acttgngnga gacttggacc ngntttccgn atgnatnggg gacntctg 720
 tctaagccat tggggngngc nggactttct ccaanattct ntccaaacnt gnctctctta 780
 atttctccga a 791

<210> 4203
 <211> 844
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(844)
 <223> n = A,T,C or G

<400> 4203
 ggnnnnntgn nnntttcnaa tncnngctac tcgttctttt tgcaggatcc catcgattcg 60
 aattcggcac gagattacaa caatatggat agtagggagg aggaaaacaa gaggagaatg 120
 ggatcaacag aaggcatata tggggagtgt ctggatggct ggaaaattcc attttttgac 180
 caagatgtgg taaacacggg gagtaaagt ataattttt ctcttactgt gcttttaggt 240
 tttgttgcct tctgtctgta tgctgtgttc cacaataata aaaatattta aaaggcaaaa 300
 aaaagtaaaa taatgaatat aaaattacac tgaaactaca tattctcata gatagaattg 360
 taattattag agtttttgct gaataaagtc aaatagacta ttatagtagt tataaacgca 420
 agttaaattt ttagggcccg gcaaagtggc tcacgcctgt aatcccagca ctttgggtgg 480
 ctgaggcggg tggatcacct gaggtcaang tgttcangac cagcctggcc aacatgggtga 540
 aagcncntat ctactagaaa atntaaaaaa tttncctggt ttttggnggn ggggctcctt 600
 taatcccaaa ttactnnggg gagggttttg ggcaangaaa aaatttnttt caaacttttg 660
 gnagccccca ggtttnttan ngggcccttn naaatttttn ccaattnccc ctttcaagcn 720
 tnngggggaa caaataatta aaaacncnc tttttcaaan ttngaaaaaa aaaaaaaaaa 780
 naaaaatttg gnnccctttt aaattttngg ggggggggaa ttttnnngaa aaccccccaa 840
 tnnt 844

<210> 4204
 <211> 777
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(777)
 <223> n = A,T,C or G

<400> 4204
 aaaacnacag gctactngtt ctttttgag ggatcccatc gattcgaatt cggcacgagg 60
 aaagttgaaa tcctagtctc tggagtctc tgtgatggca aattctgcct tccttgtttc 120
 ttcttttttt ctctctgttt ttccatttt agtagttcaa atgggttttg tattattgaa 180
 gacaggtatg tctcaaattc atggaactca caaaaaaggc tcattttcta tcctcaagga 240

gctttacatc	taatggaaaa	cacacagtga	agtccagaag	gactcactgt	ggactggtag	300
caccatgagg	gctttccatg	aagaaggact	taagccagac	ttagcagggg	gggcagggtg	360
tgaaaggagc	tcatagattg	ttccaagtta	ggagagcatc	ataaaaagag	atggaaattt	420
acttgctaca	gttttagatt	tgctctgctc	atagcagaga	gtccatttca	gagcatatag	480
ggattgtcag	gacttaaaac	ctgctgtatt	tcttacttaa	gcacccctct	ccccagaatg	540
ataagagccc	anctttgggc	cttggaatgg	gagtagaatg	tgggtatact	gtctatcata	600
tganaaaatt	gcntngaacc	aacccccccn	cncccncaaa	tgccctgcatg	tnaaactggg	660
gaacactggg	taatatana	ggattattat	caatgtcaac	ttcctggact	ggngaatttg	720
gcctataggt	ttncctaaat	gtccccctga	anaaaaaggt	ttttgggggc	tttnttt	777

<210> 4205

<211> 828

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(828)

<223> n = A,T,C or G

<400> 4205

nnnnntnt	ttaagaccag	ctcttggtct	ttntgcagga	tcccatcgat	tcgaattcgg	60
cacgagagaa	gctccactgg	cacttttgta	ttcacaacta	ccgggtgcga	taaggcagtg	120
agggttatta	tgatacccct	tttcacaggt	aaggaaacaa	ggctcanana	ggttcaacaa	180
cagagtcata	attcttcttg	ttggagaatt	cattttgnta	catttcattc	ccaccatctg	240
cagtaaggga	gacccattaa	aataactat	cctgattttt	aaagagaagg	taacattaag	300
gccnnnaggt	tngggatntn	ncctaatcca	ctntgggctt	ctggactccc	atgcccaaca	360
gcctgcatga	tganaaagt	tcctcaaga	gcctagtgna	tgattctttt	ttngtgccan	420
ganacagact	gtggacctgg	agaggggtng	ggggctggag	aantagagga	ggtgganttt	480
ctacaacagg	ggntattgng	gggggtantaa	gaccaatgac	tacataaggg	cctncgtttg	540
gtcttngncc	agaaaaatgc	gtcttttagcc	ttttaacgan	tgcngtttnc	ctccattana	600
taaccagntt	taagccacng	gtgttngnt	gggcaccatt	ccannngctt	tngggencat	660
ggtntnttaa	accnaagtcc	ccctcnatca	anngttntt	taannanggg	ngcctttgan	720
ntnttttttc	tttctccag	nnngaangga	acntgttngg	gctnnntntg	cctttttggg	780
mnaaaaaatt	tttttttnc	gggttcenna	aaaancttng	ntnnnttn		828

<210> 4206

<211> 834

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(834)

<223> n = A,T,C or G

<400> 4206

tncaatncng	gctctngttc	tttttgagg	atcccatcga	ttcgaattcg	gcacgagcgg	60
acctctagtg	cctgatgttc	actttcttca	ggctcctcaat	ttcctacatt	taagctgttc	120
ggttaaactt	ttccatattc	agcttgagat	caacctcctt	tacataactg	attatttttg	180
ccttgaggag	aaaagatgac	gctaaacaca	gcacacatgt	gtttattata	tggttggaat	240
gtggaattca	aagatgaaag	agacgtgagc	tgcatcacta	aaaaagaaac	atattacata	300
aatgcaatgc	tgatatcata	gataataaaa	ttacactaa	ttttttgata	ttatcaatta	360
tgagtgccat	aatcagattt	gttttggtct	tagaaatgac	tttttacagt	tggtttgttc	420
aatccagat	cagataagtt	tcacacatta	aatctgttta	aaaaccaatt	tttaaaacag	480
acgactgtta	aagggccaca	tggggaagct	ttatggaatc	ttccaacaat	tttgttgtcc	540
cagctacttg	ggaggctgag	gcaggaggat	cccttgagcc	caggagttca	agactgggca	600
acacaaagaa	acccatctt	ttggctgggt	gcggtggctc	acacctgtaa	tcccagcact	660
ttgggagccc	gaagcaggcg	gatcatgagg	tcaggagtca	agaccagctt	ggccaacgtg	720
gtgaaacccc	gtnttcaata	aaaattcaaa	aattagctgg	ncatgggtggc	gtgcgtctgt	780
aattcccagc	ttcttgaaa	ggttgaggcn	naanaatctc	ttgaaatcca	gnat	834

<210> 4207
 <211> 782
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(782)
 <223> n = A,T,C or G

<400> 4207
 ctaatnctng gctactngtt ctttttgcag gatccctcga ttcgaattcg gcacgaggac 60
 acccagttta agggacattc tgtacgggtgc ctgaatggcg ctccctgaaaa ctgtgcaggt 120
 cctcaaggct gaggaaagcg taaactgtcc cagaccaggg aggccaaagga ggcgcgatga 180
 ctcaatgtca tgtggtgccc tggatgggat ccagggacgg gaaaaggaca cttgggaaaa 240
 actggtgaag ttcacgcaaa gtgtccgggt tagttcagca tcagagacca atgatggttt 300
 cttggttggtg acnaaaatgt tccatgggtc gaaagggtgc aacaccaagg gaagctgggt 360
 nagagggtc cagaatcct ctctactgtc ttttcagctt ttcggtaaat ccaaaagtac 420
 tttcaaataa aaagttaaat ttaaaaatga gaagccacct ccccccacgag atcatgaagc 480
 tccatgaagg ccaaggccat gttaatgcca aatgcattgt ggttgaattc actcgtgttt 540
 ggttgaattt actgatgttg gttgaattta ctgatgttg ttcaatttta ctggatgttg 600
 ggtgaaatca tttcatgttg gttggaattc acttattact gnggttctta ccatcttngt 660
 tgcagccctc ttcattcttt ttttctnaat ggncaaaaca ataantnggn tgtanttaca 720
 tatttattgg gngtntaaat gngngataat ttaatatntt gtttttaaat gnnngnatna 780
 at 782

<210> 4208
 <211> 882
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(882)
 <223> n = A,T,C or G

<400> 4208
 atnnnnnnntt tctaatacnn ggctactngt tctttntgca ggatcccatc gattcgaatt 60
 cggcacgagc aaataagtta aatgtatatg gcattggatt ggaattggag gtatcagtg 120
 gaactcatgg ttttgggttt tttgtttttt gccttttttg ttttgttttt gttttttgag 180
 gcagggtgtc actctgttgc ccaggctgga ngaaatactc annaacgana cncatnngt 240
 tatcanaagc tgctacgcnt ntcattgntt tggtanngan cnacacagat agtcntnng 300
 tattcancga cttannctan anagagacag natgggaatt aantgttaan gtgctagcca 360
 acaagtaaaag attcncataa aacaanggtt atatnccag tcatcaaagt gataaatttt 420
 ccctgctaac tttagattaa aaagtanttt ttangccann ttgtgngngg ctccacacct 480
 tttntccctn cactttttng caggcntnan ggttngacna natccctttt nactnttcan 540
 gaantnttcn nnnaccctcc ccttgggcna nncantggnt cgnaaacccc ccatcntttt 600
 tccncaaaaa aattcccaaa ntttcgcngc caccgggnt ngnnntnccg tggtanccnt 660
 gattnttttc ncncttccan ccggnnnngn cncnacngcc ananaaaaaa ccttctntnt 720
 anccctngnn gaggcncnn gtttcncnat ngnncccnna aaattggggg cttttagnan 780
 ctcttaccct cngccnnnc nganttnaan cnattctttn aaataaaaaa accctcctta 840
 ancttattat ngagtccgta tttncntanc aaccntacn tc 882

<210> 4209
 <211> 881
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1)...(881)
 <223> n = A,T,C or G

<400> 4209
 nngnntnntn ntttctaacg ttggctctcg ttctttttgc aggatcccat cgattcgaat 60
 tcggcacgag agaaagattt tctttattaa tgacccaac cgtatttctt tagatacagg 120
 agttttgaac tcaaatactt aggagaaaac aagttatgac tgcattatcc tgcaactcat 180
 taccagtaat atattgcaaa gcgaaacagc ttggaaaaga ggggtgggaga aaaggggaagt 240
 gagggagggga agataaagaa aaggaattaa gttgatcaag tggaattctt tttttttttt 300
 taattcttgg gaactatgaa gtctttgcaa gcacagctcg tttctgcaga ttattttcca 360
 aacgtgtaca aaatggaacc aaaacggaga atcccttaag aacctgaaga ggcgcaacat 420
 taaaagctac gattatccag tagcaagtgt tccagccttc agttgccagc cgcttctctc 480
 tcttattccc aagattagcg ggatgaaaac gtcttcccg tgattgtttt catttctttt 540
 ttctcggcat ctgggcgtgc gcggttcagc accttgagga agtcagacgt ttteggccgc 600
 atcgtgtgtg aatataggcc ttagagcact tgatgtggtg gtgcaggtag tcccggaacg 660
 tgtggatcag gttgatggtg tttgtctcga gcncncnnnn tnnntnntnn nntnnnnntn 720
 nnnnnnnnn nctnnnnnn ntntnnnnnn tnnctnnct tnnctnnct cncctnnnn 780
 tctnnnnnn nntnnnnnn nnnnnnnnn ntntnnnnnn tnnctnnnn 840
 nnnnnnnnn nncctttttn nctnnnnnn nenctnncc t 881

<210> 4210
 <211> 785
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(785)
 <223> n = A,T,C or G

<400> 4210
 ggnnnnnnnnt nnnttttaag atcagctatt gttctttttg caggatccca tcgattcgaa 60
 ttccggcacga gatcacatct ctcaagtttt aaaatgggtt tttttgttgt tgttgatggg 120
 ggggagagggg tccagcagct tttaaatgtt ttcacatcgt gtgttccaaa aataactggt 180
 tagcctaagt cacttccacc ctccaatgtt gtgaatgcag tctctagcat tcgctattta 240
 atgtcttctt cctgcactat ttgagaaatc gcgaggtcga cttaataccg cagtcgccac 300
 ttncgggacc ggagggcgga gtctgcttag ttctgaggac tgcgtgggtc gcgcagaga 360
 gtccttgcta ggctgcgcg tcccgttcta aattcttacc ctttagttct tgtcaccacc 420
 cccgcggtg gaacggcctg acagtcactc gtcaaaggaa gtggctgccg gcagctcttg 480
 acccggaatc ggatcctagt cccacccct ncnccagc tttcttctgc aacaggcgtg 540
 ggtcacgctc tcgctcggtc tttctgccgc catcttggtt ccccgttccc ttgcacaaaa 600
 tgcccgnga aaccacagaa acccgctcct gtcacagagc angagttgcc gancccccagc 660
 tgagacaggg tctggacaaa atctgacant gatgaatcnc cccagagctt gaagaacagg 720
 attcaccca gcaccacaca acaagccag ctggcggcag cagcttgaaa tcnatgaaga 780
 ccatc 785

<210> 4211
 <211> 839
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(839)
 <223> n = A,T,C or G

<400> 4211
 tngnctnnnt tggatanatct ngnntttcta atncttggcn atcgnantnt ntgcaggacc 60
 catcgattcg aattcggcac gagccgacta cttgtgcagt ttgccctgct gagccctcct 120
 cgccccggga ggcagaaggg gaggggtcct cagcaatatg ctgagcacct cctaaacaac 180
 atcacctgaa aaangaacct agangaganc cattctcaaa tctgatcctg gactgagctc 240

gagagctggg	ttgagagctg	ggttgatcaa	agttgggatt	ttgctattat	tgtgacaaag	300
gggccagcct	tgcagtccan	atcctgaaag	gcctgggaca	aggccaggta	atttggggag	360
tcctcctgc	atttgtgcag	gatgttcagc	ggcatccctg	gccaccact	atgatgcccg	420
cagcaaacc	ctcagttggg	acatttaaaa	atgtctccag	acnttaccac	atgggacagc	480
attgnacca	tttganaagc	accgggttgag	agcaaatnca	caaatntnta	aaatgggaga	540
tttgggccgt	gngngngcaa	gcctgtagtc	caatntcntn	ggaggccaag	gctgggagga	600
tcntttnatc	cccaggaggt	anctttcccg	nngggcgaa	aactgcacca	ntgaactncc	660
atattgaatt	gaacagaanc	ccangacnct	ttnttttttt	aaaaaaaaat	atntntntaa	720
naaaaaaaa	cttngnnncn	ttnttaaaaa	nttttatngg	gangtnggtn	ttaccgttga	780
anccccncn	ttgaaaaana	aancatttgg	tttaagnttt	gggcnnaaac	ccacancnt	839

<210> 4212

<211> 794

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(794)

<223> n = A,T,C or G

<400> 4212

ggnnnnnngg	nnnnttcnat	nnnagctctn	gttctttttg	caggatccca	tcgattcgaa	60
ttcggcacga	gagtttaaaa	atacttcttt	gtaaaagtta	ttgcacaaag	aaaagacatg	120
aatgtgtccc	tgttatgtac	tcacaaggat	aatgatgggg	ttgttgctca	ttaatactgt	180
ttcttgtgca	ataactttta	caaagaagta	tttttaaact	gatcattaat	tttatgacca	240
cagaaatgag	atgcaaaatt	tatgctattg	tcagtggcac	aggctcacag	caccactgac	300
attttgtgtg	attgtaatag	aatggctgcc	aactaatgat	tctgtagaca	tttcatttga	360
gtgtgctttt	ctttagatgt	gtgattagct	gtaatgcttt	cacttatgtc	tgtaaattat	420
attggatatg	tttacctgat	gcctattgtt	gatttggagt	tcagttttgt	attacataaa	480
tgcaagttga	actttttttt	tttaatttat	agaagtcttt	gcagggtata	ctacaaatac	540
tcagcccctg	gggaggaaaa	atgctttgca	ctactcaaca	gtaacccctg	cgttcagtta	600
aaactcctta	taagacagca	gcttttactc	tttattgggt	cgaaaaaaaaa	aatanggggg	660
aggaaaangg	gatggaccat	cctgggacaa	tggtagaagt	gaagaanacc	atccttgaaa	720
aatgaggngt	ccttccttta	atgcaagggt	aaaaaggggc	tnntccttna	tatatagcaa	780
tatagaatct	ttgg					794

<210> 4213

<211> 775

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(775)

<223> n = A,T,C or G

<400> 4213

nnntaaganc	agctcttggt	ctttttgcag	gatcccatcg	attcgaattc	ggcacgagca	60
gagaggcagg	gataccagat	atggggaaat	ctgtaattac	atgcaggcat	taaatattta	120
aatatatatt	ttcttctttt	aattgtggta	aaacacatat	aacataaaat	ttatcgtctt	180
aaccattttt	aagtgtactg	ttttgtagtg	ctgagtgtat	tacattatta	tacaaccaat	240
ttccagcacc	ttttcatctt	gcaaaactaa	aactctttac	ctattaaaca	actactccct	300
gtttctccct	cctcccagtc	catgagaagc	accattttac	tatcttttct	gtgagtttga	360
ctctacaaac	ctcatgtaag	tggaattatg	caatatgttg	acaaaccaa	ttctgtacaa	420
tatttaaaaga	ggtttagtct	gagccaaata	tgagcaacca	tggcctagga	cacagtctca	480
agaggtcctg	agaatatgtg	atgtgcctta	ggtagtccag	tcacagcttg	gttttgtcat	540
tttagggaga	cagaagttac	agacaaagac	atacatcaat	acccgtaagg	cacatgttgg	600
ttaagcctgt	ggaaagatag	gacatcttga	aaccaggcca	tcacatgtca	cangtggtat	660
caaagatttc	tgattgggtg	aaaatctttg	gttgggtgna	agaagttaag	ctttgnctaa	720
aggcttgga	gtcanggaga	aacaattgct	ttgagttaaa	ggtaangggg	gtgng	775

<210> 4214
 <211> 797
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(797)
 <223> n = A,T,C or G

<400> 4214
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 anatgggttn tttttcnggg gggngggang gaacanattt gcattaacaa ctactgngaa 120
 ttntccatnc aangataatc tcncatgtcn aanancccnt ttnttaaant nngaattggg 180
 ttgggcttat cagaatannt ntattattaga ggcttttttn caaanntcac nggttncacc 240
 tgnaancccc cataatnntn tttttaancn gctgntctan ggatgagccc canttanttn 300
 ntgcaagnng ggananaacnn nntgtgtan tncanatnnt ntgctngaac cngnncactn 360
 nttcataact agctngancc catttcccg gnacttcggn cgntnnannt tnttangeccg 420
 gccnaacca atgantaggt gaaaaggacc cncatgtnc cccaangna tanaccccat 480
 atttccatga antannacct tnttctgtng ggatgcccc tcttagaanc tntgggncat 540
 gnngagnngna agccctgagc atttntntna acatgcctac ttactncncn aanttgcna 600
 ggantgtgnc ngtgccantc catgaatggg gtangggcga gatccncgca aacagccan 660
 ttgntacca tgagatatgg aatnttccn nctatggcaa antaatggc natttncaaa 720
 nttgnggaca aantgaaagg acttgtgttg ctnggcnnna aanagggng gggggtggg 780
 natttttaan aatcctt 797

<210> 4215
 <211> 846
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(846)
 <223> n = A,T,C or G

<400> 4215
 ggnnnnnnng nnnngttcna atgcttggca atcgntntnt nggggncncn tcgagacgct 60
 ggctccttta tcagatatta ctggatcatc acctgtgnag gctntntgtt taatgatnnn 120
 nancatttga atggcaacag ntgcgnatgn atcctgccta naanacncn tactcgntan 180
 nnantttggt gtgtgcntgc ntctantnnn cnanatcctg tgacacatc ggaatttnan 240
 tagaancagt acagnnctt angcagnata aaccatcctg nggnnanana tgacacnctg 300
 cnnagcncat tnnnnncnc nntnatggt gntgggncn gnaaaggnt tgaaacangt 360
 cgtatgnncn tnacanggca ccnggcta atgctactgt gtnaacncag gnnatgagct 420
 gcagcnttgc ctntcttacn antgctcact ggggtgtgaag gacctgcttg tgaggttnt 480
 gttngccttt tntctggactn annntaancc nntacnaang ccngcattgt tcattaccan 540
 tngccttntg aantntnana gnagatgnca ttgggacnaa tnggacagtn taaanganna 600
 ccgcttngat ggagnggacn ngaatcgtt cttacntcan ggggccactt tattaanatg 660
 ggngaacttn ncacntnng ctcctangcn ctccaaggt naccttnggg nncnntggg 720
 gaatttaaac aantncacaa nggtggtctg aaaatcttcn nnggggactt aattnaaaga 780
 aattnattcg gggttttccn gggggttcac ccangangtn ttnaactttc ncannccna 840
 nntnt 846

<210> 4216
 <211> 860
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1)...(860)
 <223> n = A,T,C or G

<400> 4216
 gngnnnnnnn tttgnaacnt tgctaagtct ggctactcgt tctttntgca ggcattcccat 60
 cgattcgaat ttcggcacga ggttgtagca ataaagtgtg caacctacag caatagccag 120
 tcaataaagg aaatgatgct gatgtagcat ttatgagcct taaaaaaca acaaaaaacc 180
 ttaagatggt aaatttattc caaggattct tttttttgt tgtacatgaa tgttcatac 240
 aggtttatgt gtaatagcca aaacagtata cacctgaatg cccaccaaca agtgactaga 300
 taagcaaagt acggtacatg gatatgatgg actacctcag agcaataaaa aagaatggac 360
 tattgataca tgctacaaca tggatgattc tcaaaggaat gacgttgagt tcagaaagca 420
 agacaaaaaa gtacattcta tatgattcca ttaataataa ggaatatatt atattcaagg 480
 aatagtatat aaatataaag gaatatttta tattcaagga atataaatga atataaatga 540
 tataaagcag atcagtgatt gccaggagat gaggtggaga agtagagagg ggaggaaaga 600
 agggattact aaaggacatg aagaaacttt tggggataat gtttatgttc actattttga 660
 ttgggctgat ggttttacat atgtatacat atatcaaaat gtatcaatct ttatactatt 720
 aaatatgtgc agtttggttg taagtcaatt atacctcaat gaaacctcat taaaaattac 780
 catattttgg gggatctaaa aaaaaaagnc ttntagaact tanntgagtc gtnttccgtn 840
 gattccagac attgataant 860

<210> 4217
 <211> 714
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(714)
 <223> n = A,T,C or G

<400> 4217
 gnnnnnttgn tcnaaagccn ggnaaaggaa ctcttgnac ncccnngca ggatcccatc 60
 gattcgggtt tgcccccttt tagcctccca gagcttcgag gactcaattt taacccgaaa 120
 tcctgccgng ggggaggggt tgcgtcgaga cctgggcccg gggagggtct cctgcgtcac 180
 tttctgtcct gaaaggcgcc ctctctggtt tctgtggctc caattttcta tgcagcccca 240
 cacccttggt tgttttgatc ctgagaaata aaaggaggcg tgaattattc aaatttaaat 300
 gaggtttccc ctctcatgga gtgctgctga cccttcgtgc agaaatgggg agcacttgag 360
 gacacaggtg ggtggaggcc ctttgtgctg ggctggctgt attcgggcag ccctccgtcg 420
 ctttttataa aactttgngt gagaagaata tattgataat gtcagtgaag caagcagaca 480
 ttgaaatgga ggcacagatt actccacaag gagttcttct gtatattttt tctagatgca 540
 aatcctntta atatgnaatt aatgtaagnt ttctagctta tatcgaactg ggngngggac 600
 gggggacact gtactggata agntgggcan acatcctgag nncgaatgcc tgaccacgga 660
 aaatatanaa tttattgctt taaaaaaaaa aaccacctna cangggcgna cnac 714

<210> 4218
 <211> 849
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(849)
 <223> n = A,T,C or G

<400> 4218
 gnnnnnnnt ttnnaacttg caatcgctgg ctactngttc tttttgcagg atcccatcga 60
 ttcgaattcg gcacgagaaa ggctagctat attagctggg gttcccccca aaagcaacat 120
 tggagaagga ctcatgggca gatactttct tctggaaaat gatcccgtag gatatgggta 180
 gaaaaagaaa ttgggaccag aaagaatgaa acaggaaaga aagaaagcct attgaaggat 240
 ataaaatttc tgtaaacaaac tggagcttag tccactgag gccccctgag gaactgcgca 300
 gaatgtaaga cagaggagga aatatttagc caccagttcc tatctcccat tggccaactt 360

gatgctgagt	tcaggagtgg	tggtcacac	ctgtaatctc	agcatttttg	gaggccaagg	420
tggtgggagc	gcttgagcct	cagagttcaa	ggccagccta	agcaacatag	caagacccca	480
tctctacaaa	agaaaaat	aaaaattggc	tatggaagta	tgaagggtata	tgccctgtagt	540
tccagttact	caagaggctg	aagcaggagg	attgcatgaa	cccctgaact	caagactgca	600
gtgaactata	actgaacgat	ggcactgcag	cctgagcaac	agagcaaaac	tcttgtctca	660
aaaaaaaaaa	aaaaaaactc	gaggcctcta	gaactatagt	gagtcgtatt	acgtagatcc	720
agacatgata	agatccattg	atgagtttgg	acaaaccaca	actngaattgc	agtgaaaaaa	780
atgcttttatt	tgngaaat	gnggatgcta	ttgcttttatt	tngtaancnt	ttttaagctg	840
caattaaac						849

<210> 4219

<211> 794

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(794)

<223> n = A,T,C or G

<400> 4219

gnnnnntnn	naaancagct	ctngtttnna	aaanantgct	acttggttctt	tttgcaggat	60
cccctcgatt	cgaattcggc	acgagaacaa	ctccctacgt	cctgtgtggg	gccctgcccc	120
agtggatgag	gcattccttg	aggagtatca	ttttccctga	caatcccat	caccttagg	180
ggtccctgc	ttggctcctt	tccagctgaa	aaactagacc	tgtgccattg	gggaagctgg	240
acaaagtcta	gggggcccgc	ctggtagagg	gtcccgggaa	gctggatctg	tcagcctcgg	300
ccctgaggcc	cctgttaact	caagactgtg	agctgcctct	aggtggtcac	gtctgggagc	360
tagcttgat	ggcttctgac	cagtatcagg	atttctgttc	tgagagcagc	gtgggcagcc	420
tctagaacta	tagtgagtcg	tattacgtag	atccagacat	gataagatac	attgatgagt	480
ttggacaaac	cacaactaga	atgcagtga	aaaaatgctt	tatttgtgaa	atttgtgatg	540
ctattgcttt	atttgttaacc	attataagct	gcaataaaca	agttaacaac	aacaattgca	600
ttcattttat	gtttcagggt	cagggggagg	tgtgggagg	ttttttaatt	cgcgggccgc	660
ggcgccaatg	cattggggcc	ggtacccaac	ttttgttncc	nttaatgagg	ggttaattgc	720
ccccttgggg	gaaaanatgg	gcatagnntg	tttccttggg	ggaaaatggt	attcccttca	780
cnaattccac	acac					794

<210> 4220

<211> 825

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(825)

<223> n = A,T,C or G

<400> 4220

atanagctat	tggtcttttt	gcaggatccc	atcgattcgc	gcccctgcat	gatggcagcc	60
gcactcctgc	ccagagtggg	gcctgggacc	ccaacaaccc	caacacgccg	tcacgggtcaa	120
cccacaatac	aaccgcgaga	cgccagggac	gccggccatg	tacaacacag	accagttctc	180
tccttatgct	gccccctccc	cacaagggtc	ctaccagccc	agccccagcc	cccagagcta	240
ccaccagggtg	gcgccaagcc	cagcaggcta	ccagaatacc	cactccccag	ccagctacca	300
ccctacaccg	tcgcccattg	cctatcaggc	tagccccagc	ccgagccccg	ttggctacag	360
tcctatgaca	cctggagctc	cctcccctgg	tggtctacaac	ccacacacgc	caggctcagg	420
catcgagcan	aactccagcg	actgggtaac	cactgacntt	caggggaagg	ngcgggacac	480
ntacctgnat	acacaggggg	gngggacaaa	acaggtgtta	tccnnnagtt	gnacnnggta	540
cngtgggggc	ccaagngtgg	gnggnntgaa	acagntnttt	ttttttnttt	gnttnccccc	600
ttaaaattgg	ganaananna	cccttttncc	caaaaatggg	nganaacccc	aaaantnggg	660
caaaaaactt	ggggatttgg	gggaaaaccc	ttaaangggg	caagggggga	gcnttttntg	720
aaaccccaaa	ngngggggnt	ntttaccctg	gatttaancg	ggggaaatna	agggangggc	780
tttcctttgg	ggaaagggan	aaaattttgn	gcccaaaaac	cttgt		825

<210> 4221
 <211> 819
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(819)
 <223> n = A,T,C or G

<400> 4221
 cgnnnnnttg ttgaaanagc naggctactn gttctttttg caggatccca tcgattcggt 60
 ttcttgtagt tactatgctg tcttcctat cactacctgt tggctgaggt agtgataggc 120
 ctaaagtatt cattatctta aatgtactaa atatgttgag taattttttc ttctaaacta 180
 acagaaagag agaacctagg agttactccc ttaggctggg taaagtgaag ggtagccaag 240
 tcaacccagc ttgtttcctt ctctcattag gaaagaacta ttgttcattc tcataacaca 300
 ctttttccaa ttgcaaacat actcagggtt aaaatagttt agcacaatt gcagcccatt 360
 tcatttggtt ttcacaagct ggaacttttc ttgtaagcta aatattaaat ggttcaagta 420
 aattggatac ataagcctga aactaggcgt ttctcattat acatagagta taaattaaga 480
 cagacttttt catggtgaaa gggttacagc ctttaaaaca tctgggaaga agtgggaaag 540
 tagggaataa ctctgttaaa tatgataaaa gacaaagcac caacaaaggc ctagtcttaa 600
 acttggtata atttctcatg gggaagtttg ngggttgta caagggtatg ggcggtccca 660
 agcaagttta ccaatatatt ttagaaaata atnacctccc cagaaaatat ttttnaaaaa 720
 taagggaccc tttcntttta atatggnaaa ananaanaan ananaannnn nnntnnnnnn 780
 nnnnnnnnnn nnntnnnnnn nnnntnnttt ctnnnnnct 819

<210> 4222
 <211> 766
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(766)
 <223> n = A,T,C or G

<400> 4222
 naataccagc tacttgttct ttttgcagga tcccatcgat tcgaattcgg caggagaagg 60
 ccttaggctt tttttttgta gggtagaggt gggggagaga tctcttgctc tgttgcccag 120
 gctggtctcc agctcctggc ctccggcagt cctcccacct cagcctccca gagtactagg 180
 attatgggca tgagccacca cacctagcca ggctttttat attgagttgg ttatatatgc 240
 ttcatagcca cactttataa tattggagta tagtattaaa ttacagcttg ttgtcaagtc 300
 agtgtttctg taagacagta tatccaatat tggttagagt aacacctatt tggtgataca 360
 gatcaacagg gtgtctctga ttaatttagc tcctacatag ccagaagcaa gttcattatg 420
 atttagaata ttgtacatgg ttatgcagga atcatcccaa cctatctgtg tttataggtc 480
 agatgatgtt cagtttatat ctgctgatag tgtatatgca ggaaaaccta taaaaccact 540
 tcagacttgt taaaacagtg agaaagccgt gattgaaata ttaatacaac ccgtgtggta 600
 taaatttcat ttacantggg aatgtaaatg ctgtcatttg aatcttgna aagcctgcta 660
 ctaaaactct taaaancctt gctaggggaa taagtcttta ntncacaaaa caatatanan 720
 ggggatgtgn gtggataata caaggacaac catatgttgg tggcgt 766

<210> 4223
 <211> 873
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(873)
 <223> n = A,T,C or G

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<400> 4223
gnagnntnnnn nntttgnaac nctggctact ngttcttttt gcaggatccc atcgattcgn      60
attntgaaca agctgtntcg tgtgtacagt tgctgctgtt attgagccag cagtgccttg      120
ncctgccttg canngtctgc acagctccca ctgcttctat nngntgttgg gcncgtgagg      180
catgacttgg angggggctt ggtgctgag gacctgctga agagaatgct caccaccagc      240
tctntgntnc ctttctgct ttggnaatca acacgtgnt gcctgcagtg gccngaccg      300
tgactgtttc tgcccttggt cctagttaan agccttcaaa agcataatga acactttnga      360
tatgatattg gaactttagt aaatgcttta cttccctcta attgcccna aatgccttaa      420
tnttgtggac tgtttatttc aacagggtga agtgttggtc ntgcgaaatc ttggtnttcg      480
catttcaaga agggagtgtt ttattanttc ttcttctat ggaacgttcc aagtgttgg      540
atntaaagaa gggctctgaa gcaggagttn ncacctgctc tgagggaact tggggctcca      600
gggacgtacc ccaaagtgc gccagnttt gaaactccct gacagcctgn tactacntag      660
tgggctcgag ggtttncann atgaagaaga gttgtntccc taaaagtgtt tgaaaccctg      720
tggctttcaa agcaaaggta cccnttgtcc cancattntt nncgnnaggt aggggntca      780
ttgaaaaacn tgtngggcaa ncctgntggg ttttggctcc ccctgntngt nacaatnggg      840
acctnttttt gaacngtnng gaangggcta nnt      873

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<210> 4224

<211> 776

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(776)

<223> n = A,T,C or G

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<400> 4224
caaancagct ttcngacccc ttcggaccca tcgattcgtt gctctatgtg atgtttatta      60
tcaaatacat ataattttga agatttttaat gaatgnntta agattttatc tttgtgtaga      120
atgtggctaa agaaacctta gttgagattc aagaagttgg tgtctgtttc tgattcttat      180
cacaacttgc tacttagtgt ctaccaagtc ctccacctct ttgctcctca aagagctgtg      240
aaaaatgatg gcaggagccg gtacaacacc acagacttag agaagggcac agtgcgtgctt      300
tattgaatga tctaccaagg taaaattttg ccgggtcaag aaatagcaat ttaatccatt      360
taaaggaaatg aatataattt gaaacattaa cttatttcaa gactaacatc tcaaagtgtt      420
gagacctttt taaaagagc tttctggatt ttgagcatc tttcactggc tgtgatttat      480
aagaatttgt ggtttngnga gtactgccta aatgccaggg taaaataagg cagncccatg      540
ccttacctgc cctgggctca nggcctcaca tcttttgggt acgcacatct tttctcttct      600
ccctgnttct gctctcccg cgcataatcc tcttagcccc cagagcaaan nnnnanaaaa      660
nnannngnnn cnnnnannnn tttnnnnccn annnnnnnnn nngannnnnn naaaaaacnnn      720
ngcctttnaa ananatnggg gggncnntt nccgnaaacc cccacnnngt nanaan      776

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<210> 4225

<211> 869

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(869)

<223> n = A,T,C or G

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<400> 4225
gagtnnnntt tttgnaacct tgctaattgt ggctactcgn tctntctgca ggatcccatc      60
gattcgaatt cggcacgaga gcagattcag tgtcgatgag agcctgcttc ctgcttcata      120
gatgatagaa gtgcaaagcc agctgtctgg gcctttttta tgatactgat cccattcatg      180
aatgctctgc cctcatgatc atttcaattc ccaaaggccc cacctcctaa tattatcaca      240
gtgataattg ggttttcaac acatgaattt gagagaaaca cattcagttc ctagcattag      300
cttgcttata tttatttcat ctcatctctt ctcatagctt ttatttttgt ttcccctgtc      360
caatttatta tagttttttg tctttttata acttttaacc atctttttaa tttctcttat      420

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ttatttctct	ttttactgtt	gagttacaac	tctcggctta	ttcagtggca	aagcaggaag	480
agatggcact	gaggcatctt	gacctgaag	gatcttttaa	ttcctcttag	cagtcttaac	540
atthtttcca	tcagccctg	ctatagttg	aatgtttgtg	ttctctttaa	aatccatgtt	600
gaaacttgat	ctccaatatg	acagtggtaa	gaggtagggc	cttatatttg	agagcactac	660
agggtgagta	cactcaataa	taatgnattg	gatatttaaa	ataactaaaa	ttgtataatt	720
ggaaatggtc	cctaacccca	aaggaaatgg	ataaatgctt	gggggttgat	ggataccccc	780
aattaccctt	tatggngant	catttacata	ttnaaatgnc	ttggatcaaa	accattcacc	840
ancattcccc	accattaaat	gntntnncn				869

<210> 4226
 <211> 763
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(763)
 <223> n = A,T,C or G

<400> 4226						
tnaaaataca	ggctacttgt	tctttttgca	gggatcccat	cgattcgaat	tcggcacgag	60
agggacaagg	ctataaatat	cattaatacc	aggttcagga	gtttgcactg	cactaaaaat	120
caactcagct	atthtgagcac	cttttataga	gtggaaatgg	ggttgggcag	tagagaagag	180
cacttttaga	gaggcttttc	tgcagtagtc	aggggttaca	cctgttaacc	agccataatt	240
ttttttttaa	gcggtgtgtc	tgaggatgag	ccccatgtag	ttggtgcagg	tggggacaca	300
ctgcctgtgt	aactagaaaa	actaggcatg	gccgggcacg	gtggctcaca	cctgtaatcc	360
cagcactttg	ggaggtcaag	gggggaggaa	cacttgaggc	cagagacaat	ataatatata	420
atataatata	ttgaccagcc	tggacaatat	aataagagcc	tctctgtaca	atttaaaaac	480
taaaagcctg	gggtggtggc	acatacctgt	agtcctggct	acttgggagg	ctgtggcagg	540
tggattgctt	gaacctagga	gttcaatgct	gtagttagct	aggatcgtgc	cactgcattc	600
cacctgggtt	ggagtaagac	cctgtacaca	cacacacaca	cacaaaacaa	tgcacaatgt	660
gcatcaaaaag	ggaagcgaat	aggctctgta	gtaggtggca	aaaggtggtg	gtctgggaaa	720
caaggccacc	tgtggtgtgg	ggtgggaaaa	tgtttaaacc	ctt		763

<210> 4227
 <211> 865
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(865)
 <223> n = A,T,C or G

<400> 4227						
gnnnnnnnnn	tttnnaactt	ttcaaatact	ngctacttgt	tctttttgca	ggatcccatc	60
gattcgaatt	cggcacgagg	gccgctgctt	ctttcccag	cttggaactt	cgttatccgc	120
gatgcgtttc	ctggcagcta	cattcctgct	cctggcgctc	agcaccgctg	cccatggcat	180
cctgatgggc	gtcccagttc	cctttcccat	tcttgagcct	gatggttgta	agagtggaaat	240
taactgcctt	atccaaaaag	acaagaccta	tagctacctg	aataaaactac	cagtgaaaag	300
cgaatatccc	tctataaaac	tgggtggtgga	gtggcaactt	caggatgaca	aaaaccaaag	360
tctcttctgc	tgggaaatcc	cagtacagat	cgtttctcat	ctctaagtgc	ctcattgagt	420
tcggtgcatc	tggccaatga	gtctgctgag	actcttgaca	gcacctccag	ctctgctgct	480
tcaacaacag	tgacttgctc	tccaatggta	tccagtgatt	cgttgaagag	gaggtgctct	540
gtagcagaaa	ctgagctccg	ggtggctggt	tctcagtggg	tgtctcatgt	ctctttttct	600
gtcttaggtg	gtttcattaa	atgcagcact	tgggttagcag	atgtttaatt	tttttttaac	660
aacattaact	tgtggcctct	ttctacacct	ggaaatttac	tcttggaata	aataaaaact	720
cgtttgnctt	ggcttctgca	aaaaaaaaaa	annnnnnnnn	nnnnnnnnnn	nnnnnnnnana	780
aaaaaaaaact	nngagccctn	tanaactntt	ngggggggcg	nnntttacctt	anaatcccgn	840
accttggtgatt	angnatnccn	tttnt				865

<210> 4228
 <211> 1228
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1228)
 <223> n = A,T,C or G

```
<400> 4228
ggcngtncc ccttattgga acctttctaa tgctggnta ntccangtac cnntcgtacc      60
cacgattcga attnggcacg aggctccacc cagttctccc agttcntnat ggacgactcg      120
ctactgctgg cctngggggg gttcctgggg ccgcacaact cctnatccgg cgagattgct      180
gtcatcagcc tanactcctt cgcgctgctg tcccgcntgc ggaacaagnc ctatgacgng      240
tttggtggtt ggctcaccen ngaccagcct catcttnngg aacctgcacc gnattgnana      300
tatnacctnc tgctntgtgc tgnngcttaa cnttgnctan aacnatgtgg agtnngagaa      360
cgtcaacgng gtgaagcngg ctgnttaaga tccanaacct caatgncngc nncgtccgca      420
cggatgatgg ggcccgctg canccgnttc nacagtcctg anttaaaaca gttngccta      480
ccnncaaan ancnatncat antnctnatn tctntntttt ncttcaann tnncatctcn      540
ntacttanaa tttcncctnc naancntttt cntnttttnn tnntancntn ttctnnctcc      600
tccnnntct ctatcntgan ntccanntan tctnnmnta ctacattctt canttcatan      660
tcnctcanan ttmmnctcnt annntncatt atccttnta ncnnaactc ttatcacnt      720
cgcanacanc tantnnctn tcacncnctc ttctaataa catnctcctc ctgcncatc      780
tctnacctg taacntctat atntnnttcn ctgcatnctn aataatata ntacactcan      840
nacaananna canacaccnc tcatnttcat actntnaa nctcncctc tcatntntc      900
tcgtctnta cataactcaac tactctatat ancgtngacn cnggnnatct ctncgaannt      960
tctcncctac ttngtcaen attntatcac tntcacttca tntcncgtct cctctaaca      1020
nnccattac cntcantngt gntnttnct cncctactcn ctntacatca tnnactnntc      1080
tantcatgct nanatatang tcncttcana tacnncgnta nccngnmat nttntctcan      1140
aaccacnnt ctatntttat tttcgtagac tgcaatcnca taatcttcgg catcnttcca      1200
tccgncatct ncnnnnnata tcanntnt                                     1228
```

<210> 4229
 <211> 920
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(920)
 <223> n = A,T,C or G

```
<400> 4229
gngnnnnnt ttgnaacttg ctaatgctgg ctactngttc tttttgcagg acccatcgat      60
tcgccaacat ggtggtctca aactccccac ctacaggaat ccacctgcct cagcctccaa      120
aagttctggg attgcaggag taagccacca caccgctcct cagtgcctgg acttctgcag      180
tggaacttct ttaaaaatcc tggaatatac actgcagtag aagaacaaag cataacttcag      240
tcgtttaagg ctgaggtatg ctttgttctt ttactgcagt gtatattcca gccttaaacy      300
actgaagaag aatgtcaagt ggggaagtgg ctttggtttt cagtttggg gttctgaatc      360
cacacaaaga caggattgct ttctgaaaac ctgaattaat tattgtcctt acctcaataa      420
gacaaaaaat tagaatcaaa atcgtttagta ttacagtcac agatatcacc aagattagtt      480
tggtgttata gccatattct ggaacttctt tcgtgagcta aaaaaanaa nanaaaaaaa      540
nctngagcct ntagaactat agtgagtcgg tattacgtag atccagacat gatnngnatn      600
cattgatgaa ntttgacaa acccncaact tngaaatgca tttgnaaaaa aaatgcttaa      660
tttgnngaaa atttnnggga anccntatng gctttcantt tngnnanccn nttntnnntn      720
cnnggccttt anaccnangn ttanctacca accnaattng nnattnnatt ttnnantggg      780
ntnnaagggt ttnaangggg ggnnaangnt tnggnaagg nttntntnaa nttnnnccgg      840
gccnnnnntn ccnaantnca nttnggncnc cnngcncccc ananttttnn gnnccenttn      900
tatngagngg gtnaannctt                                     920
```

<210> 4230
 <211> 810
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(810)
 <223> n = A,T,C or G

```
<400> 4230
gnnnnnnttta annnnnnnnnn ttttnaanat acaggctctt gttctttttg cagggatccc      60
atcgattcga attcggcacg aggtgattcc tatttcaata tgtgaaacac ttaaccaaag      120
aatatatttc gatgaatctt aaacttgctt taaaaacaga agagggttaa aagaatttag      180
aaaaataaaa gttttagagt gtttgagaat gtgtatataa aatattttca aagccataat      240
atggatgctc ttatggctca gaagcatgcc tactagaaca cgtctcggaa tgagagatgt      300
ttaattctgt cacctcccag aaagttttgc agggtttctc acttgaattt gcttcccttt      360
gcaacctctt gtcctgaagg ccccttccc acctggaaat gctgaggcat ggggtgtgata      420
agaatcagtc attttgaaga gaataagatg atgactttat taacatttcc atatatgctg      480
attgtgtgtg tggcgggggtg ggggctgggg tggaggctta aggcaaaagc tagaattagt      540
catatgaatt atgggcttgt ttggagacc acctgaggct canccctagc cctcaccac      600
ctggggagtt tactacctgg gggcccccct tgnccatgcc tccacttcca aaacaattca      660
attgcttttt ttttgggtnc caaaataaaa ccctcagcnt agcttcttgc cnannnnaaa      720
annnnnnnnn nnnnnaaaac tcganccctn taaaaactat aagtgaggtc ggttttaccg      780
tagatnccna accttgataa gaaaacattg      810
```

<210> 4231
 <211> 810
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(810)
 <223> n = A,T,C or G

```
<400> 4231
gnnnnnntttt caaatacnng gctcgtgct tttgcaggat cccatcgatt cgaattcggc      60
acgagagtca ttacaagtta ggatcctggg taaatggcaa cctccacctc ccaggttcaa      120
gcagttctcc tgcctcagtc ccccatag ctgggactac aggggcacac cagctaattt      180
ttgtattttc agtagagttg gggttttacc atgttgacca agctgggtctc aaactcctgg      240
cctcaagtga tccgccacc ttgacctctc aaagtgtctg gattacaggc atgagccatc      300
acgcccgcc acgctgttgg ttcttaatga cacagcttaa ctttattgtg aaaagattgc      360
agcaacaaat gagattttac ctgtatttgc taaaaatgct tatccttgct taagactggc      420
aacataagca gttcttaggc ttctatgcca atggacacta ggcagtaata catgtgcagt      480
gctaatagaa aatattggag taagggtgta ctaaggaagt tctcaatctt tccccctcac      540
tatcttctgt aatgtaactt caataaatgt gattctcatc ttggcacaaa attgggaaaa      600
aaaaaannnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nntcnggcct ntaaaacttt      660
aggggggtcn tttttccntn naccnncnc cttganaang aancnttng gnngngntt      720
ngggcccanc cccaacntg gaatngnnng ngaaaaaaa aggnnttttt tnggnaaaat      780
tnggggnngg ctttngnntt ttttttnnan      810
```

<210> 4232
 <211> 794
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(794)
 <223> n = A,T,C or G

```

<400> 4232
caaatcnnag ctactngttc tttttgcagg atcccatcga ttcgaattcg gcacgaggtc 60
atgcccggct aatttttcta tttttgtaga tacagggttt naccatgttg gccaggctgg 120
tcttgaactc ctgacctcag gtgatcacc gcctcggcct cccaaagtgc tgggattaca 180
ggcgtgagcc actgtgacgg gccttacatg caatttttat ttatagccag tattagagaa 240
ttactaggaa atttcatttt tatatttagt gggagaaagc catctacagc atgtcttcaa 300
gcatggacta tctgtaacat acagtgtgct tgcttttgaa ttgnttgant gttaaattggc 360
cgtaactgat tgnattttcg ttaattgtta atanataaac cagatgttct gaaatctgtt 420
cttaaagcag ntgccctcaa tgggtgnttt gcctncctgc ttctgagcct cttgggntta 480
ctggagagta caggtcataa agagacctga actctgttg tatcaaccat tatgtcatcc 540
tctnactgcc aacattttta aacagactga ggtntgcctt tcgtaanaaa catntactta 600
catattgcca ttccttggtt tacctggggg aaagcccnaa tcgttnttag gacttnanan 660
ggaganacac aggtctnttg aaanggatgc cgggggctta atnaaataaa aaacttttgg 720
ntcaataana agtctggnat taaaaacaan attaattcaa cattnttggg agaagggnacc 780
ttggggcngg gaat 794

```

```

<210> 4233
<211> 927
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(927)
<223> n = A,T,C or G

```

```

<400> 4233
nntggggntt tcnnnnctng ggatactntc tctctgnagg ngncgatggg attcgaattc 60
ggcacgaggg ggagnaagag gggtngtngg ttggaaggag gaattctcct ttagggaaga 120
tgtctgggaa ggnctntctg agagagtggc ctttngaaag gagaccctaa ttggntgacg 180
gatgagaggg tgaaccatgt aagtatctgg ttggaaaaca ttncagcgg ctnacagang 240
tntgtgcaaa ggccnttgga canggtcacc cnngnttaca tggccncnt nagccagcct 300
nntaaagnaa agggntncat naacaaattg cnnaaancct nnnnaggttn gncanaggag 360
ggagaggcnn tggaaatgtt tgctngaata gggtttagtag tgcccctnca tgattgacca 420
gttccccctc tcnanaatgt tncctnactg ncgcagggtt atgtagnngg ggnctgcct 480
cccatanttn gnccctctn tancttggn cntgggntgg gatgaangtn catccganna 540
cancttttta nagttgccc nctgtctcna ttacnnaatn acccccnncg aaactttgtc 600
tcccnanac cccaaggatt tcccttnggg tatcgncncc anaanaaagc aannngtngg 660
atcaaaantaa tgggcnccca ncanttttgg aattatncta cncctgnaga ctcccnttca 720
nttngcnttt taaaaancn cttttntnn cgggntnggg tgcaantnnc tcttnaaatt 780
ctaaacnnat cttgnnnacc cccnctaaa cntggnnnng gnccctaan ctttccnact 840
tcaacaaaan ngtgaanttg catattatct tncattttgg ntctntaang acccnaatgc 900
nngngntat nannncanan nncnncn 927

```

```

<210> 4234
<211> 809
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(809)
<223> n = A,T,C or G

```

```

<400> 4234
ggnnnnnnng nnggttnana cncnnnnn ttttcaaant ctaggctact cgttcttttt 60
gcagggatcc catcgattcg aattcggcac gaggttttagt cttgtagctg tatagcattc 120
cattgtataa cttataattt atttatgggt tgtactattg atgaacattt gagtagtctt 180
cagtttgga ctaccacata tgggtgctgt atgaatactt ttgcacaggt atgtgaacac 240
atgtacacat tgcagttggg atatatacag tactgaatta ctggcttata aatatcatta 300

```

aatttttaaaa	acaaaatttaa	ttgccacaag	catattattg	tatctttgaa	ttttaaacca	360
aattaaaaat	tctatgagtt	gttgaatatt	ataattgtac	tattaagttt	aaattgtctg	420
tgactatagc	tataagacga	tgcccatggt	actttgaatg	gcaacactag	caaaataata	480
ttctaaggaa	gagggacang	ttttggggga	caactancan	tgtctgtagc	ataatataga	540
ctacaaattg	attactatat	cacccatgaa	tttagctcag	actcaaacac	aaatttantt	600
tctttaaaaa	atagaaagtc	catttatntt	taaatggggc	ctgattttcn	nanaaaaaac	660
nnaaaannan	aaaaanccgn	ccctttaaaa	ctatagggga	gtncgttttn	cttnaatcca	720
gaacttgata	ananacattg	ttgagtttng	gccaaaccac	aactagnatn	gcantgaaaa	780
aaaatgcctt	tttttgggaa	atttgggat				809

<210> 4235
 <211> 853
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(853)
 <223> n = A,T,C or G

<400> 4235						
agngtnnnnn	ttttctaacg	ntggntactc	gntctttttg	caggatccca	tcgattcggc	60
acaattggta	ttcaaaccac	agtctgtttg	actcccaaac	ccatactttg	aacctgaagt	120
ctgtactgct	gaaagtttct	ccttattgaa	gaatttatat	tttgcattaa	tttatgtctt	180
cagaattata	caaagtattg	ggccacacca	aatttgagtc	tggtatagta	gccttcttgt	240
aaaaaattat	atcatataac	atttttatga	ctgtgaagac	ctcttaattc	ttcaggaagg	300
agggcccttt	ttcaaactcag	acatcctggg	gtttttactg	accttatttc	attctctgaa	360
gaatgaagga	atttccctact	ttgtagtaag	tcatggaatg	tatagcattc	cttctatagt	420
tgaaccagat	aaatattagc	aagtctgttt	agaatatgac	actggaagtt	ttttcctgtc	480
tttttttaaa	agaggttttt	ggaattatag	tcaatctgaa	acttgggtctt	actaataaaag	540
aagtgaacc	taagtgaact	cccttgctcc	ctgatggctc	ttggtataag	tctcacttaa	600
gtttctctga	cgattttcag	ggttnatttt	tgtgagtgac	ccaaggaacg	gtgtattttg	660
atttgaacc	tgaatggntg	gaggtgtgta	ttggaagcaa	tagtctgaat	ctttttgggg	720
gtnataact	cctttttgaa	gctgatgaaa	gcttnggnaa	acntcccana	aaataaaccc	780
ttaatccngc	ncatnaaang	gaannttngc	atttcnnmtt	tnngcngacc	cngntnaata	840
tncaattntt	nnn					853

<210> 4236
 <211> 787
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(787)
 <223> n = A,T,C or G

<400> 4236						
nnnnntttta	agancagctc	ttgttctttt	tgcaggatcc	catcgattcg	cttgcctcatc	60
ctcatttggt	aaactgctac	gttaaagtgt	tcaggatagt	ctgattgacc	tgggctgctt	120
ccgagaaatt	gatgagctaa	taaaaaagga	aaccaaaggc	aaaggttctt	tggaagtact	180
caatctgaaa	gatttgaaga	aggagatgag	aaatttgaat	gacacccatc	agtctcttca	240
cctctaaaac	actaaagtgt	tttcgtttcc	aacagcactg	tttcatgtct	gtggtctgcc	300
aaatacttgc	tcaaaactatt	tgacattttc	tatctttgtg	ttaacagtgg	acacagcaag	360
gctttcctac	ataagtataa	taatgtggga	atgatttggg	tttaattata	aactgggggtc	420
taaatcctaa	agcaaaattg	aaactccagg	atgcaaaatc	cagagtggca	ttttgctact	480
ctgtctcatg	ccttgatagc	tttccaaaat	gaaagttact	tgaggcagct	cttgtgggtg	540
aaaagttttt	tgtacagtag	agtaagatta	ttaggggtat	gtctatacga	caaaagggggg	600
gtctttctaa	aaaaagaaaa	catgagcttc	atttctactt	aatggaactt	gtggtctgag	660
ggtcattatn	gnatcgtaat	ataaagcttg	gatgaatgtt	cctgattatc	ttgagaaacc	720
agatnttgaa	aaattgnggt	cgggccttaa	ataatttcgn	tggacatgct	gncataactt	780

aaaatat

787

<210> 4237

<211> 819

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(819)

<223> n = A,T,C or G

<400> 4237

nnncgnngtn	ttnaacnnc	agngntttag	ccnagctatc	gntctttatg	cngganccca	60
tcgttcnaat	tccgcacgag	aaancatcaa	ggtagctgnt	tggnagcant	gatgatgacg	120
aatctgattc	tnangatgac	agtaatacnt	naaaattnaa	ccncaanttn	ngggcngagc	180
tggacaanaa	ggttmntgaa	nactnaanat	anttagactt	ncctmntgtt	ctnatttttt	240
gacataggtc	ctnaaatctg	gntnaangca	ggcgccccct	atcctacntt	atntcatcng	300
ggngtctant	aggagagtga	ganttntgtg	atccntnttg	attgggncan	nnngtagatgg	360
aggcggtca	cataccaatg	ttggaatnta	agcagtgcgg	ggaggtntac	atnngcagtn	420
ctctccnaa	gctaattcnn	ggngcagggg	cnatnatnca	tggttnttgt	ctgtctgtgg	480
aaacaatgna	tttangcnnc	ccnctggca	cnctgacag	atcttcggat	gntgctcttg	540
tntctaaaaa	ctgggtgtcn	agangaacac	tgatgtatgt	anatgaaaaa	aaatnctngc	600
ttaggganng	nggaatcttg	ctgaangaa	aaantnaaag	ncctngantt	tttttncaan	660
ggntntttgc	naaaataann	ttaaacgaat	tgtacnaac	acntgaaacc	gtangntggt	720
ttttnanttt	ttngggngn	tnaaannntt	ttggtccaan	nnnggcagtg	nccttncccc	780
ttcntatttt	aaaaaaggnt	tcggtancnc	aaaangaat			819

<210> 4238

<211> 1421

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1421)

<223> n = A,T,C or G

<400> 4238

gngngnaaca	cngaananng	aaaccnanna	aacggcncna	anancnggna	aanacangcn	60
ncggncncg	ncangaaccc	nttgcaacnn	ncctntangc	aganccanc	ganncgngtc	120
ngnaangccn	gctgcntggg	aggccagggg	caggntaat	tcnctgana	nnnagancag	180
gngnaanann	nngccgggcn	gggnagaagn	nnaacggaca	atgncacatt	caaagcanga	240
ncacccana	nagcgnagca	nnggnngaag	ccagggaang	gacnctgtg	canttggaag	300
actngggaag	ccngaaggan	cgaggggccc	tgccggncn	acaanagnag	ctcantngaa	360
gggacgttna	cncaannngg	acgcnagaac	ggggccaanc	aagatacgaa	aggggaaann	420
ccggnacgag	agcccnnggn	nacggcncnc	ggaaanggct	agaaaaaaga	ataaaggggn	480
aanngatcgn	aggnatngag	ggccatnggg	ancacaggcn	caaaagnggc	cancaaagan	540
cacagnggaa	gngnccanag	nactncgggn	cgggagatca	gggggngata	aantgaataa	600
ccaaggccna	nggacncgaa	aaaaggngng	nccaaaaang	ggggncnnc	aaggggggag	660
cnccaaaga	ggncaaaaana	aaatngccng	aggggcnaga	gaaaccnccc	ncagaaggan	720
gggggncan	aaaatcnaac	cnnnnggggn	naaangnggg	gggggggaaa	gggacnntca	780
ccaaaggcnn	canaaaaann	ngaagggn	cccccnca	aaaangnaaa	aangggaaaa	840
acccnatntc	nagttcagg	naaaaagtng	gggggaaaaa	gccnnaaan	aaattaaatt	900
naaggangaa	anccnnngag	annaaccccc	cangggcaaat	ngggccaaac	atgggncac	960
ncgggcnng	gggggcatng	ggccccaaa	tnngncccc	ccnaccgggn	aaaggggggc	1020
aaaaaaggan	cggggngana	aaaanggn	gcctcccata	gggcaaccat	ntgcacgggg	1080
gccnccnaa	attngggnag	ggnaaanncn	aantcgcnca	ccaatgttaa	ngggaaaagc	1140
aaccggcaaa	agggccatnn	ggaangangc	ccngnaaac	caaanagaca	ncaggntagt	1200
gaaccttcn	aangggaaat	aagatnccgg	naaaaggcaa	ggncgnaaag	aaagtngaaa	1260
ncggangnaa	ccngangana	aggcnnaana	ngggaancna	ttacanncn	aanaagnagg	1320

caanggntgn	ggaaagaaag	atccaaagcc	cnngggngnc	agnatgccng	gnaaaantgg	1380
gaagntanna	ngancctgcc	aaaggcttng	gaaaaacnnc	c		1421

<210> 4239
 <211> 864
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(864)
 <223> n = A,T,C or G

<400> 4239						
gnngtnnnnn	ntttncann	tnggctactt	gttctttttg	caggatccca	tcgattcgan	60
ntncnaggcc	gggncctgt	cattntngat	catnatcttn	ngntatgaat	nggaccttta	120
cagtcactga	caggacaaca	acaggctgga	gtngnggcc	atnctgctgn	ngtgcctnna	180
agaccacanc	cctnanaggc	tnctggctct	gctgtgcatn	gccattgga	tgccganggg	240
ctnatnactc	anactagtac	ctcacntgat	cagatgncag	aatcaaccaa	atnntgcaga	300
tttcagtcng	ttgtgaagta	tttgcctgat	caacatgtag	aacgactaac	attcatgatg	360
aagccgagaa	acatncacaa	gtcctgncgg	ctnaaaaagc	ttatgatcct	gcacgntntc	420
tnatagtngg	ctaaacagat	gggtataaact	gacgaanaga	cagctgctac	tgctcctgcc	480
aatgtgagca	aaggcacaat	actacttgct	ccaggaccta	aacctgttcg	aagaagattg	540
taaattggaa	gatgaattta	ggccagaagt	ngatgaacat	acncaaaaana	cgggtgggct	600
tagctgctgn	ncntgcatca	caacctnntn	ttncnagntc	tgctgggaac	gataaganng	660
tnntcangca	tcaattagnc	gtaataagga	aaccngcanc	gatttngncc	aatgggnata	720
gcctattgca	gggncnaatt	taaaggatgt	ncttnnngag	anaaattacc	tggaagttc	780
aactgggaac	aacntcnaac	cattntctna	cctataagcc	aantggccgt	taactgtgaa	840
catncttggg	ttttaaaann	gcnt				864

<210> 4240
 <211> 468
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(468)
 <223> n = A,T,C or G

<400> 4240						
ntccttttga	ntacntntac	aagctacttg	ttcttttttg	aggatcccat	cgattcgaat	60
tcggcacgag	atthcaacat	actgttgtct	aatcatcgty	actcccccaa	ttctcttttt	120
ttagaggaaa	gtattgtaca	gatgtatctt	gaagattata	atcttggttg	attattgcct	180
attctcactt	taggaataga	tggtgatagc	ttatgacttg	tggtgtataa	cgaggtagaa	240
atattgctgn	cttctctgac	atagcttctc	aaagagatca	ttaatgtatg	atatctaata	300
aaccatctaa	tgcatgtaac	agtgatcagc	aaattaataa	attagacctc	tattcatgct	360
taaattatca	aagctaatat	ttaaatagaga	tggtctattt	taattaaaat	ttctggcacc	420
atcgtaaatg	agacttagaa	tttcaactag	tgtatttagc	tcttactt		468

<210> 4241
 <211> 476
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(476)
 <223> n = A,T,C or G

<400> 4241

gtntttnnnn	tttgantnca	aatacaagct	acttggtcct	tttgcaggat	cccatcgatt	60
cgaattcggc	acagaagacc	aagcgcgatgc	gancctcttt	caagcatcac	cagctccgga	120
ccatgaaatc	ctactttgcc	atcaaccaca	acccggatgc	caaggacctc	aagcagcttg	180
cccagaaaac	aggtctgacc	aaaagagttt	tgcagggaga	acaaatcttg	gggcattaca	240
gccaaacatc	ccgacgtttg	aaaattccct	aaagtattaa	aagaagggga	aaagtttgat	300
cggaaatcca	ctgcagtga	gacaaagaca	ctattagggt	atgataatca	tacattaaaa	360
aatttattaa	gccaaaaaaa	agagagagag	agagacttaa	atgtcattta	ctgaatgtta	420
acgaaacttg	tgttctttat	ggtgtctaac	acaactgaag	gcctaaaatt	atgtgg	476

<210> 4242

<211> 846

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(846)

<223> n = A,T,C or G

<400> 4242

gtntttcn	aanngntggg	aactcgctct	ntctgcagga	tccctcgatt	cggaaatata	60
gngagatgtg	ggatgtgaat	gccccatgaaa	gacatattat	tacacttgaa	tatattcttg	120
cttcaacttta	ccctncataa	natgntgtac	attagtgtcg	atcangttta	cagagntaca	180
tgggcgcttt	cctaaccatt	cagtnangaa	ttaaaatgat	gcattgtata	acaactggga	240
agaagctcat	agnggatata	aagtagagta	gataatgggt	caccttgat	agcctctgat	300
acattcttgt	atatgggcaa	aataatgatt	acctatacgt	gtatttaagc	ttaagcatca	360
tataaacagt	ctttttaanc	ttatggtaaa	ntnnatnata	tntaaaagct	gtgatctcta	420
ggnagtcctt	aagtnattag	tacngnactt	naaaaagatt	tttaataggt	ccgncaccgg	480
tggntcatg	cctgtaatnc	cagcacttcn	ggaaggctng	angcaggccg	aatcacctga	540
aggtcnngga	anttcgagga	tcanaccttg	gccaaacatt	ggtgaaaacc	ccntgggtctt	600
aaacttaaaa	nntttttaa	aaanntaagc	ccnggccntt	ggntgggnan	aggcgncctt	660
ggtaaacccn	aagctntcct	ttaggaaaag	cttgnaggcc	anggagnaaa	ttancnttgg	720
aancccnaaa	gggggcanaa	annctttncn	gtctcngcnn	aganaatcgc	antcaaattg	780
naactntcan	accntaangg	ggaccaagna	ancncnnana	cnttnattct	tcaaaaaaaaa	840
aaaaat						846

<210> 4243

<211> 789

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(789)

<223> n = A,T,C or G

<400> 4243

tnananctgn	tnncnttca	aatnctnggc	tactngttct	ttttgcagga	cccatcgatt	60
cgggaagagg	atgactgggt	atgctgtgcc	acccttgagg	gccatgaatc	cactgtgtgg	120
agcttggcct	ttgaccgag	tggccagcgc	ctggcgtcct	gtagtatga	ccgtactgtg	180
cgtatctggc	gtcagtatct	accaggcaat	gaacaagggg	tggcatgcag	cggctctgac	240
ccagttgga	aatgtatctg	tactttgtcc	ggcttccact	caaggaccat	ttatgacatt	300
gcttggtgtc	agctgacagg	ggctctggcc	acagcttggt	gggatgacgc	gatccgcgtg	360
tttcaggagg	atcccaactc	ggatccacag	cagccacact	tctccctgac	agcccacttg	420
catcaggccc	attcccagga	tgtcaactgt	gtggcctgga	accccaagga	gccagggcta	480
ctggcctcct	gcagtatga	tggggaggtg	gccttctgga	agtatcaacg	gcctgaaagc	540
ctctgagcta	cctcgacttt	ggacagagta	atgacttccc	cagaaaacgt	catataagac	600
ttttaccagc	ccctgaanga	ccaagaggga	gccattcctt	tgaactttca	tttaactttg	660
gnttnacttc	tctttaaaac	ttggggtaga	aantgcaaaa	gccncanaa	attgcttttc	720
cnttcccccg	ccttttgaac	atgaaggncc	ttnaattaaa	agaagcttcc	cgaaccatt	780
naaaaaaa						789

<210> 4244
 <211> 759
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(759)
 <223> n = A,T,C or G

<400> 4244
 ntccctaagt ttccgntcc ttncctccgc ttctaangct tggcgtgcac tccagcctac 60
 atgacagagt gagaccctgt ctcaaaataa taatnataat gaactgagac tcanaaaaga 120
 tggttggtca nggttacaaa gctcagacag gacagggcag cattggaaac caaaattggt 180
 ctgactccta gctcatgctg taaatcacgg tgcaaggctt ctactatcta tgttggtcct 240
 aaaaagaatgt ataaatgaaa agatgggttaa catattaagc aaaatatggt aaacgtcaaa 300
 tgaactgtat aaacgataaa tgctggagag ttgaggtggc aaagaactca tgcccagggt 360
 gatctgggaa ggcctcttga caaggtggaa ttatagctgg tttttgaaga atccgaaagt 420
 gcttagattg aaaggtgaga catgtacagg aatggtttct aagatgtcat attntatctc 480
 tgcctcatc ttgactggca ctaatgaaca tcaaagattt caacctaaat acattgagt 540
 cccagtatgt gaanggcctt atttatggtg gtttaaaagc tttttaacat actttaaaag 600
 aagggaactgg ttaatctnca ctgnctagat ccattagacc ccggaccgga tggccccang 660
 ggcctttggg aatggcgtgg tgggacagtc ttncactttt gcacataccc aagaaaagaa 720
 tggncctttt gggaattttg cagacctaca atctggagg 759

<210> 4245
 <211> 842
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(842)
 <223> n = A,T,C or G

<400> 4245
 tccccttgaa ancccntaac caggcttcnc angncaaach ntttggaana nccaanacnn 60
 aaaaanaang gganggnac nncngcacgn ngcaagagan tacacaganc ngacngnttt 120
 taacgannat cgnaaaaccc caaatggang gannttgagn cacntgcnaa agggcccaac 180
 tgctcanttt aaaaaagagc agngtccgac annngcaaag aaangcagan naagaggcaa 240
 ggaccccaca gaacacatan ctgaaaataa tncngaataa nttnacaaca cgggtggggn 300
 aattcaanng gacgnaaggn ngcatccntn ntccctnata anccctaaat gnaatcggga 360
 aggcaangnt ggccacaatt ccacaaanac acgggattta ccatnannnc tncangattt 420
 caccaggata ccatantcaa ggagtgaana gaaaagtggg gaaattcaag gaacttggga 480
 cccaccnngn nanaccntta aaaatnaagg gactcntcaa gaaaaggga ccntnangag 540
 tcnnaaaaaa aggggaang aatggaang ggnccataaa ggccccnggn aaaagggatn 600
 caagnaagaa anaaaaatgc aanttanaaa ggactgggaa gaaagganaa nagggnncag 660
 gcgaaaacag ggcccataa ggaanccngg ngaaantaan tncngncnag aaaaccnncn 720
 gcaaaaagg naantcgnnn nnacnnanta aaanccnnc aanggatngg caaanncnnc 780
 aaagggntag aaangncanc ngagcgagnt acacgnanaa aanncnata ananntaann 840
 cc 842

<210> 4246
 <211> 740
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(740)

<223> n = A,T,C or G

<400> 4246

gnncccttnn	ctntacanta	caagctactt	gttctttttg	caggatccca	tcgattcgta	60
tctgtctgtc	ttgatctcta	ttctagcctc	tttttctgat	tggeccctctc	ccctctcttc	120
tgctgtgattg	gcctgtatcc	ttccatcacc	ccatctgtct	gctggattct	ccctgtctgc	180
ctgcagtaat	gtatgtgata	gcactttata	aattataaag	cactatgttg	tataaaacac	240
cattatcact	ttgtcttctt	tcttacctta	tttttcttc	ctttatctgg	cttcccttct	300
tctctctttc	tctctctctc	tgtttgctg	tctgcatccc	ttttggtgat	tttgctgccc	360
ttctctgtca	gtcaatctcc	attccctccc	tgccagccta	tttttctgcc	atccctcttc	420
tctgtctgct	cagttcttgc	atctctcctt	ctgtgtttcc	aggtttctct	atatttcttt	480
tgctgtgta	gtctctctgt	cgttaggcct	tttatctatg	cctgtgtgtc	tcactgtcta	540
nctgcttgct	tccctgcctg	tcactttcat	tgtggggcat	caagtctctg	ccttcttctg	600
tctttcaagt	acttcaaaaa	ataaaaaatta	aataaaaaat	taaataccta	tgataatggg	660
tacangagaa	attttttgtt	taatgagaag	atataaggng	agacaaagaa	ctcaaaatta	720
ctgtgaaagc	aatgaanaaa					740

<210> 4247

<211> 465

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(465)

<223> n = A,T,C or G

<400> 4247

agccttttgc	nacnctttc	aactacttgn	ctttttgcag	gateccatcg	attcgccaga	60
aagtgccttt	acatttttgt	cttggaaaca	ctntgcaatt	tcactttgat	ttaatatctc	120
tagtaataaa	gcatcttccg	actccacatt	cttatctctg	ggcagacatt	ttattcttaa	180
gaattgtagt	gnttgatnag	aagctnaatg	gagatgatta	acgtgtcaat	gattaataat	240
tataacaaca	ttcaaact	tagaaattat	agnatttcat	canatgtctt	tttaaagagg	300
catttctggc	cagttgtggt	ggctgacctt	tgggaggctg	agacggctgg	atcacttgag	360
gtcaggagtt	cgaggtgaga	ctggccaaca	tgatgaaaac	ccttctctac	taaaaaaaaa	420
aaatacaaaa	attggccggg	catgatggca	ggcgccgtga	atccc		465

<210> 4248

<211> 1070

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1070)

<223> n = A,T,C or G

<400> 4248

ggngggggn	tttttttnaa	annnnnnn	ntttttttg	ngaaaaaagt	ccccgccagg	60
gccttacctt	tgggtntnct	tttttttgg	ccagggggat	ncccccaatn	cggnatttct	120
ccggaaaatt	tccggggcca	ccggaaggaa	aaaaccaa	tantnaaacc	ttcaaaaaat	180
gggccctttt	tcntaacagg	gnacttaccc	aaaaagcctg	gtcctggtan	tcaagggttt	240
aatgggggtg	tttaaaaaatc	cataaaattt	tctgggggat	ccatggaatc	cttaaaaaacc	300
ttttaaatgg	ggtttcccat	tttcttacnt	ttacttcntt	ttactaaaca	aaggtantcc	360
ctggaatggg	cctggaaaaa	atnccatggt	ttggnaaaat	tttggaagg	tttttgga	420
ttttttccca	ggaatccaaa	aatantggaa	aaaattttta	ttttttccaa	ttttttttta	480
aaggtaccaa	aaaaataatc	caagtttgg	antaaatcaa	ttgggtaaaa	aaaccattaa	540
aaaatttttg	gcttattaaa	aaaggaattt	tttaaaang	gcctaatttt	ggaattttaa	600
aaccatttta	atttacctta	aaaacctctt	tttggttan	gaaatttttt	ttttaggaaa	660
atttcaagcc	attcggggaa	gggaanggaa	atggtggacc	attaaattaa	atgggatccg	720
aaaaggcccg	aaaaggtttt	aaaaaaggtt	tggtggaatg	gccntcaca	atgggggttg	780

ggaanggggt	taattctaag	ctttcttaaa	gggactggaa	tgggtttggt	ccacaaagga	840
agtgtccat	caaggtcata	aattngggtn	aagacttaat	gggcttanaa	ttttatggna	900
tttataccct	gatggtattg	gaattgagat	gaatatttta	tgaacaaaaa	tggagccatt	960
gtgtaagaag	tatagtatta	aatataagtt	aaaacttga	attttaaatc	cttggagtat	1020
gtnagccctt	caaagctctt	gangctgaag	gcccgatntt	ttgcagtggg		1070

<210> 4249
 <211> 1336
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1336)
 <223> n = A,T,C or G

<400> 4249						
aggnnngnnn	nnnnnnngnn	ngnnngnnnn	ngngnnngnn	ngnnnnngnn	nnngnnngnn	60
ggngngggng	nnngnnnnnn	ngannnnngn	gnnnnnngnn	nnnnngnnnn	nnnnngnnnn	120
ngnnannnna	gangnnnnngn	nnngnncnnna	ngangggngg	nnngnnnnnn	nnnnnnnnnn	180
nnnnnnnnnn	gnngcngnt	angntgggaa	aaaancccc	ntttttgggg	aagaaanann	240
ccccccnggn	ntnctttttt	tttgggccnn	gggggnaaan	cgccccaan	ccgggggaag	300
ggggcggggn	aanatgtgnc	gggggncnaa	ccggnaaggg	ggaangnga	nagnnnnngn	360
ggannnnng	nnnggnnagg	ggnnnnnnngn	ngnntttttt	ttntnnnaa	aggccnagnc	420
gangnnnggg	nnnggnngg	cngnnnnnaag	ggggnggggg	ggggggagnt	angggggcan	480
gnnnaggggg	gncantancn	nanggggggn	gngagaacgn	naaacaacac	agggncnngg	540
aanggagng	gnnnagnnng	nnngagnnac	gnggcgnng	gngngnaang	ccnncngggg	600
gcngggngan	gngnananca	ngggnnanag	nagangggag	gngggaaagg	gnggggccgg	660
aantgnngga	gnggcaaggg	angnnnganc	ggagggangg	gggcgagagg	angagccnat	720
cgagnngggg	nagggnggac	aggaanggan	aagnangggg	gnaaggcng	aancgaaggg	780
gggggnatga	ggaggagann	gngagngctg	gggggaaggg	ggnanngggg	gggggnngnn	840
gagnnggna	gngggngggg	ggangangat	gggagcnaa	cggtggacaa	aacggcggn	900
caggnggggc	aggnanaaaa	gggccgggag	cgngcngng	ggggaggngc	gngggtgtan	960
gaggcaggna	aattgannng	gagacnnggn	gngcgnngga	gggnngaana	gngnnnga	1020
naagacggaa	cnaagtggag	gaggggggan	nnngcgagag	agagngaggg	ngtanggnag	1080
anananangg	nnaggcnng	ngncngngng	ngagtgagn	ggcgcgangg	agngngaggn	1140
gagcgnggan	ngagggngng	nacggggatg	gggangncng	ggggngnnnc	gcggggcggtg	1200
gggacnccng	gggggggggg	gggnnaagnn	ancnnggggg	ngnannagan	gangggngnn	1260
cgntgcnggn	gngggggggg	gagagnaang	agnacngggg	gggggnnacg	nnggggngga	1320
gngcgaginn	gcgcgg					1336

<210> 4250
 <211> 817
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(817)
 <223> n = A,T,C or G

<400> 4250						
tcngngagtg	gtatgtctcg	cntcnccgaa	nagcaggcgg	ngcgaattcg	gcacgagncn	60
aaaacttngn	aataanncac	tttcatntnt	tttctagatt	ttgtacatct	caggccatat	120
nagcaaagct	tgntgatagt	gnaggntnct	aaacgctgca	aatnngcagn	ctttaccact	180
acaaagaagt	ctggatgatg	gatnctctgc	tnttngtcaa	aatagttact	gctgctgtag	240
aaatttcatt	tttagattna	actgtgntgg	atgagctatc	ataattcaag	tatacattgt	300
cttagnctat	caaattattca	ttgtcatgca	gtagtagtna	aaacatcnna	gatgcagcaa	360
gcntattaag	anntatttac	taaaagaaat	aggaggcatt	tacatcttta	ttattgtact	420
cngggatgatg	caaacnctnn	gatantataa	acagttatgt	cccctataaa	tcnggtcagc	480
aacctcnntt	gattatgctg	gggnaagtca	aatagtntgg	aagtaggtag	agtnctggnc	540

nacaaggtgn	ttcaaanctt	aannattngg	aacacngggg	nccaagggct	nnaatcntta	600
aaaggaaaac	tggggnttta	ntgcactnaa	accgtttntg	gngccntang	gttcnaaann	660
nccanaacct	tgaatnnant	gtggtanccc	ctgggncaaa	anaaangncg	ggnattancc	720
cactggnncg	gaanaacaat	tgcctaaata	aaggtncccc	caattgaatt	ccccnanaaa	780
nggcctnaaa	anggntcccc	tntttccaaa	gnaaant			817

<210> 4251

<211> 1351

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1351)

<223> n = A,T,C or G

<400> 4251

ttggnggaaa	accctttttc	caangagntg	gganaaaacnc	cgatcgcccg	naangcgnnn	60
ggggcanaaa	gngcnatnca	ganegnngna	antnnagccn	ntttttancn	cccacnggca	120
ananangcng	annaaccngg	gnatnaanaa	nnggggcccn	nngncaaana	nnnanacncn	180
atggccnnga	angnncnacc	cttacnnaac	ncaatanccn	ncganancag	aannagntga	240
accnnnnnca	cntnacaaaa	nntctagann	nccgntcacn	caanaagncn	cnnggccann	300
acnnnacnnc	nanncnancn	ncngcangga	ncncacnccc	cncncgnnnc	canacnancn	360
ngacngacnn	aatantncag	annacncgag	cnntgacnta	annacncaan	tagcannngc	420
cnctcgnnng	acncnnaact	ntngnngagc	ncnnagngnt	nnnnagctnt	acgcnnccgat	480
agananagcg	naaaacngan	nnnnnnctnt	cnananmnag	actangacag	acnnngncaa	540
cacatnnnta	gaacnngca	cacatntcta	ncgntatcan	cagnncaggc	annnnacaca	600
anagcancac	nngantgann	cacaanaatc	acgcntngaa	tnnnctntnc	tnannnnaca	660
caaccaanat	nnaanaatgn	aagnacaccg	aacactnnac	angcagacta	nactcngnca	720
cnnaananaa	gaactgacng	acannacaaa	tanaaacggn	ntctacatca	cagangtacn	780
nncagacana	ancnncngna	nnacaancg	cncacacagn	tanacntntc	atagcnntcn	840
ancatcccnc	agtgcacaca	agngcncgna	aanmntcatn	tcnctanana	cggatnccat	900
nataggaaca	gnnancgtcn	tacannnctn	ncaagnaagt	nacagatgcn	cgcanganac	960
gnaagnnncn	nnatnctgca	tgcntngcnn	ancaaatggn	angatnaten	nanatncaan	1020
nngcngcata	caanngntcg	nctaacacng	atctgcatcc	atngacggat	anacgtngag	1080
tangcctnnt	cacctcnnaa	gatctgctgn	ncganatcan	cacnatangc	ntnaanagtn	1140
nncagaacag	tacnagactg	gnnantnaag	ntannatngt	ntnnagtata	ataanncaca	1200
ngnagntaga	cnncaanngn	ngnacnancn	nccnngcann	cgcaaanaga	gcancnncan	1260
gcgnaccgac	cgcagctaan	acanacnact	ntacnncaca	aancntnnga	ggccgntcta	1320
atnctncatc	nnnncacctg	nacnggaccc	g			1351

<210> 4252

<211> 759

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(759)

<223> n = A,T,C or G

<400> 4252

taaanntnat	ggntggntac	ttgntcttta	cgcaggatcc	catcgattcg	aattcggcac	60
gagggaagccc	agtgttcttg	ttcatgaaat	ctncctttta	ctggaaaaca	ggaatattga	120
ctaccaaatc	acaatgcaat	tgaagccgta	ctgctttttt	gagcagttat	tcattccagt	180
gattaaaact	gattgtgcan	aatattctaa	gaggncanaa	attggngtgt	ntaactacat	240
tttttagtgat	gcaattnatt	gattagttag	taagatactg	agttttattg	agagatttga	300
ttattataaa	gtaaaaatac	ngctgnatta	gggttacnaa	cagnaaagtg	tcttaatgnc	360
tnangagggc	atnttanctn	cactacaaaa	ccanatnttg	nctgtacttn	tgaanagaat	420
nttgtngntn	ctcagctgnt	atncaananc	tnaggaagnc	tntatggntg	cnttctatga	480
catgtgnatt	gtgatntgca	tataagnatg	ggtggngtgc	nataccatat	tctnggttnt	540

taaaatctat	cactttncac	cttncacttt	gacgtggtaa	aactttaaaa	accaangtgt	600
gnaaaccnc	nggnttctta	aaatacnagg	ccttagatct	tatcagncgt	tttgacaaag	660
caggtttttt	caangntcc	ctcctnanan	tttttttnaa	cggtcaaact	aangnnnttt	720
gaggnaagct	cttagtttga	ccggaaaaagn	tgggncnt			759

<210> 4253
 <211> 1382
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1382)
 <223> n = A,T,C or G

<400> 4253						
nnncggnna	ngaannngn	gnnnnnaggg	gnngggggcc	nnngnganng	gnnaanggnn	60
gnnnnnnnna	nnngnggaag	naaggngggg	aaaacagggg	naanggnnga	caaannnnac	120
nanngnanaa	naggngngnn	ggggngggan	gaaanagggc	gnaagggang	gnaaggaann	180
gggannnncg	nnngngnnnc	ancnnnnnnn	annccnnnnn	gnnggnnccn	nttngntggg	240
aaaaaacccc	ctttttgggg	gaaaaaaaaa	nccccccngn	nnngnnngng	naaannnnag	300
ggngaanaac	cccnacgcng	aaagaangng	gaanggnntc	anggacnacg	nnangggcga	360
ncgcccagg	ggcannnggg	gnagcnggca	nccannnttt	tnccaacgaa	gggnananaa	420
cnannagnen	gcancncng	cagggggngn	ncgncgangc	gcnnnanagn	acacacaaac	480
taanaagaan	nggaaganan	naacananna	acgaaangaa	ccggnaaaaa	gagacgggca	540
nnngcnganan	aggagcngga	cngnaggggg	anccnacngn	annaagcng	gnagnnnngg	600
ngggaagagg	cngcncggaa	ngcnnnnacn	antccgnaac	naaanagnan	naangactag	660
gcaaccngaa	cnncacgacg	ggnnnncnann	gcgganncn	nnacnagcgn	nnaggggnna	720
agcgcgcggg	acnaacgggg	nccncggann	ggganngaaa	angccgnaac	aaaagangga	780
cgnaaaaacn	acncananaa	cggnnagggc	ccngcagcnn	aagnaggngn	ggagggcagg	840
gnangcggga	aagcgggaga	cgcnnccagc	gagaagcgcg	cnaangaaan	ngancgggcn	900
ncgcgcnggg	nanncgngcc	ggannagag	gacnnatagg	aagtgcacna	ncaaacgcan	960
cggcatcnca	ngaggngang	ngatgnggat	anagngancg	ngananncna	nagaganggg	1020
gagagnaagn	agancgcgga	angnacanca	angcgnagaa	ccngagagagc	gnnccangca	1080
ngngagaang	gnanngaggn	nannganana	cggngcgagn	gangnnnnga	cacganggac	1140
acgcgcggag	aganncgna	acatgaagna	ancggnggga	tgggaaannn	gannganana	1200
cgganggaan	cnggggncga	gangagangg	ngaggcncac	cnaacacgga	gggggagcna	1260
ggtagnngca	nnnaangaga	cgcgagcga	aacggganaa	ccgaaanggn	ggngcaanga	1320
nannanggga	agacgcacgn	gnngnnngga	gnaaannang	ngggaanacg	aanaaaancg	1380
cc						1382

<210> 4254
 <211> 1245
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1245)
 <223> n = A,T,C or G

<400> 4254						
cgatacacat	cntnnncaaa	tgatatcnat	ntaanatata	aatatnttnc	ntnttnatac	60
tctgcaannn	aagaaaagan	anantnaggt	gctgttgaan	ccatnanctc	ttgttttttt	120
gcagnnccca	cgnttcgaat	tcggcacgag	gttttctctca	ggcacaatga	gccactgcag	180
gcttttgagg	agaagagtga	caagctgnag	agctgtgttt	taggacagct	atcctagagc	240
tatgtgtggg	cagagagtac	aagcaggtta	tttatgaggc	tngggtaaaa	aggcagacag	300
gggacacatt	tgtcatatgc	cctattgagg	cncanaatca	nggaacagga	ggtctgcngg	360
ttncangaca	ggccaaatca	ngganaaaag	ggactatccg	ggattancaa	gtcactgggtg	420
atcganatat	cactttcttt	gaanntttan	aaatggtttn	tgttancact	tgcnannctc	480
ttcattaana	naacctgcca	caaaccaata	aanttanng	tttaaaatag	aatcntgnag	540

ttatananan	cccaatggga	anctnngnta	atannttnta	nngggaanac	tnttnnngtt	600
naaaaaagga	aanntnnngg	aaancccgnt	nanangagag	nggnagnntn	tggcataana	660
gacngngnnt	ctctcctcta	aacganatac	gaatacctct	tncgcnnnnt	acncnnnnng	720
tgntnnanaa	acgntatntt	tctacacggg	antctntgtc	gtttttttta	agataatnag	780
nagnacncaa	tacataantn	ncaagcncgc	gtnanaaaana	nantgnacgc	tnannataan	840
aactcttntc	ngtatnngcc	nctaantctac	ttaanggana	aagcttaata	taangntgat	900
ggcaagggtg	ccccntgtag	antcnttacc	nattgtctca	acgatctccc	taacgttate	960
nnntngaca	ccatgacgcn	attngangcn	cacttantnt	gaacngtaa	aagnntttnt	1020
gggggtgcnn	tannaatacn	nangtcnca	tcncnttttn	nggttanant	ntccncancn	1080
tngatataaa	gannaaataa	ntgggtcaac	ntatattttt	cggnnacna	nntatattct	1140
ctntgggnna	tncatgtctn	catncgtgcn	ttatcnatnt	ntngtaagna	gaaaccngtn	1200
aatntcttat	gaannntnt	cnntttcgta	atttgaaana	ccncg		1245

<210> 4255

<211> 768

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(768)

<223> n = A,T,C or G

<400> 4255

aggnggnatt	aannnnnttt	ttananngc	ngctcttgtt	ctttttgcag	gatcccatcg	60
attcgaattc	ggcacgagaa	acaatataac	tcaaatgcct	ttctacagga	ctacaaagct	120
gtctgtatca	ggttatgggtg	ttaaatcata	atcttctggat	catgatctta	aacctttaat	180
tggttccatt	tctactttac	tctttactaa	caagtatcct	gatgggcctg	aaaatccatg	240
ttgaaatttg	aagtttgaat	tttccagatc	aaatatgaaa	tttattttca	tttttttaaag	300
tacaaaatat	cagttgtata	atcatggtaa	aacataaaat	tttgctataa	aagattttta	360
aaggctatnt	gattaaaaca	tttatttact	taaactcttt	gctagaatnt	tttttagaat	420
tcagcatcgg	aggaggaatg	tgacataata	atgatcgaaa	gccgaaagtt	taaaagttgt	480
gatgccctca	catggttgga	gggttattct	agcttctaa	gactgaatgt	tgtccacaag	540
agtgtcatca	ggtcataaat	tggttaagact	taatggctta	gatttatgta	ttataacctga	600
tgttattgna	ttgagatgaa	tatttatgaa	caaaatgagc	acattgtgta	agaagtatag	660
tattaaatat	aagttaaaac	tttggatttt	taaatacctt	gggagtatgg	taaagccctt	720
tccgaagtct	cttggaggct	tgaaaggccg	nattcttttg	cantgggn		768

<210> 4256

<211> 749

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(749)

<223> n = A,T,C or G

<400> 4256

tgngntttta	nananncngg	ctctcntctt	tttgcaggat	ccctcgattc	gaattcggca	60
cgaggtaaaa	catgtaattt	ggacatgcaa	gacaatgctg	ctgccaaacta	acattgcatt	120
gattcattaa	gatgttattt	ttgaggtgtt	cctggctctt	cactgacaat	tccaacattc	180
tttacttaca	gtggaccaat	ggataagtct	atgcattctat	aataaaactat	aaaaaatggg	240
agtacccatg	gttaggatat	agctatgcct	ttatggttaa	gattagaata	tatgatccat	300
aaaaatttaa	agtgaaggc	atggtttagt	tgtgatacaa	taaaaagtaa	ttgtttggta	360
gttgtaactg	ctaataaaac	cagtgaactag	aatataaggg	aggtaaaaaag	gacaagatag	420
attaatagcc	taataaaaga	gaaaagcctg	atgcctttta	aaaaaatgaa	acactttgga	480
tgtattactt	aggccaaaat	ctggcctgga	tttatgctat	aatatatatt	ttcatgttaa	540
gttgatatatt	tttcagaaat	tataaatatt	attaatttaa	aatttgaatt	tgtgtttgac	600
taacaacctc	gatggatctt	cttncaacct	nccattaaga	tcctgcagaa	gaaatagaaa	660
tattcaaata	ttgcaagggtg	taattgtgag	acaacttatt	ataatacgtg	ttaagttcta	720

<210> 4257

<211> 466

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(466)

<223> n = A,T,C or G

<400> 4257

tgnttcnant	nttttacaac	tacttggtct	ttttgcagga	tcccatcgat	tcgnattctn	60
nacgaggtg	cttactaagg	cttnnactgn	nanatcgntt	gaccnntnn	gtcgntngct	120
gcacatgcn	atattnnnnc	gacnnngctn	nttcctgngc	ngntangnga	tgacctgnnt	180
cnggacacaa	tgngngaangn	gtagnngtgc	nngacatngg	cgaaattgtg	ngcnactaga	240
antngtgnca	angcnngntt	tcacatancc	tnnnnnnnct	acttgccatn	ttnnantgan	300
cttntgcct	cacnacattc	ntgngttcat	aacnngacnc	nctaagngna	caactccgaa	360
cccacattgg	ncaaaaaaaa	cnacatatgc	tnacngttcc	tnctgccccat	gtgnncnntn	420
aacttgnatn	atcttanact	gaaccagngc	tccaccatt	catnct		466

<210> 4258

<211> 464

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(464)

<223> n = A,T,C or G

<400> 4258

tngatncctt	cgatcagctc	ttgttctttt	tgcaggatcc	ctcgatncgg	cctatcttag	60
agaatcatct	gctcanncct	tattcctgca	gaatacaaat	gtcacattct	aacctgttca	120
gagattgtct	tcaanataaa	antgtgattc	ctacatggna	tgnaaaacaa	nctacactnn	180
tnggcaaaaag	gcattattag	ggntngattc	cataatgatt	gagtnctntt	nnnnagtata	240
ntcatgcanc	tgaacaaaat	gaagctcatt	ccactgcntn	gaanaatnnc	acaaatgtga	300
tgctnaanan	aggaagccac	gtgcanacac	tnactatata	attntatgta	catnaagttc	360
agnatccgga	tagttaccnn	tgnaaaggan	gtaactnnan	gagtntgagg	aggggnttct	420
ggtatctggt	taatgnactt	ngtaccantt	acccaanagt	gnnt		464

<210> 4259

<211> 882

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(882)

<223> n = A,T,C or G

<400> 4259

gnagcntnnn	nnttttctaa	ngttggctac	tcgttctttt	tgcaggatcc	catcgattcg	60
aattcggcac	gaggcatcct	gtccttgggg	accctttctc	attctccaag	cctggtcagc	120
tgctgcaca	ggcagaggtg	ccctcagccc	aggttagcaa	cactcatagt	tttgccaatt	180
accagtagac	actagtggaa	ccatctaact	ggaacttctc	ctctccttcc	acttatttcc	240
tcaaacttgt	tgctttacac	tagacacatg	caaagtgtatg	ttttaaacac	acaaaaacag	300
atcatgccaa	atgagttgcc	tgtcaaaggc	tggaggggcag	gaggagggcc	tgggtttggg	360
ttctttcttc	ccagcctttg	gatggtgect	tgggccctt	agccccagcg	ccagggcctt	420
ccagctgagg	ccacaggaaa	gcactttttt	atgatgtact	aaaagccaca	gtatgtggca	480

actgcaaaag	gatcaggaat	ttaggggatg	atctcgggtc	cgtgtcccgg	gccgctgagg	540
ggaaaggaag	cgggcatgat	tgtagacaat	gaggggggtc	tcttgatgta	atgaaatgca	600
attttatggg	ttgggtgcaa	aactcctatt	ttccagttaa	ttacttttat	ttctaaagca	660
tatttttgat	tnccatcna	nagcnataaa	gcattaaaat	tctttaaaaa	aaaatnatcn	720
ntctcnantn	ctccanatnc	aaaaaaaaact	tcgnnccntt	naanaccttt	ttgngnggtt	780
cntnttttnc	cgngannccc	cncnttnnn	nctnngattc	cntttgnectg	tnntttgnga	840
cnaaccccc	atactnagan	tnctccgcaa	aaaaaantcc	nt		882

<210> 4260
 <211> 755
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(755)
 <223> n = A,T,C or G

<400> 4260						
nngtgnantg	ngatnttggc	nagcgccatg	antnnnggag	tcgancgann	nncggcacga	60
ggagaaccnc	ntaaagccct	nannnttcct	ttttttngna	ngaagnggga	gtanatggnt	120
ngcnatntan	nccnanangg	cacnntnnan	ggaggngnaa	ccactctgac	gtnnatngg	180
cantgagagn	tagancagag	gctgncctgc	ntggaagctg	atatacccta	taatncanag	240
ggnnnnagac	nantnttgng	aaactcggtg	anacattcta	tttanagaca	tgctgtctga	300
tatgacntat	atttttatag	ggataccent	ttatngctgg	gacatnaanc	ctgnttncac	360
tcnaaatggn	cctgctttca	gaaaatagaa	cangagacat	gccgaaaaca	gngnttctat	420
tattgtgnat	tatgantttt	gttctntaga	actattttcc	aactcatctn	ntnctctgca	480
gctgnggaat	ctggacagcn	aaatcttggtg	gacgtttatt	ccactaagcc	cagggatgag	540
atggcactca	ggttaaagaa	ctaacatttt	ctgaaccctt	nattaactat	ttaccagcat	600
caggccctct	aagtacaagt	gtcagaatcc	ttcatttcaa	ttttttcact	cngggcattn	660
cccattacaa	agcccatcct	attattgaac	ccnaanttna	gcaaaccact	taggtctgcc	720
acttaagaan	tcngngnnnc	aaggttgccn	aagaa			755

<210> 4261
 <211> 738
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(738)
 <223> n = A,T,C or G

<400> 4261						
tgtgttttct	nnctgtgggn	actggccttt	cnncangaag	cctggccggg	cgaactgcna	60
ncggcnncnn	cggaaagggg	ntgnncaann	gnaatttntg	cngntnangn	tgtatacacc	120
ttggangann	nnnttgngcn	attgcngntc	tnngangtat	tcangncnnn	taaattcntc	180
atnancncna	cttccatngt	ntnntcngnc	acatgctnnc	antntatnat	ncntgngaaa	240
ngcngantat	cnatgctaga	cntnnntgca	ggctgngngn	ncgganntgt	cntgacnnca	300
aactgtttac	tctnantgac	tgtgnniggn	ttntnccnat	gaaaannngg	gcagtattcc	360
cttnctaaan	gagntcnnag	gaagaagatg	agaancgggg	tggnatcagn	aactganngg	420
gcacngaagc	acgtgnnaga	ccctcnnana	atgatgtgan	nggacaaaaa	gcntgatcac	480
caagcgcttt	cangnctgga	ttccnnncn	gnatccatan	nagtcntgtn	anccaggacc	540
ttnnaggnat	catnnnccng	gcgtgtngnn	aatgagcatn	gtgtggtaca	cttgacgntg	600
tcccctgggtg	cntactntgt	aattcatgct	ncactagatn	agncnagnac	ntatatncgc	660
ttcggcactg	tgtgctngta	ccnaccncnc	gttggaccgt	nattcccctt	ncaatgtgtn	720
anatnttngg	ttgggcct					738

<210> 4262
 <211> 461
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(461)

<223> n = A,T,C or G

<400> 4262

ntcntngata	canctacttg	ttctttttgc	aggatcccat	cgattcgaat	tcggcacgag	60
gcaattgtct	atztatcttt	tatnttttta	agtcagtatg	gtctaacact	ggcatgttca	120
aagccacntt	atctctagtc	caaaattaca	agtaatcaag	ggtcattatg	ggtaggcat	180
tnatgttnt	atctgatntt	gngcaaaagc	ttgaaattaa	aacagctgca	ttagaaaaag	240
aggcgcttct	ccccctccct	acaccnaaag	gtgtatttaa	actatcttgt	gtgattaact	300
tatttanaga	tgctgtaact	taaaataggg	gatattttaag	gtagcttcag	ctagctntta	360
ggaaaatcac	tttgctaaact	cagaattatt	tttaaaaaaga	aatctgggtct	tgtagaaaa	420
caaaatttta	ttttgtgctc	atttaagttt	caaacttact	a		461

<210> 4263

<211> 749

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(749)

<223> n = A,T,C or G

<400> 4263

annganctg	nnggtcgtgt	aacgcccttt	ntnnangaag	acnggcgatn	cgaattccga	60
ggatccaaga	gggcnnnact	ngggngggct	tcntttcagc	tgaaggctgc	taccgtaccg	120
tgtgggagcg	cctgggtctg	gccttccaga	ccccagagcg	atactgccag	cagcgagtgt	180
tccgctcact	ggcctacatg	cggncactga	gcatatgggc	catgcagcta	gccctgcaac	240
agcagcagca	caaaaaggcc	tcttgcccaa	aagtcaaaca	gggcacagga	ctaaggacag	300
ggcctatgtt	tggaccaaag	gaagccatgg	cnaacctgag	cccagagtga	gccgtctgaa	360
ctgtgggagg	gaagtgctaa	cagcccagcc	tncagcctgg	cctttcctcc	ttccccctctg	420
aacctcctgc	aacctgagc	catcaggaca	atcatacccc	ttccccctctc	tccacccaat	480
tgtgccagta	aatgggggtt	gagggtgacc	taggcagcat	tagaatcact	tatttatctc	540
tttctacct	gttccctgac	tgcgtgaaat	gttcaggagg	gtcagttgat	ttccccaggt	600
acattcatgg	tgtgacagac	acatgggtac	aaataaaaaga	cccagaaaagc	caacnaaaaa	660
annnggtttt	nanncnnga	attttaaaaa	nntntaaatt	ncntngnntt	aaaaantnct	720
ttntgnaaa	aaannntttt	ggccttttt				749

<210> 4264

<211> 747

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(747)

<223> n = A,T,C or G

<400> 4264

nggggtnttt	atanaatcca	ggcctacttg	ttctttttgc	aggatcccat	cgattcggcc	60
acatcggggg	caccaccctc	catgcctttg	caggcatcgg	ctcaggccag	gctcctctag	120
cccagtggtg	ggccctggcc	caaaggccag	gcgtgcggca	gggctggctg	aactgccagc	180
ggttggtcat	tgacgagatc	tcaatggtgg	aggcagacct	gtttgccagt	ggccaggcct	240
atgtggccct	ttctcgggcc	cgcagcctgc	agggcctacg	tgtgctgact	ttgaccccat	300
ggcggttcgc	tgtgaccccc	gtgtgctgna	cttctatgcc	accctgcggc	ggggcaggag	360
cctcagctcg	gagtcgccag	atgatgatga	ngcagcctca	gaccaggaga	acatggaccc	420
aatcctnctg	agcctnacc	acaaagagga	gacaaaaggg	ttggcctgtg	gcctncccg	480

cctcctgctn	cctatggccc	angggcccag	ggaataactg	gagtaggcag	gcagtgtccc	540
cttctgtatt	ttttanggac	tntaaccttc	tgcagggtta	aagggagaag	tctttaaacc	600
catataccaa	ctgtgcttca	gttcttttan	ttttgcctgg	gtaaactgct	gtagggtcag	660
aattaccctt	tctgtgccaa	ttganaatga	acctgtgtgg	tactgatgtc	agaggacaaa	720
ctntntgaan	ggcttgaaca	nacttga				747

<210> 4265
 <211> 793
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(793)
 <223> n = A,T,C or G

<400> 4265						
ncntttatca	aancgnttgg	gctactcgnt	ctttctgcag	gatcccatcc	gattcgaatt	60
cggcacgaga	aagaaagggc	tcgtgacaga	gaaagatnna	aagagaagtc	gttcacgaag	120
tagacactca	agccgaacat	cagacagaag	atgcagcagg	tctcgggacc	acaaaagggtc	180
acgaagtaga	gaaagaaggc	ggagcagaag	tagagatcga	cgaagaagca	gaagccatga	240
tcgatcagaa	agaaaacaca	gatctcgaag	tcgggatcga	agaagatcaa	aaagccggga	300
tcgaaagtca	tataagcaca	ggagcaaaag	tcgggacaga	gaacaagata	gaaaatccaa	360
ggagaaagaa	aagaggggat	ctgatgataa	aaaaagtagt	gtgaagtccg	gtagtcgaga	420
aaagcagagt	gaagacacaa	acacttgaat	cgaangaaag	tgatactaag	aatgagggtca	480
atgggaccag	ttgaagacat	taaatctgaa	ggtgacactc	agtncaatta	aaactgatct	540
gattnagacc	tcagatcaga	cagaggacta	ctggttcgaa	gattttttga	anaatnctga	600
ngaacgggat	aaagtgaaga	tcgnncnttt	aaaaaaatga	ggttgaaaag	aaagctatna	660
gtggcattna	aaaagtntta	agctncantt	agttttnttt	attattatta	ttattttaaaa	720
ggttaatttc	aaggacttga	tgttgacctc	cngatttccn	gaacatgtgt	tnaatagttn	780
ttattcccct	tgg					793

<210> 4266
 <211> 811
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(811)
 <223> n = A,T,C or G

<400> 4266						
tnnnaatcnc	nnnaagcctt	tgttnaaccc	ctttgctact	ngcncntttt	gcaggatccc	60
atcgcttcna	attcggcacg	aggttatncc	agtatctgnc	ancagaatgg	cattgtgccc	120
atcgtaggagc	ctgagatcct	ccctgatggg	gaccatgact	tgaagcgctg	ncagtatgtg	180
accgataaag	gtgctggctg	ctgtctacan	ggctctgagt	gaccaccaca	tctacctgna	240
aggcaccttg	ctgaagccca	acatggtnac	cccaggccat	gcttgcactc	anaagttttc	300
tcatgangag	attgccatgg	cgaccgtcac	ancgctgcnc	cgcacagnyc	cccccgctgt	360
cactgggatc	accttcctgt	ctggaggcca	nactgacgag	gangcttaca	tcaacctaaa	420
tgccattaac	aagtgcccn	tgctgaancc	ntgnncctg	accttcttct	actgncgagc	480
nctgcangcc	tctgcnctga	acgcctgngg	cggnaataag	gagaacctga	agctgctcac	540
gaagaatntg	tcaagcgaac	ctgncnaac	agcctngcct	ggcaaggaaa	gtncacttnc	600
gagccgggtta	ggctagggct	tgctgcaacc	gaagtcacct	ctttggtntt	ctaaccatcg	660
ccttttttaa	nncggaagg	tgtttcccca	aggattgccc	cccaanaact	tnnaagnctt	720
ttggccccaa	tttccnantt	tttgaaanaa	ggnaggncgg	centncttta	nngggcttcc	780
aaaccttggy	cttaganccc	nggctttttt	t			811

<210> 4267
 <211> 469
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(469)

<223> n = A,T,C or G

<400> 4267

ntnccnttttn	nantacanat	acaagctact	tggtcttttt	gcaggatccc	atcgattcgc	60
catgccccagc	tgtaatttct	tattaggtgc	cagacattat	gaattttacc	ttactgggtg	120
ttgggtacat	ttggatgtct	ttaagtattc	ctgagaatta	ttctcaggtg	cagttagggt	180
acttatgaat	agtctaattc	tttagagtct	tgctttcaag	ctctcttagg	gcaggagcag	240
cctttagttt	atgactaata	tgGCCctggt	actgagacac	taccatttcta	agtacctaaa	300
tacccaatgc	cctgtgtagc	atgaggcatt	tcaactctggc	tgataggact	gtgaactagc	360
ctcaacctta	tatggctctt	gatgattgtt	ttgcctgttc	ccttctgtgg	ttcttttccc	420
gtgtcttctt	tactcacgct	tactgctcag	tactcagccc	gaagactct		469

<210> 4268

<211> 463

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(463)

<223> n = A,T,C or G

<400> 4268

cgttacttcg	atcaagctct	tggtcttttt	gcaggatccc	atcgattcga	aaacccctac	60
aaaaaaactt	taaaaaaat	ggcagcaaag	ggtagttttc	atctgggtgc	ttttatttaa	120
gttttttaag	ttaagaaaag	ctggtgacat	atctatacgt	ttttgtgcaa	aaataaatga	180
atggcaatag	atcttaaaaa	atcttattat	gtacttctgt	gtgaaaaagt	ctgtataata	240
tttccttaa	atatgcatta	ttttacttgt	gagttttttc	tgaattaatc	tgaaatgtca	300
agccctggat	ttgtcacaga	gtgagaagt	atcttatttt	ttttattttt	taattntgga	360
aattctgcag	aaatcanaac	tcttaccatg	gtttgaacaa	aaaaagggga	aatggggagg	420
ggaaaagggt	gggattgtcc	ancatgcttg	tatgtatatt	tca		463

<210> 4269

<211> 468

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(468)

<223> n = A,T,C or G

<400> 4269

tccgtntgan	taccgttaca	ngctacttgt	tctttttgca	ggatcccatc	gattcgaatt	60
cggcacagaa	gaccaagcgc	atgcgaacct	ctttcaagca	tcaccagctc	cggaccatga	120
aatcctactt	tgccatcaac	cacaacccgg	atgccaaagga	cctcaagcag	cttgcccaga	180
aaacaggtct	gccaaaagag	ttttgcagg	agaacaaatc	ttggggcatt	acagccaaac	240
atcccgcagt	ttgaaaattc	cctaaagtat	taaaagaagg	ggaaaagtgt	gatcggaat	300
ccactgcagt	gaagacaaag	acactattag	gttatgataa	tcatacatta	aaaaatttat	360
taagccaaaa	aaaagagaga	gagagagact	taaagtgtcat	ttactgaatg	ttaacgaaac	420
ttgtgttctt	tatggtgtct	aacacaactg	aaggcctaaa	attatgtg		468

<210> 4270

<211> 765

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(765)
 <223> n = A,T,C or G

<400> 4270
 nncttactna aaccgttttg ctacttggtc tttttgcagg atcccatcga ttcgaattcg 60
 gcacgaggac ctatcttgat ctggatagta aagtgaggac tttaaaaaag tttattaaat 120
 tactgggaga aatcatggag cacagattca agacatatca acaatttaga aggtgtttga 180
 ctttacgatg caaattatac tttgacaact tactatctca gcgggcctat tgtggaaaaa 240
 tgaattttga ccacaagaat gaaactctaa gtatatcagt tcagcctgga gaaggaaata 300
 aagctgcttt caatgacatg agagccttgt ctggagggtga acgttctttc tccacagtgt 360
 gttttattct ttcctgtggt tccatcgag aatctccttt cagatgcctg gatgaatttg 420
 atgtctacat ggatatggtt aataggagaa ttgccatgga cttgatactg aagatggcag 480
 attcccagcg ttttagacag tttatcttgc tcacacctca aagcatgagt tcaattccat 540
 ccagtaaaact gataagaatt ctccgaatga ctgacctga aagaggacaa actacattgc 600
 ctttcagacc tgtgactcaa gaagaagatg atgccaaagg tgatttgtac ttaacatgcc 660
 ttgtcctgat gttgaaggat ttgtgaaagg gaaaaaaaat tctngactct tgatataata 720
 aatgagact ggaggcattc tgaaattgaa aaaaaaaaaa aaaat 765

<210> 4271
 <211> 466
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(466)
 <223> n = A,T,C or G

<400> 4271
 mnccnnttna ntanagatac aagctacttg ttctttttgc aggatcccat cgattcgctt 60
 ggggccagga tcctggagtc cttgcttggg gataacttcc tggagagctg ctcaagtcagc 120
 tatacccttg ggagtccttt gttgaggag aaataaatgt cattttgcaa agccactgat 180
 attctgtggt tatcacggca gtttagagag gaaggatggg ggaaagctgg gttgcgctct 240
 agccttgaca cttcctgcct ttgtagtgtt aggcaaacat ggcaacccca gaaaactcan 300
 ctgcctcagt ttttaaggcat gcagggtcct tgtgaggacc atataagcca cgtggagggg 360
 tctagaccaa gcatagtgtc tggaagaaag ggcgtgtgtg ctaatgattt atgtctcttt 420
 tctttctgag agtcttgctc cccaacacca naggtgagac cacctg 466

<210> 4272
 <211> 465
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(465)
 <223> n = A,T,C or G

<400> 4272
 ttcncttttna tatagataca gctacttggt cttttttgcag gatcccatcg attcgaattc 60
 ggacagagct ttagccccag tcaagttacc tcagcaaaga ctagctgacc ctgccaagcc 120
 ctgccccagt tacagaatca tgagcaaata aatggctgtt tctgttttaa gctttttaa 180
 tttgggggtg gtttatgtgt caataataac tgaaacagat aatatataca gaataaactt 240
 tagttttaat aatctaagta aaagccact aattcattat gcagaaaaaa atgatttttt 300
 tgagacgggg tctcgctctg ttgccaggct ggagtgtgtg ggcacaacca tagctcactg 360
 cagcctccac ctccctgggt caagcgatct tcccacctca gcctcccag tagttgagac 420
 cacagtcccc ttggtgtggt ggaagcaagg tgccatgtga taagt 465

<210> 4273
 <211> 630
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(630)
 <223> n = A,T,C or G

<400> 4273
 nnnnactntn tcnnacatnnn cngancnnnn ntctcngnac antttgnnna acngntntgt 60
 gggggnngnn nnanntnngc nnnnnnnnnn nnnnnncaan ccttggaac ctncctnngc 120
 cgatccnnnn ntgcannatn ccgcnngngg gactngnaan cnngnccana taatnagggg 180
 ttnnnctgna cnnggcaaaa accccannat taggnanggn gcgctaggng gcccnananc 240
 catgnagtgg cagncgncica nncngttgtt tnnccaatcn nnaattcgna tcgcctcggn 300
 ancgcccctg. ggggtangggg acactctgnc nantggncn actgntnana anaaggganc 360
 nagtgtcnng angnccnccg cntacncnag ngaatcctnc cngngnccg gnggactagg 420
 gnggatnncn nncangaagg nngggagccg nagaacanac ntgggtgacn ggntgngaca 480
 aagnnnccgt cnaaaaaatg ctangggnaa nnacanaagg agnntcnaa tgcatnanna 540
 ngtgangttc caacgccna tgaaaaagg annanggaaa gtcgcacant gattganang 600
 gngcgcngn ngngcatatn naaatnnanc 630

<210> 4274
 <211> 618
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(618)
 <223> n = A,T,C or G

<400> 4274
 tnnncnnan ncnnccnct nnnncnnntn gantnnnnnn nnnnnacntn ctcangnnng 60
 tnnacatncan naagnnngta ntntngtcgc ntgnncntnn nncnnntatc gnaatnnnnn 120
 nnnnnntnc ttnccttttg taacccttt tnnccntgg cntnacncat gnaaccgta 180
 agncgngcn angcnatagc tatnaacgaa catttnncnt ngctacggnn nattgnactn 240
 acgcnncnt gtangangcc acnttnacat gcnaggncgg cacaccggtg naataatngn 300
 gtcgctnnnt ggggtcggcc ctaacgcttc cnttngcntn agncangng cctnagactn 360
 ttacagnngc attgganaan gncgcggcgt naccgctgc nntacncaat naaggngtgt 420
 gaaacacngg acntgggttg aaaaacnntn aancngatg gcngagcnta agccccgngg 480
 gngcctgagg aagcgtgcag cnaggtncnn atganaaatc acttgtgncn aaacggacaa 540
 tgantgcgn agnggaantc tgngcncgtt agncaacna nntgtnnatt gggcgcatg 600
 aannngcatg actccnnc 618

<210> 4275
 <211> 1446
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1446)
 <223> n = A,T,C or G

<400> 4275
 gnnngnann gggnggggna nngngaggn gngnggggn gngnggggn gngnganggg 60
 nnggccnnan nnggccggag cnggggnnc gngngagag ngcnngnaaa gccctttgga 120
 aaggncggag nngagtggng ggcgcngga gaggggggn ggggagngg ggnagngggg 180
 gggggggng nngcncgnt gagnggngg gngagaggg gngcnnnnng gnnngggggg 240

ggcngcnggg	ggngngaggg	nnggnnggna	gnngngnnng	aaggngggng	ncgangnnnn	300
agtggangnc	gngagngcgg	gggaanggag	nngcnggggg	nngnnngggg	ggngnggggg	360
agggnnagga	gggnnagagn	gncnngtggn	agggagncng	gnnnnggaan	gagcgaccng	420
gaggggaang	gnaggganng	ggngagggga	gaggnnggnn	agncgnagag	agggncnggg	480
nggannacgg	annacgggng	cnangncntn	gaggcnnccn	nggggaggcc	nannanggtc	540
cgggggggnc	aggaaggann	caagggaatn	aggaanaana	gncgccaagg	ggngngnaag	600
nngaaannnn	gcangggggg	ganngccggg	agcgganngg	gnngagnan	aggggnanggn	660
gggangaang	cgggnnnngg	ggaaggagng	gagnganaaa	angggccagg	gagggnggag	720
angngngac	cnnnggnana	ncaangggng	aaangcngga	ngggggnaga	gagggggan	780
naaccngaga	nggaaanggg	gangggggcc	aaaggggggg	gggagcccn	ggnggggaaa	840
aggganccag	nttaagaaaa	gagccggggn	agaggggngg	ggaanccaan	ngtgngagag	900
ggcngccgaa	gatggngaga	nnaaaccagg	ggganagcat	gggggatnan	aggganaacc	960
cgaangangga	aaggcaaggg	gaacncnggg	anngggggaa	ncgnaagccg	ggggnggcng	1020
ggnaaanggg	aanagnngng	agggggggaa	ggggaanant	gaaccnnggg	naggaaaaaa	1080
cgggggggaa	ntnaaaaaag	gggggggaaa	aggaantg	gggagccaan	gnntgaaaga	1140
aaaaaaata	gggnaagggg	gggggggaga	naggggnaaa	aagggcctga	catagaggng	1200
gggggcgagt	atgggnnaaa	gaaaaagggg	gngntnnaaa	agggncncng	ngaggtanga	1260
gggaggggng	ggtngggaga	nagngaana	aagagcgaag	agatnagtnn	naaaaaangg	1320
gnnganaaan	ntgcgcaggg	gaagctgggg	aaaggggngg	ggacccann	agccncggga	1380
anatgtgncn	gggaaaaana	gggggggggn	gnnaaganag	ggggaaaaana	aaagggccca	1440
ccnggg						1446

<210> 4276
 <211> 762
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(762).
 <223> n = A,T,C or G

<400> 4276						
ggtggttttt	angnnnnnttt	ttctantngc	agctacttgt	tcttttttgc	ggatcccatc	60
gattcgngtg	gctctcccag	cgtctgacct	ggcgtgtctc	tcagtcccat	cccaaggcga	120
tgttctctac	cgctagatgg	agcatcagac	ctcaagtcaa	gancatccca	gttctactgt	180
gcttnnggtg	gctctantct	gggagggang	gggagacttg	aaaatgggan	gatctcattg	240
gcttgctaag	gnttnnggatt	tacctcntat	cactggagac	ccattgtagc	gacaangtca	300
agggaaacnng	aacttgttta	ctatcngtgc	gctctacatt	gaatttaccg	acaaactctg	360
tgannaatcn	gatatgaaca	atgcacnctn	nnctngtctn	agacannnnn	ttannaagaa	420
ggngcacact	gaacnnnctn	acagcactnt	tnngtagggg	cactgtactn	tgacctgnat	480
gaaantntan	ccgaggccan	aatngaccna	ctatnaagct	taacacngat	tnnagnnata	540
taatnaatga	nnattnaana	tgancctgan	ctannagctt	aatagtnctg	atgggcctnc	600
atgtnatntc	aaaggncctt	gaattggcta	cttanaagga	naatggccaa	tngnacgtgt	660
tnnangaaag	ggaaaacagga	aangcnccta	gtcccantgt	aatngtctnt	nggcaancaa	720
nctgttttaa	acggtnctcg	aaaaaaanan	nttcnnnnnt	nn		762

<210> 4277
 <211> 793
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(793)
 <223> n = A,T,C or G

<400> 4277						
ncntttatca	aancgnnttg	gctactcgnt	ctttctgcag	gatcccatcc	gattcgaatt	60
cggcacgaga	aagaaagggc	tcgtgacaga	gaaagatnna	aagagaagtc	gttcacgaag	120
tagacactca	agccgaacat	cagacagaag	atgcagcagg	tctcgggacc	acaaaagtc	180

acgaagtaga	gaaagaaggc	ggagcagaag	tagagatcga	cgaagaagca	gaagccatga	240
tcgatcagaa	agaaaacaca	gatctcgaag	tcgggatcga	agaagatcaa	aaagccggga	300
tcgaaagtca	tataagcaca	ggagcaaaa	tcgggacaga	gaacaagata	gaaaatccaa	360
ggagaaagaa	aagaggggat	ctgatgataa	aaaaagtagt	gtgaagtccg	gtagtcgaga	420
aaagcagagt	gaagacacaa	acacttgaat	cgaangaaa	tgataactaag	aatgagggtca	480
atgggaccag	ttgaagacat	taaatctgaa	ggtgacactc	agtncaatta	aaactgatct	540
gattnagacc	tcagatcaga	cagaggacta	ctggttcgaa	gatttttggg	anaatnctga	600
ngaacgggat	aaagtgaaga	tcgnncnttt	aaaaaaatga	ggttgaaaag	aaagctatna	660
gtggcattna	aaaagtntta	agctncantt	agttttnttt	attattatta	ttatttaaaa	720
ggttaatttc	aaggacttga	tgttgacctc	cngatttccn	gaacatgtgt	tnaatagttn	780
ttattcccct	tgg					793

<210> 4278
 <211> 903
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(903)
 <223> n = A,T,C or G

<400> 4278						
ggtttntttt	tttgnngntt	ttgngcnttt	tnaggcgtnn	tntctgatcc	ccgctaattg	60
cattcggncg	ngctncccta	cagatantgc	atgcacnttg	nagntaattc	agtgtnttta	120
acngntncat	antntatcaa	gcngtncatg	aangtgtngt	natnaaatgt	ctatgtatct	180
ntagttacat	tcaaantnng	aactttataa	acatgttnta	tgcttgagga	aatttctaag	240
gtggtagtat	aaatggaaac	tttttgaagt	agaccggata	tgggctactt	gtgactagac	300
ttttaaactt	tgctctttca	ngcagaagcc	tggtttctgg	gagaacactg	cacagcgatt	360
tctttcccag	gatttcacaa	ctttttnaag	gaagatnaat	gaacatcnna	tttctaggta	420
tngaactatg	ttattgaaag	gaaaaggaac	actgggtgtt	gtttcttaga	ctcatgaaan	480
ttaataatta	tgaangcaat	gaaaaattaa	nttgaaacat	taaantctnc	ntgacantng	540
gaatnattcc	tttgccactt	tnttgcatat	atttcagaan	acnattccgt	nnnttnttcc	600
antntngcna	acccatttnt	ncctggatnt	tgngccatah	ttttgacntc	ccggnntnta	660
ttcannatnn	ccttnncccg	gtaatcgnn	antttgggan	atctgnmant	nttaaaatat	720
gncntttata	tatanttaat	ttctttcann	naaanttctg	gnataggcct	ggttnatttan	780
antnnntnt	tatttgngng	nanancnttt	tatcgtntan	aanatttaac	cncttntnt	840
tttctgnggc	ccttttcgta	taaaaacctt	cntntatntt	tnnngacaat	nttntntttt	900
nnc						903

<210> 4279
 <211> 866
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(866)
 <223> n = A,T,C or G

<400> 4279						
angcnagagc	ccacggaatt	tnatgcctt	tatcgagncn	gcncccgcg	ggannnaaac	60
agcnggacnt	gccncacgag	nggantntgc	nccttttttt	gggccgncca	ntccccacag	120
ncngagggg	ggttaatnnc	ngaacgctgn	agaatannta	ttgatgagca	ncngagaagn	180
aacatgnnca	tggccaccag	gcncgnccac	tcacngcaaa	agtgaccaag	ccagcangtc	240
acccttaact	ggcagaacc	aanatcaggg	nggnagnccg	gacttnaaat	gcnnagaaac	300
ctgtnagtga	tgggaaggna	agaaaaattc	agnatggana	anaanaatcn	gggcacncaa	360
acaaattcac	tganaantcc	anaagnctat	tnanaaacia	gatagcnatg	agtncanatc	420
natecnantg	gncntntaat	nttacaacca	anccttaacc	ttccactcta	aagggaagga	480
atactangaa	tggattacnt	ttccggggta	nnataaancn	ggggnantaa	atgatnangg	540
gaaancccaa	aanctaccen	nnantcnang	gantntggaa	tncttactc	ttcatcaaga	600

ncatttccag	nttctaagg	gaccccttta	cnaanttnaa	aanggattcn	annttggcnt	660
ctnaagnggg	ntcgcccgcc	ccnaaaaaat	natnataatg	gaccnggggn	tcaaangnan	720
ctnacnggaa	aaangaaagc	ccggnaaagg	accaggcntt	tccaaggaan	gaagggaaaa	780
tncccncgaa	ancccccggg	ataaanctca	anggggttac	acaaaaaagc	catccccncg	840
aattaanccc	aaaaaattgg	gcagcc				866

<210> 4280

<211> 750

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(750)

<223> n = A,T,C or G

<400> 4280

gaanactcn	tnatcgnttg	caggatccct	cgattcgaat	tcggcacgag	gctgggactg	60
acagcctgca	gggtttcctt	gggcgcggcc	ccaaaattgc	cttcaaaaca	aacccgggac	120
gggtgaaagc	cttcgaaccg	tgcangggat	gcctcgggcc	ctggcccttc	gcttccctct	180
ttgtgttatg	gaaataaaaa	caaataaaac	tacaaaaaaa	aaaaaaaaaa	aactcgagcc	240
tctagaacta	tagtgagtcg	tattacgtag	atccagacat	gataagatac	attgatgagt	300
ttggacaaac	cacaactaga	atgcagtga	aaaaatgctt	tatttgtgaa	atttgtgatg	360
ctattgcttt	atttctaacc	attataagct	gcaataaaca	agttaacaac	aacaattgca	420
ttcattttat	gtttcagggt	cagggggagg	tgtgggaggt	tttttaattc	gcggccgcg	480
cgccaatgca	ttgggcccg	taccagctt	ttgttccctt	tagtgagggt	taattgcncg	540
cttggcgtaa	tcattggcata	gctgtttcct	gtgtgaaatt	gntatccgct	cacaatttac	600
acaacatacg	agcccgagg	cataaagtgt	aaaagcctgg	ggtgccta	gaagtgagct	660
aactcacatt	aattgcgttg	cgcttaattg	gccgcttttc	caatcgggga	aacctgtcna	720
ngccanctgn	attaatgaat	cggncaaccg				750

<210> 4281

<211> 1094

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1094)

<223> n = A,T,C or G

<400> 4281

cctntnnncn	antanantac	ananntnntt	cacnncant	ntaatantnt	cctntctanc	60
tctcttan	tttacgcna	catatncncn	nnnctnatct	tctncanatt	ttananatat	120
acctnannct	ccatncanna	ggtngtnaen	ngggataaat	ngggngntn	gtaangagng	180
ctnatcnaac	tactaggttg	gaatnaattc	ctnccntnt	tctnactnag	ntnaatcatc	240
gtacgaggaa	aaaacaaagn	antancttan	gccttngaca	aggatatnag	cacctaatgt	300
actnntaagc	ttaacctggn	ggnaancccn	natanncgta	aantganant	annnaatgcc	360
acangtgnag	ntntgcatcc	cctgaaannc	tnanaacaaa	tgnttaanga	ntatgnctgt	420
cttaantatt	ctttcaetta	nttagttcna	ctgcanaccc	ccatcctggn	aggggttatt	480
cggnagttaa	ggtactttca	taagttntaa	acanaatgat	atntgntatt	acgntaacct	540
ttctcttgat	gacaatgana	aananaagcc	agtttccaca	gaagactana	naannnnng	600
ttnggggtgn	tcctnctggn	ngntatcnnt	tnntgccana	cttttcccn	cattttaaaa	660
nngttnaaca	nttnggaten	tttcatntn	ncyttcggt	aannttttaa	tcntcntnac	720
naattggaan	canatattn	ncecaantnn	ncctttaaaa	atcttttagc	caacancttc	780
ttctannnaa	antngnaana	accctntnnn	atactaata	aanntgntc	attatnctna	840
cnttgtttaa	anaaatenta	ttcttngnga	naccnnaatt	attcnggttt	cncccccttt	900
nncttnncna	nangcntcnt	naantgnca	caatanccgt	ctaaanctgn	gnatncacan	960
nttcacctta	cccttaacnta	ntnantntnc	ttgananant	aantaggntc	ctcttagcct	1020
caaatnaaaa	taactttnnn	aacntntata	ncntngcaaa	cntntttnc	anncntnaat	1080
atccaatttn	cncg					1094

<210> 4282
 <211> 1247
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1247)
 <223> n = A,T,C or G

<400> 4282
 nnggatnn cn cgcgtcnn cgnatgtgcna nnaacacnan tgtgtgntgg ngcncntngtn 60
 ttttacngnt gatnacnnag atnttnttnc tcccnggnga cgattgnaat cctanacaga 120
 ctacttggtg ctntttgcag gtacccatcg attcgaatnc ggacggagg cnancannnn 180
 tngggacnng gnttaantgg cgnccgnnnt nnnnacnana gggnacgnan annnttcnta 240
 acaccttnnn angttaatnn actntgcagc nntannnnct ccntaanngn nngtancngn 300
 nntnaggntn nnngcagtna cnaantangc tacagnnnac gntnaaatnn ttngnnnnnn 360
 naaaantgan ggagncaa atgtgntngnt gnanncgtnn aanatnnggn cagatnggtc 420
 atnnggnnnn tnttntatnt ggnaacntan ttngnnantn ntngntnnag catnngnnag 480
 natnntnata tntntaactg ntntgaccaa atncatnaac nnaattactg nanganaanc 540
 ngccntnttt ntntntatng ntancnagan ngtgagggcg nngnagtgan gatgtgtaga 600
 annagntnng aagtnatgcn acacgtttat atgtnnctnt tatcagngga ananngatnt 660
 ntannngnttg acngnnntnn ngctaaagan aanaggnnna gcgaganngn agnnntctgt 720
 acagantccc ncnaantgtn ngncgcgcga anaatcnata taattcnnnta tggttatcnn 780
 tgtagggcg ttcnacacga tnaattatac tnacgattcg tangttncct acncaatanc 840
 gcncgctggn anannnnntcn anntcgcgaa actatagtan cncngnnagg gnaaagatnc 900
 annngtgcg caattaaana cnangcantn nntgnnggan atgtacgtaa ccatantggn 960
 tactactan nntacatgng ntntatnttn tngcgtatgat atcgtnant atatagtncg 1020
 antgatntat natnctctac tnatagantt gtatntnnac anaagatnaa tatctacatn 1080
 tantancana gatangctgc aaatnactgg ngnacacntc atanataana ccnncaanan 1140
 tgcanannat catnatagag tgactntatt atannaaaaa taaccantnc gtganatnga 1200
 nntnaatnt acgtggttng atgategcta cgtanaaccn cngnncn 1247

<210> 4283
 <211> 847
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(847)
 <223> n = A,T,C or G

<400> 4283
 cctgctgtng ggnanatana ncgtgctcnn tttgtacttc cccgnatggn ccatcnacnc 60
 gacgagccta acgcttgta actngnggga tcnngantng agantgactt tgtgncatnc 120
 ntgantanan ctgtangttn gtgaaancca nactacnnng cctcngnctc atcacctctt 180
 acacattccn nanantnn cn cagtcctnnan aangagncnt ngatnannaa naagagnctn 240
 tgnannaaca ggnntnnnaa gcngnnnnnn actnanagcn tgngaantga ncgnnnnctt 300
 ggtctgngtc cggtaagaag acancantng cncannagcn ggnnanncgn caggccantn 360
 aangnagcnt gcgtnnannt tnatgaagt tgagnatgg naacnnaatn tcnaacngnn 420
 ctntgtncnt gnnngnnaca cntgcctgan aancntanan ancnnngnant agantncnnn 480
 aacncngatc ttatanncac tttggaanaa gcaactnatc cctnacnggy catcctnttt 540
 gagancagga canctgttgn ngggacgcc catgacacng gccagaana ctccgggttn 600
 tttgnntttc agcnnnaaan ggcaagtga tttcctnttn cntncngngn acncatnggc 660
 tcatgnccc cctnaaannt nntannngn cntcgtana caccctnnat ngcnaanggc 720
 ccaangntnc nanttcgcn ccntttacca tnaaggatat taccnnaacc gtgccctttn 780
 gantngccag ncnattggnn nttntnttgn accatttngg naaaggggca aantntttan 840
 ncgtcnc 847

<210> 4284
 <211> 761
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(761)
 <223> n = A,T,C or G

```
<400> 4284
gncntttgan ttcataataga agctacttgt tctttttgca ggatcccatc gattcgctgc      60
agcgtctggg gtttncnttg cagncctcgg aaccagnacc tcngcgtggc ctacagagtt      120
atggcgacaa naggccgtgt gcgtgctgaa tggcgacggc ccagtgcagg gcatgatcna      180
tttncagcng aaagananta atggaccagn naacgtgtgg ggangcattn aaggactgac      240
tgaangcctg catggattcc atgttcatga ntttngagat aatacatgag gctgtaccan      300
tgcaggncct cactttantc ctctatccan aaaacanngt gggccaangg atgaanagag      360
gcntgttgga nacttggnga atgtgactgc tgacaaaaga tgggtgtggnc nnatgtgtct      420
attgaagatt ctgtgatctn actctnagna gaccatttgc ntcattggcc cgtacactgt      480
tgggtccatga naaaagcaca tgacttgggc aaaggtggaa atgaagaang tacatngaca      540
ggaaacgctg naatgatttg gcttgtngtg taattgggat cccnaataa acatcccttg      600
gatgaagctt gaggcctttt aattcatttt ttnantccng nnaccttggt aantggnaacn      660
tggaacactt aaccctttnn tttnttaaaa ggagaaanng tnttntnttt nanangagtt      720
ttttaanccc cttggtcgan aaaanttnnt ttttnatttn t                                761
```

<210> 4285
 <211> 805
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(805)
 <223> n = A,T,C or G

```
<400> 4285
tnnctaatan nanaatnctn cttnttgntc tntttgcagg atcccatcga ttcganntnc      60
ngangaggag annctgtcgg ncatgtgggt gaancnggt ncggacntgn catngncntg      120
tgccntgtna actacaggca ctgncnnttt ggaacaactc anggcattca tgcaaggctc      180
atnctgtgtg nannaanngg gactaacatt attggtgcgg ctncnaagc atgggtntct      240
natggatgna ttctgtccct gtgncnntga tannntatna annnactgaa gatnncnatn      300
aagttaaatn taaagagnat ggcntatnaa cngatcaggt angganntac nntggcaacn      360
cgagacactg tnngtncaa agcgcnntgn ggcntgctca ataactngng ccacaggcna      420
cacnataatn tactctatan atgcnctcaa tacnccggtn acnntnnnna ggacngntca      480
ttattangcn ctectggact gnaccgnact tgtctctgna cagngatnnn ccncgtncct      540
tanaaagnag ttcctacnaa acntgntang cattatanan gtatgcctgc attngaactg      600
nacgtctntg agactntcaa taacgtggtn canttgnmat tncaagccac ntatttgagn      660
gataacnntg gcgantgatc atncttactn ggcccttaat gttcncaant tgcantnagc      720
tngcncacca ngaaaacctn gttttcccggt ttggganata aaaacnggga ncctggaatg      780
caatggnaaa aanccgntta gaann                                805
```

<210> 4286
 <211> 805
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(805)
 <223> n = A,T,C or G

```

<400> 4286
tnnctaatan nanaatnctn cttnttgntc tntttgcagg atcccatcga ttcganntnc      60
ngangaggag annctgtcgg ncatgtgggtg gaancnggnt ncggacntgn catngncntg      120
tgccntgtna actacaggca ctgncnnttt ggaacaactc anggcattca tgcaaggctc      180
atnctgtgtg nannaanngg gactaacatt attggtgcgg ctncnaagc atgggtntcnt      240
natggatgna ttctgtccct gtgncnntga tannntatna annnactgaa gatnncnatn      300
aagttaaatn taaagagnat ggcntatnaa cngatcaggt angganntac nntggcaacn      360
cgagacactg tnngtncaa agcgcnntgn ggcntgctca ataactngng ccacaggcna      420
cacnataatn tactctatan atgcnctcaa tacnccggtg acnntnnnna ggacngntca      480
ttattangcn ctctggact gnaccgnact tgtctctgna cagngatnnn ccncgtncct      540
tanaaagnag ttctacnaa acntgntang cattatanan gtatgcctgc attngaactg      600
nacgtctntg agactntcaa taacgtggtn canttgnnat tncaagccac ntatttgagn      660
gataacnntg gcgantgatc atncttactn ggcccttaat gttcncannt tgcantnagc      720
tngccntcca ngaaaacctn gttttcccggt ttggganata aaaacnggga ncctggaatg      780
caatggnaaa aanccgntta gaann                                         805

```

<210> 4287

<211> 746

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(746)

<223> n = A,T,C or G

```

<400> 4287
gnccnttttg aattcanata caagctactt gttctttttg caggatccca tcgattcgct      60
gcagcgtctg gggtttccgt tgcagtcttc ggaaccagga cctcggcgtg gcctatcgag      120
ttatggcgac naaggccgtg tgcgtgctga agggcgacgg cccagtgcac ggcatcatca      180
atctcgagca naaggaaagt aatggaccag tgaagggtgtg gggaagcatt aaaggactga      240
ctgaaggcct gcatggattc catgttcatg agtttgagga taatacagca ggctgtacca      300
gtgcangtcc tcactttaat cctctatcca gaaaacacgg tgggccaag gatgaagaga      360
ggcatgttgg agacttgggc aatgtgactg ctgacaaaga tgggtgtggc gatgtgtcta      420
ttgaagattc tgtgatctca ctctcaggag accattgcat cattggccgc aactgggtg      480
tccatgaaaa agcanatnac ttgtgcanag gtggaaatga agaaagttca aagacaggan      540
acgctggaag tcgnttggtc ngaggtgtaa ttgggatcgn ccaatnaaca ttcccttgga      600
tgtagtctga gcccttact catctggtat cctgctagct gcagaaatgt atcctgataa      660
cnttaacact gcatcttaa agtgaattg agtgactttt canagtgtct taaagtacct      720
gtagagagaa ctgattatga tcactt                                         746

```

<210> 4288

<211> 762

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(762)

<223> n = A,T,C or G

```

<400> 4288
nnatatnang gnnmctnntt acttgctctn tctgcaggat cccatcgatt cgagaccaac      60
ccgcctgcag gaggctctga acctcttcaa gagcntctgg aacaacagat ggctgcgcac      120
catctctgtg atcctgttcc tcaacaagca agatctgctc gctgagaaag tccttgctgg      180
gaaatcgaag attgaggact actttccaga atttgctcgc tacactactc ctgaggatgc      240
tactcccgag cccggagagg acccacgctg gacccgggac aagtacttca ttcgagatga      300
gtttctgagg atcagactg ccagtggaga tgggcgtcac tactgctacc ctcatctcac      360
ctgcgtctgt gacactgaga acatccgccc tgtgttcaac gactgccgtg acatcattca      420
gcgcagtcac cttegtcagt acgagctgct ctaagaaggg aacccccaaa tttaattaaa      480
gccttaagca caattaatta aaagtgaaac gtaattgtac aagcagttaa tcaccacca      540

```

tagggcatga	ttaacaaagc	aacctttccc	ttccccgagt	gattttgcca	aacccccctt	600
tcccttcagc	ttgcttagtg	ttccaaat	agaaagctta	aggcggccta	cagaaaaagg	660
aaaaaaaggcc	acaaaagtnc	cttttacttt	cagtaaaaat	aaattaaaca	gcagcagcaa	720
ccaattaaaa	tggaattnan	gaaccaatga	aataatnttg	ng		762

<210> 4289
 <211> 1563
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1563)
 <223> n = A,T,C or G

<400> 4289						
gngaannaaa	ggaacgaccg gnaaaaangn naccgcggcg nncacngacn gnaataacnn 60					
ngcgacggnn	cgtgnaaaag nggngaggcg naagtggcn naaataaana aaacgcggcg 120					
agagcancng	nngaactann tngcagaaga gatggtnnan gcacggagng gnccgttttt 180					
gaaaaccncc	tcggtncaan gcccncgga naaatngtac gcgtgngtaa gaaaggccng 240					
nnacggtgna	aantcgtgcc gnntggagcg agcgnagaaa anncaagtgc naagacgacg 300					
aantttttgt	gncncnagtg ngaanannag gtggcnnacg ngggnggggg ggggntngna 360					
gangngaate	gtagnngnan gntaaanac ncgcgngnng gacacaaaag angganancn 420					
natngngnna	gagaantnng gtaancgng nnaggagaag cgnnngnana gngnaggta 480					
tngnangagc	gnancannng atncgaggga aaagcggngc gagaaacatn nntnacgaca 540					
atggngcgag	aggaacggn gcngcggaan nnnaannaa ntagagagan acnngnagnt 600					
ggnananaaaa	ngngggngga ggaannggn nnganggaga tagagncacg gggcgtgana 660					
nacaaacaga	aagtgcgtg nnatagangn ncgnaacntg nangangngg catannnngg 720					
ganaganata	anntccnaga tagagacgac ggggcgcnta nngnnnnaga ttgncggaca 780					
ancgctgatg	cgtnncnang ntgagagaaa gcgangncan ctacgggggg ggaaggngng 840					
tgtagnagagc	gnacncaa	ggagaaagaa	cggtggaaga	caacgacgcg	gngnacacac	900
gntngagacg	tgggcaaca	nagcncangn	tnantngagt	gngncgatgt	aagtgaentg	960
aaacatacna	nctcgngngg	agggnataan	aanaggaatg	ngnggnangc	gaaganaagn	1020
ntntncgtaa	anaactagan	ggncgcanaa	nnngnggagg	cgaagacgat	gannnangan	1080
aaaggnggat	cnaacggann	nncgnatgcn	attntggcnc	acngtaatat	atggannagc	1140
gaggacatng	gcgnnngaga	angccggaan	gacggaagat	agaatgnaan	attgngggga	1200
gngnnagnaa	tgaacggnna	ngacgngcag	gtttgngagn	ggagnangaa	ggggagggac	1260
gacgagggtg	gtagnggagn	nggacgagtg	ancgcngagt	gagatncaag	gacgaagana	1320
nacnnngng	anncgtagnt	cgcgataacg	nnataangag	nnanagnnga	nncanatacc	1380
gaanncnaga	nncacgtggn	ganntgcaaa	aaaagaancg	ggntnggcan	gacgatgcgg	1440
nnngagaagg	ganaaatnac	ncagggaann	tgggnggaac	nncaatangn	gtncnangcg	1500
gaaaaangng	ngataaggna	anganggata	gcnancgggn	gacnanngtg	ncnagngaag	1560
ccg						1563

<210> 4290
 <211> 752
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(752)
 <223> n = A,T,C or G

<400> 4290	
gaagtngctc	ttgttctttt tgcaggatcc ctcgattcgc tnacgtgtcg ncggggcggt 60
cgcagacttc	agggtncctc aacggagagg ccaggcnccg cgtggccnga caactncctg 120
nccgctcctt	cagcaagtga ctgtctntnn cactncttac ctgctgaang atctngctca 180
gcngctggaa	caatgctgct gtnacacant ctcnctntg cnacttnagg atgctncttg 240
gtcaccagg	antggganct gtagaccngn cgcgtgcact tncncnacat tcaactgctga 300
ctggcttanc	tggnatangt tcnagnagacc gggacttntc ttanagtcag nagecctcnc 360

aactacntca	tacntcgca	tctgannatt	ttcacagagg	nntnttcttn	gaagnngact	420
tggcaagnct	tacaagtga	tnnatngnna	ttggnaantn	cntttcttca	aatgctaaaa	480
ntcatgtcct	cataaatgca	antgatttta	gancacaann	tccccatgta	cannttccat	540
tanttaaact	agaccaatgt	gtacgggtca	tttgnggtat	tgnggaacat	cnnngttact	600
ggaaangact	attaanattt	cacagatggg	cttnatcaan	ttgctangaa	ttgngtctnc	660
taagtgtagt	taacttgtag	aatccaactt	aactncnagn	nnaantttca	aaactgatnc	720
tgtgaatgga	tggggancat	cttaactntt	ng			752

<210> 4291

<211> 881

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(881)

<223> n = A,T,C or G

<400> 4291

annnnnnnnnn	nnnnnnngnnn	nnnnnnngggg	nnnnnggnnnn	gnnnnnnnann	nnngnnnnnnn	60
nnngggnnnnn	nnnnnnnggnn	nnngngncng	atangnagac	ccgttnatac	aacgacccac	120
ggancggann	cggcacgaga	agcngcnagg	gccaggngnn	aannnnanag	gnnnagnngg	180
acncngnnan	gaaaaganag	gnnaggggng	ggcgacaggn	nganacagnc	nnagaaaaag	240
caggnannag	caaagnangg	gaaagcnagc	gggcangcnc	gcnaaccngg	ggaacgnccc	300
cnnaaacacn	nncaaaacnc	gngagccncc	nnnaacgaag	gaggaggagg	agcaaaccnn	360
nnccnngggac	gganncagna	agagggccag	cgccangga	naancacaag	nanganagcn	420
ggaacnggcn	caaanacngc	agcaaaagnc	gcanaganac	gcaaaggnac	aaagannnng	480
agccaggcan	nagncnagac	acagnaaggg	aacagacaga	naggcanncg	aggccnggaa	540
ggagcgnaca	anccgngngg	nnnnaaagcn	aaangnanna	aacangagcc	anncngaggg	600
angacagcca	gnannaacaa	naaaggccgc	acgnacacag	cagcgngngcn	aagcgggagg	660
agccnaaaan	aacanangna	cggngngccc	ggcnacagng	gccacgncnn	cgggggncnn	720
ggcncccaag	gggaggcccn	aagggggngg	gnnngaacnn	cccnggggga	cnanaagngg	780
ggncncncca	gnccgggggn	aaccggggng	ggaaacccca	nccncggagn	gnaaaaaggg	840
cccaaaaanng	cccagnagga	aangnngcng	gggcaaaacn	g		881

<210> 4292

<211> 786

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(786)

<223> n = A,T,C or G

<400> 4292

aangnnngng	ggnntgnttt	nntggntggg	ntgttattcn	tggcgctctg	gctacttgnt	60
nnatttgnat	gnatncgggc	gntncgannn	gntgtntctgn	gttnnatctt	ntaaatngct	120
tgctcttatt	atgttggtgn	ttaacanctt	aaacgctanc	tctagaccag	gaataattat	180
ttgctatata	ttacagcaaa	aaatatgtat	gtntaaatgg	actcattcaa	gaatatataa	240
gngaactcct	attacaaaga	aattgncaaa	cagcccagta	tatnaatgaa	tataaaaatt	300
tgagaagata	tttncatng	naagatntcn	aantgaacat	tnggcgatgn	aaaaccaa	360
tttaggatat	nactacacac	tctggnctag	tttaaaagac	tganaatat	aagtgtgtgg	420
naatgtnnan	caantggaaa	tggcctgcat	ntngcatnga	aatgtaaaac	antacatata	480
ctntgcaaaa	ctctgtccaa	cattntctac	ccattnacca	agcaactnca	tcncctagct	540
atanataccc	agggaaaata	agtanggtat	cttcacagaa	atnattgtat	gaagaaatat	600
tcatagttac	ttattgcacn	tgtagttat	cangtnaanc	tgtctcncat	cnggaaaaat	660
gggatatcaa	aattggtgtg	gataatnaat	acaancaatt	agggatatta	cttgngcna	720
aacaaaaaat	gaanacangg	ggaaaatnca	cattcaaacc	aaantangtg	gcatattata	780
cccacg						786

<210> 4293
 <211> 866
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(866)
 <223> n = A,T,C or G

<400> 4293
 angcnagagc ccacggaatt tncatgcctt tategagncn gcncccgcgc ggannnaaac 60
 agcnggacnt gccncacgag nggantntgc nctttttttt gggccgncca nntcccacag 120
 ncngangggg gggttaatnnc ngaacgctgn agaatannta ttgatgagca ncngagaagn 180
 aacatgnnca tggccaccag gcncgnccac tcacngcaaa agtgaccaag ccagcangtc 240
 acccttaact ggcagaaaacc aanatcaggg nggnagnccg gacttnaaat gcnnagaaac 300
 ctgtnagtga tggaagggna agaaaaattc agnatggana anaanaatcn gggcacncaa 360
 acaaattcac tganaantcc anaagnctat tnanaaacia gatagcnatg agtncanatc 420
 natccnantg gncntntaat nntacaacca anccttaacc ttccactcta aagggaagga 480
 atactangaa tggattacnt ttccggggta nnataaancn ggggnantaa atgatnangg 540
 gaaancccaa aanctaccn nnantcnang gantntggaa tnccttactc ttcacatga 600
 ncatttccag nttctaaggg gaccccttta cnaanttnaa aanggattcn annttggcnc 660
 ctnaagnggg ntgcgccggc cccnaaaaat natnataatg gaccnggggn tcaaangnan 720
 ctnacnggaa aaangaaagc ccggnaaagg accaggcncn tccaaggaan gaagggaaaa 780
 tnccncgaa anccccgga ataaantca anggggttac acaaaaaagc catccccncg 840
 aattaanccc aaaaaattgg gcagcc 866

<210> 4294
 <211> 787
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(787)
 <223> n = A,T,C or G

<400> 4294
 ggnnnnnnnn cnggnttnnn nnnttgcttc tnagccttng catttgactc ctgcaggatc 60
 ccatcgattc gaattcggca cgagcttttag ttcagataaa ggaaacatcc aaaaatactg 120
 agatgagtaa aattttattc aaagtaggtt cctgctttgt cttgatctca atccattcta 180
 actcctgatg tcatttaccg tgtgagatct tagtacaatc atgaaaagaa tatgagcatt 240
 tatcaaaact ctctgacatc tgtatgttta gaaatgaact tacacagcaa aatatgattt 300
 ccttgcaact atttaatttt tctaacttca atttctacct atgtgtctct gccagtttga 360
 cctgattcag acaccagaa cttgaataaa gaagccctct tctattttca ttcttaatga 420
 atataccttt tcccatgtcc acattgagcc tcccttctgt gtactctgct aatgcagcca 480
 catgtctagt tccccctctc tgcaccaccc tcaettcttc tttcccatct tcttacttct 540
 ttggtgtgac ctctctgtag gacaacatgc catttctgat tccccacaca cataccctat 600
 cattgatacc taccctcang gattagaatc tggctagtaa tttggaagag cccatcaagg 660
 ctttagtaaa gtattggact ggnaagtcaa caccattat ctcacaaaaa gggatgctgt 720
 gttgggggca nanggagaga gagagagaga gaccganaga gagacagacn gagagagaga 780
 aaggaat 787

<210> 4295
 <211> 795
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(795)

<223> n = A,T,C or G

<400> 4295

ggntttnnnt	nntgccttan	aagccttgcn	tangatgccn	ttnggatccc	atcgattcga	60
attcggcacg	aggggaacat	gagaaccgaa	gctagaattg	ctattgaatt	actttatatt	120
ctcttccctt	attgggtaga	gatacatcat	tactggcctc	aggggtttac	ccaaagaaag	180
ggtatttttg	agcaaataat	gtgatttcct	ggctattttg	ttgggggctt	aagatttttt	240
tttttcaaat	gcatttttag	tcactaaaaa	ttaactgtcg	taccatctag	aactatactg	300
tccagtacca	tagcctctag	ccgtatgtan	gctatttgta	ttaagattaa	ttgaaatttt	360
aaatccagtt	cctcagtcac	actagccact	ttctaagtgc	tcagtagctc	tgtgtgacca	420
gcggctactg	tattggatat	tatagaaggt	tctttcattc	aagatcatca	ttcttgacag	480
accataaat	atttcctata	aagactgtag	aagtgtgttc	tggagggttt	gctctccaaa	540
aagaattgta	atatagagta	gaattgggat	agagtattga	anacactggg	tttagacatt	600
ggatatttta	aatgattgng	gtgttcaatt	catgtgctgc	ccaactggag	ttatctagt	660
gatattgacc	ctcactggct	tgacaaaaag	cccgggaatag	aaaggcaggg	aattcctgaa	720
attctaact	taaaaatttg	gcaatggaaa	aagccctttt	nccctaaaat	tantcccatt	780
nttgtaaatt	ccttg					795

<210> 4296

<211> 740

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(740)

<223> n = A,T,C or G

<400> 4296

taagttgctc	tggtcttttt	gcaggatccc	tcgattcgaa	ttcggcacga	gactggagtt	60
aaggaggtag	atgacttctt	tgagcaagag	aagaacttcc	ttattaacta	ttacaatagg	120
atcaaagatt	cttgtgtgaa	agctgacaaa	atgaccagat	ctcataaaaa	tggtgccgat	180
gactatatcc	acaccgcagc	ctgcttacat	agcctggctt	tagaagagcc	cacagtcac	240
aaaaagtacc	tattgaaggt	tgctgagcta	tttgaaaaac	taaggaaagt	agagggtcga	300
gtttcatcag	atgaagattt	gaagctaaca	gagctcctcc	gatactacat	gctcaacatt	360
gaagctgcta	aggatctctt	atacagacgc	accaaagccc	tcattgacta	tgagaactca	420
aacaaagctc	tggataaggc	ccggttaaag	agcanagacg	tcaagttggc	tgangcacac	480
cagcangagt	gctgccagaa	atttgaacaa	ctttccgaat	ctgcaaanga	agaactgatn	540
aatttcaaac	ggaaganagt	ggcagcattt	anaaagaatc	taattgaaat	gtctgaactg	600
gaaataaaaac	atgccangaa	caatgtctcc	cttttgacga	ctgtattgac	ttgttcaaga	660
atactgatat	gccttcctca	gaagaaaaga	aatgaatgtg	aaagaaagcc	agcctcactg	720
ccttaaatca	ttaccgcgaa					740

<210> 4297

<211> 1191

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1191)

<223> n = A,T,C or G

<400> 4297

cccgcataata	aanananacc	cngngnacna	annacacacc	cannaanana	taatanngcn	60
ataagnnnac	angggggaac	aggggantn	ggncgaatga	ngacnncaat	tnacaggnat	120
ttaattccaa	mncnntnana	ctacngnccc	nnanatcnna	cgagnatnca	ncccaagnag	180
nancngacan	tcagangagc	gtnttacaan	nacngcaann	acnngaccag	ncnggancga	240
taangggggn	caaancanna	nttccangga	tcangcatag	tacnaccnct	gaatnggtac	300
cattncnact	ttacncnnga	cnaacaagta	tcctgtntgg	cctnaaaatn	caagttgaaa	360
atnaantcng	aatctcncca	gancaaanana	gacatncann	ccnatnnntt	anantacnaa	420

ntatcnaatg	ntanaaatcc	atgggnaaga	cataaaaact	nncagctata	naaananctn	480
ntaaanggct	attnggatnt	aaaaaccana	tnatnnnacc	ntncaâcnac	ctannnnntna	540
agaaancann	tnnncaanaa	ntacnancca	atnnncagan	ggacgnnaaa	tgnnnacant	600
cangaaattg	aaaccngana	agncccnatn	naangnntta	aaaacntcag	cggcaaatecc	660
cncatnccac	naanggnntn	ncggaaaaang	gnnnntaact	ggntaacncc	natantntaa	720
aacgggaacc	atcgccaatg	cgtncgctan	ccaacanann	taaancgatc	nacannacca	780
cagnnncnta	ttnaagaatc	tnganannca	cacttacnna	ttcaaatagg	ngncntnnnn	840
tgnatatnta	ncnmatnngc	cacatctnat	ntatcaccnc	annctcanng	ntcnnacanc	900
atggagagca	tntcnggana	caancngngt	annancacat	cncancanng	cgaaacncca	960
nataatntacn	tgggtantca	ncgcgnaact	gcgcgcgcgn	agnatnagat	cacattatnt	1020
gatactacag	ctaaannngac	acacattaca	nngtntntac	anaaataactn	tacnntcnan	1080
acncnntaca	cacaaaaatt	acctcanagg	gagananmta	catatctnaa	aacanccecn	1140
anantnancn	naaaagactc	cntacgcgna	nanagtgcgc	tctcgnâann	g	1191

<210> 4298

<211> 753

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(753)

<223> n = A,T,C or G

<400> 4298

ntnctgtttn	ntanaacntt	gntcttttnan	tctgcaggat	ccctcgattc	gctaacaagc	60
gattctaaac	cacctatgag	tatttctttt	agggtcact	taaatacatg	tttgtatata	120
ctgtattcta	gccagaataa	ttttagatct	gatcaggtag	tagctaaaat	tagaaaaaaa	180
caaaatagat	gcttaaagaa	tttgcattca	tttttgagtc	taaatctttt	aaaatatact	240
gagatccaca	tctagtgaag	tgctcagtg	aaaatattat	agattatagc	taaaatccag	300
attaatactc	atttggggtt	ttttatagtg	gaacttcata	gtaatacaaa	aagcagattg	360
tcttcctgtc	tccgctgtc	ccacagtagg	tattgaaact	ggtaaaatca	gttttttgat	420
agtgtgtgta	tataagaaaa	aatagatata	cacattcttt	tttctcagtc	aacacattga	480
ttgaacactc	tggcaaagat	gctgtggtgg	atgaggttgg	agttcgaaag	aagaagcaag	540
cgctggcctg	ccttgaaaga	accgaagtct	ttccattca	cttctctaga	aagctgccaa	600
ggacagaggc	agaaaagaatg	gatgaaantt	ctgtcaagca	cacttctggt	ctcttaaaac	660
ttagaagtgg	ttctaanaga	acagaagtat	tagagaaaca	gttctgtggt	aatcacatct	720
ttgggtggna	cccattgctt	tttttctggt	tga			753

<210> 4299

<211> 753

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(753)

<223> n = A,T,C or G

<400> 4299

ntnctgtttn	ntanaacntt	gntcttttnan	tctgcaggat	ccctcgattc	gctaacaagc	60
gattctaaac	cacctatgag	tatttctttt	agggtcact	taaatacatg	tttgtatata	120
ctgtattcta	gccagaataa	ttttagatct	gatcaggtag	tagctaaaat	tagaaaaaaa	180
caaaatagat	gcttaaagaa	tttgcattca	tttttgagtc	taaatctttt	aaaatatact	240
gagatccaca	tctagtgaag	tgctcagtg	aaaatattat	agattatagc	taaaatccag	300
attaatactc	atttggggtt	ttttatagtg	gaacttcata	gtaatacaaa	aagcagattg	360
tcttcctgtc	tccgctgtc	ccacagtagg	tattgaaact	ggtaaaatca	gttttttgat	420
agtgtgtgta	tataagaaaa	aatagatata	cacattcttt	tttctcagtc	aacacattga	480
ttgaacactc	tggcaaagat	gctgtggtgg	atgaggttgg	agttcgaaag	aagaagcaag	540
cgctggcctg	ccttgaaaga	accgaagtct	ttccattca	cttctctaga	aagctgccaa	600
ggacagaggc	agaaaagaatg	gatgaaantt	ctgtcaagca	cacttctggt	ctcttaaaac	660

ttagaagtgg	ttctaanaga	acagaagtat	tagagaaaca	gttctgtgg	aatcacatct	720
ttgggtggna	cccattgctt	tttttctggt	tga			753

<210> 4300
 <211> 850
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(850)
 <223> n = A,T,C or G

<400> 4300						
gctnntgacc	annntanngn	tnggaatcnc	antcgctnna	tngcnctng	attcgaattc	60
ggcacntggn	gtctnnctgn	tctgtgttgg	caagggttag	ttnccaagtg	agcaagatng	120
ttccctncta	acaggctccg	acgggtgaac	agtntgngtg	ntatccatac	ncaggcacat	180
gccatcggtc	tacagcangg	tcctcaactg	gtgcctgctg	gccctggggg	angaggcaaa	240
gctgtggctc	ccagcaaagc	agancaaaaa	gagttcgccc	atggatcgaa	cantgacnag	300
tatcngcnac	gccgagagag	gaacatcatg	gctgngaaaa	agagccggtt	gaaaagcaag	360
cangaaagct	caagacacac	tgcaagagtc	aatcagctca	naagaagata	atgaacggtt	420
ggaagcaaaa	atcaaattgc	ntgaccaagg	aattaaatgt	nctcaaanga	tttgnttctt	480
gagcatgcac	acaatcttgc	agacaacgtn	cagtccatta	ncacttgaaa	aatttcgaca	540
agcagatggg	ngncaatggc	acggaccant	tgacccttaa	ccccctttcc	aagactttta	600
naagcttgna	ggctttggaa	tggtctaaaa	ggtggtggac	cccccggnaa	cctcnntcat	660
tgtcancngg	gcntnaaaaa	ntttggccca	ttntcccnt	tgaacttcan	nagnacccca	720
tttggttaggc	ctatttttcc	tggggganmn	aaatccctnc	aataantnt	nnnttnnncn	780
ttaaaanngn	ttnnccnttn	ngnattccgn	attatccngg	gnttttaaaa	nggatnanan	840
ggntttttct						850

<210> 4301
 <211> 790
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(790)
 <223> n = A,T,C or G

<400> 4301						
cnatcatctt	tgnttctata	ctcagcttgc	ntgtanagna	ngtccgggtt	accgnnncnc	60
anngtaccct	atanngantn	gtantacaaa	gagactnann	gcnnntnaaa	ggccgcgtta	120
ctacananna	cnnantngtn	acncnctngn	atcaccnanc	ttaatctcct	tgtnancacat	180
ncctnctttt	gccagctngc	ntgatngcga	agaggncctt	accnatecgn	cttncaaaca	240
gatgnggcaa	actgaatggc	aaatggacnc	gccctgaacc	cncgcatnaa	gcgctgttgc	300
tgtgcagggt	accgcncag	tnaccanta	cacttnccan	cgccctagcn	ccctttcctt	360
cctttctttt	tcnttacgta	cncnmatnt	gcgnnggatn	ntnnnantaa	gctntnaatt	420
ttaggcttcc	natacngtnc	ntaantagng	ctttaccgca	cntngatcnn	tnaaaantng	480
mntanggtna	ngggtcanat	accgtgccat	acccttgtag	accnttnntt	ncnttgaac	540
gtngaagtan	atcgttcntt	aataatncac	tcttggancc	aaactggaac	cananctcga	600
cccaatctnc	ngntatntn	ttnggattha	taaagnatt	antgcccttt	gtnnnaacta	660
ttggggcttg	anatntgncc	aanattttta	cgatgaaatt	ttaaaccgcy	aaattttaac	720
ncaaaaaatt	ttaccgcttt	ancaatgtta	tttggaatgc	ctntaaaccc	cctttntann	780
tcnctcccc						790

<210> 4302
 <211> 775
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(775)
 <223> n = A,T,C or G

<400> 4302
 catatatctt tgattccntt naacccttnc naactacttg ttctttttgc aggatcccat 60
 cgattcgaat tcggcacgag ccaacgatct gtatcaacca cgtcttcatt ttccttttcc 120
 tgtttgnctt actctcccc caaaaagagt cagtttcttg ttttctcaat ttctcagttt 180
 aaaatttagag ccctatggca ggtgccatgt acagctgcaa aggtggcaag aagccctgag 240
 aaagctcaag aacaggtcaa gggggtgggt aaggaagatg ggacgttcaa gcagaaacaa 300
 aaagaggagc taaaagtga agccaccccg ccaccagccc tcaccagtca caggtggaat 360
 taaagaaatc tggcaaaaa taaattttgt tatccgtgct tggggcgggtg acccttgacc 420
 ccattcctat ttaaaccatct ggattctctg ccataacatc ttttgccacc tatagctaca 480
 ataaagtgtc gtcttggagt ctgttgatca tttacaata aactttttgt naggaaagta 540
 aaaaanantc tacagttcaa tgcaggatan ggatgggtgg gccttaattc aggaggtggg 600
 aggtcaaaa tcaattactc tgtttganga gatggaatct nctggaatct caaaaangga 660
 ttttctttta ngaatcatca agactcatcc cgacttcgtc aagtcttttc tcttggtggg 720
 agttatggtt ttggnnttta attttngttt tgggtttttt ttttgggggg ggnaa 775

<210> 4303
 <211> 940
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(940)
 <223> n = A,T,C or G

<400> 4303
 gtttcataca agctaactng gtttttttta aaagccccgt ttccccaatc ggnatttgng 60
 gtgcnaactgc ggggagggag ancccntacc ngangnacc naattgcggg ccacgggagg 120
 gcgtanacac ttttnacnng gtanattgcc ggagnngng nttttancca nattttantt 180
 nntgggcncc ccgngtgcctc tggtcagncc tttaagtgtg tnaanangca cngcctanc 240
 ccctaantta aaatncccca gnanaanact nttgcgcnat naacatcact gannggtgtt 300
 tctnatagta tgntntacac ctatnacant ttccctcaat antnattacc tgtagnngcaa 360
 gtggncanac ttnanngcag agtnaactnc angnggttcc tnaatnggnn natntcggac 420
 ngctngtan anttgacaac gnaaatatat gacgcnatn ggaaaatnat tgtngntatg 480
 caaggcnttg cggngtccan cntantnctn atgttgaaaa tneganttat aactnntatg 540
 angctgcttg tttnatttga naancnttcc ctaanntctt tganncgchn attaaanann 600
 tngttnttga natnganagc ntaacaccgg ctacaanac tagnttgnac tnaatgntga 660
 aaactccgaa cctctgngaa attcatgttt nattttgatg aacngggcct ccaatntnnt 720
 attcggnntt ntannnggac gnnacctgtt gatannngct ttttcttttn cntntnann 780
 aanaatnaac ctanntaact caaangcnct anttgatctc antaaaannc ngantgnaan 840
 tncncattga ntttnaaagc gggntttant ttaaaaanaac ntcccttttg ggnctgtggg 900
 tngttgncna cncnanangg tgnaaaattt ttttttncg 940

<210> 4304
 <211> 881
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(881)
 <223> n = A,T,C or G

<400> 4304
 annnnnnnnn nnnnnngnnn nnnnnngggg nnnngggnnn gnnnnnnann nngggnnnnn 60
 nnggggnnnn nnnnnngggn nnggngncng atangnagac ccgttnatac aacgaccac 120

ggancggann	cggcacgaga	agcngcnagg	gccaggngnn	aannnnanag	gnnnagnngg	180
acncngnnan	gaaaaganag	gnnaggggng	ggcgacaggn	nganacagnc	nnagaaaaag	240
caggannnag	caaagnangg	gaaagcnagc	gggcangcnc	gcnaaccngg	ggaacgnccc	300
cnnaaacacn	nncnaaacnc	gngagccncc	nnnaacgaag	gaggaggagg	agcaaaccnn	360
nnccngggac	gganncagna	agagggccag	cgccccangga	naancacaag	nanganagcn	420
ggaacnngcn	caaanacngc	agcaaagnca	gcanaganac	gcaaaggnac	aaagannnng	480
agccaggcan	nagncnagac	acagnaaggg	aacagacaga	naggcanncg	aggccnggaa	540
ggagcgnaca	anccgngngg	nnnnaaaagcn	aaangnanna	aacangagcc	anncnagagg	600
angacagcca	gnannaaaaca	naaaggccgc	acgnacacag	cagcgngngcn	aagcggggagg	660
agccnaaaan	aacanangna	cggngggccc	ggcnacagng	gccacgncnn	cggggggnccn	720
ggcncccaag	gggagggccn	aagggggngg	gnnngaacnn	cccnggggga	cnanaagngg	780
ggncncncca	gnccgggggn	aacccggngg	ggaaacccca	nccncggagn	gnaaaaaggg	840
cccaaaaanng	cccagnagga	aangnngcng	gggcaaaacn	g		881

<210> 4305

<211> 891

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(891)

<223> n = A,T,C or G

<400> 4305

annatccttc	tgangttngt	ctngctcttt	ctgcaggatc	cctcgattcg	tnagtgtctg	60
nntgncagg	ccctcaaaga	ttcctnggnc	ttttcccatg	tgnttgaaga	agaantcnat	120
ngncnntcat	tgaatcaaac	tggaaaacct	gctggcntgc	tgetgacgac	tctgnggcta	180
ncaaggtnt	anactcnnaa	aacatgangg	tngtagnanc	ctcnncgaga	catnccaata	240
tctgtcctc	agtggctttg	cnngctcaga	ggcctcanag	cctgtctgtc	tgtggacctg	300
gatatgcagg	tgatgtctng	gactcttcaa	aaagcccnac	cactctgnga	ttacgaatnt	360
acangacaga	tganaacaga	acatgatgna	aagcccacca	tnaccnntan	agcncttaaa	420
ccctgnccta	gnncattcna	tcnanggggn	ttcntntngc	tatattggta	gttgcnnggc	480
ngacnatggt	aaanggaacna	atnattcggg	tgatgggact	gnantgtgan	cnggnnctng	540
naattanggg	gccanncttc	taggggngtc	ccnnncntg	cctntcnmtc	canaaatgcn	600
tanacgctgc	ttntacctgg	gaagngnatg	gatgngnaaa	gaaacnccnt	nnnttgngn	660
ctttgccaca	cnncnngggn	aaacttttga	gncannaaaa	naccnncnta	taaccanntt	720
tnccntccnc	taaaaaacttg	ttacnncnaa	cntatnggca	ataggnaaaa	acccctttac	780
agggnacccn	aaaacctttg	gcaacnccan	aanntntgnc	gttnggggaa	aaaantacct	840
ttggcccngt	ttttttacag	nttngacnca	aaaantttaa	agggaaancc	c	891

<210> 4306

<211> 770

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(770)

<223> n = A,T,C or G

<400> 4306

ntcnnccttt	aancccntat	ccttctcnaa	acctttggaa	cgcncnctnt	ctncaggaan	60
cctcgctnna	gatnctcacc	tcttnnnggt	ctngnntngt	ctgcctacat	tcccacagca	120
gacaagggtt	anaatccatn	gctgnaatct	tggtattgat	gagttncagt	gatggaacat	180
gtgcttggcc	acaggcaggt	ccagtcactg	caaaagtgc	caanccanca	ggtcaccctt	240
aacttcagaa	acaattattg	gtggtgaact	gtacttaa	atgcagagaaa	cctgtaagta	300
atggaaggtn	anaaaaaatt	acanaatgga	aaatnatatt	ttgggcaagc	aaacanattc	360
actgagaatt	ccaaaagtat	attaaaaaag	aagatagcta	tgagttcaga	tctatcttat	420
tggtctttta	tattacaacc	aatccttaac	tttccactat	aaangaagga	ttactanatt	480
gattactttc	tgggtagata	atctggtaat	aaatgatagg	gaaatcaaaa	attactttta	540

tttaggagtt	ngaattctta	ctctcatcag	acattttttt	tctangggac	ncttactaat	600
taaataaatt	taaagttggt	ccttangng	tcntngccc	ntantatatt	tatnactgng	660
ttaatganta	ntggaattnt	gccggaanga	cagnttcang	aagaggaant	cncgaancct	720
gataatctat	gggttagaaa	gcntccctgn	atataaaaa	tgccanttt		770

<210> 4307

<211> 732

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(732)

<223> n = A,T,C or G

<400> 4307

ggngggnttt	ttnatatana	cangctactt	gttctttttg	caggatccca	tcgattcgaa	60
ttcggcacga	gggccctcat	ctccagctaa	ctgtggagaa	gcccctggg	gctccctgat	120
taatggaggc	ttagctttct	ggatggcatc	tagccagagg	ctggagacag	gtgtgcccct	180
ggtggtcaca	ggctgtgcct	tggtttctg	agccacctt	actctgctct	atgccaggct	240
gtgctagcaa	cacccaaagg	tggcctgcg	ggagccatca	cctaggactg	actcggcagt	300
gtgcagtgg	gcattgcactg	tctcagccaa	cccgcctccac	taccggcgag	ggtacacatt	360
cgcaccccta	cttnacagag	gaagaaacct	ggaaccagag	ggggcggtgcc	tgccaagctc	420
acacagcang	aactgagcca	gaaacgcaga	ttgggctggc	tctgaagcca	agcctcttct	480
tacttcaccc	ggctgggctc	ctcattttta	cgggtaacag	tgaagcttgg	gaaggggaac	540
acagaccang	aaagctcggt	gagtgatggc	aagaacgatg	cctgcaggca	ttggaacttt	600
ttcgttatc	accaggcct	gattcactgg	cctggccgga	anatcttcta	aggcatggct	660
gggggaaaag	ggccaacaaa	ctgtccttct	ttgagcacca	anccnnaccc	aancaagcag	720
acnttttttt	tt					732

<210> 4308

<211> 719

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(719)

<223> n = A,T,C or G

<400> 4308

gnccagctc	ttgttctttt	tgcaggatcc	ctcgattcgc	tgtattcaaa	cttatgagag	60
tataaaggat	ctggaggttg	gggatatgac	tgacaaggaa	aggctgtggc	cacctgatga	120
ccctttccct	ttttattaaa	cggacacac	ctgtttccca	tttcgctgta	gtttagtttt	180
tggtttggtg	tggttggaac	tgccttgaga	atcctgggat	ttgtgctgct	gctgttatct	240
aaagatcaaa	ggagtaaaac	atagttgctc	ctaacttttt	tccagcagca	gcaagtggta	300
ataaacatga	aaactgggtt	gtagcagttt	tgaagaata	gaatgcattc	aaatgtaagg	360
ctgcttctgg	atcattaaag	ccagtttcat	caaacagttc	aacagagagc	agcacttaat	420
accctttata	cagcccat	tttcatagtt	tcatgtgttc	ttgcccacaa	gcttgaaatc	480
cagggttaagg	tatccagcct	ttatcatata	agcattgaca	ttatccaggc	ctagtcagta	540
gcagtagggg	aacgggattg	aaaaagattt	gatggagagg	aaagtatcta	atattagtca	600
tgggtttgac	ctaaattgct	agacagtcgt	gccattcaca	aagtcagaaa	atncagcagg	660
aagagacgct	tttananggg	cagagaatta	gaggatggtg	gtagtaatga	aaatgatgc	719

<210> 4309

<211> 760

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(760)
 <223> n = A,T,C or G

<400> 4309
 ggggttnannt tcnaannngct gggctangcg ctttctgcag gancccatcg atncgttcgg 60
 cacgaggtga cagagagcag ttgaaatggt tttttagttc ctatggaaaa gttgaagggg 120
 tttggtctaa ggaccagnca cagtgaaga atgcatctga gaatgatgag cgcttatcta 180
 accccagat tgagtggcag aatagcaca ttgacagtga ggatggggaa cagtttgaca 240
 acatgactga tggagtagct gagcccatgc atggcagctt agccggagtt aaactgagca 300
 gccaacaggc ctaagtgccg ggtnccttg cgttggtgac atgctgcagc ctggaactct 360
 gatatccagt gtgactgcaa agctgtcttc tcaactgtac tgccttgatga gtactgggtg 420
 gactgtgggg catgtggccg ctgcagatcc agtgggtatt nctaagncta tgacaggaca 480
 ggctganctt gcntcanaac cttctctgac agacacggga actaaatgtg aaaaaccaat 540
 aantcggaga ctcatgaatt cacacgagga aaagcagagg nttattnatc tgncttttca 600
 acatttnttt cctctgngaa angaanggtc anaggctttg naaaagtggg aaaactaatc 660
 acatgggaag tgtaagggcc ancatccaag ctaccaantc cttaaangngn caaancanac 720
 ctttngggaa aaacnaatt ttnnaagccc gggntnnnnn 760

<210> 4310
 <211> 809
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(809)
 <223> n = A,T,C or G

<400> 4310
 ttnnaatngt nncttccctt tcctaantgc ttggcgtttt tttccattta aaagtatttt 60
 atttttttcc agtcaaatga ctagttaaca agaaagagta aacttattaa acatgctcta 120
 attataaatc actgcattaa ggacaatgaa aataatcaat ttcggttata caatatatac 180
 agttgtgctg caaccaaaagt aatcagggtga atgaactgaa tatcatacat ctcaaaatag 240
 catcctaagc tgcatattat gttatccacc ccttaacaga tcacacagtt actcttagtc 300
 tgtgtacatg ttctgagcca tcatcccaga tctgatggag aatggcatgc aaaatgccag 360
 aatcctgcag ctgcagttca tgaaacataa actttaaata taaatagata tctacaatgt 420
 ttttctttct cttagtgtct tttttaattt gcaaggagca aataactaag aaaggatatt 480
 agcagggtcg ttaatataat tctcctctgg taagagtact attagtact gcacaatagc 540
 acccaaattg gtagactgga aaaatattcc tanggtattt atgtcccagt ggaacctgac 600
 cggattaagt tttggggact gggagttcta aatgggttga tattgaaatc aacctttaat 660
 tcccttaata ntaagcctng gcaacccaag gtnggggtcca aaaagggcnt ggacctatta 720
 aaaaattcca ggattgncca gggaagggat ttgggttaaa aaaattggan ccnttaaggt 780
 ggccaccttg gtggccaaaa aattnccat 809

<210> 4311
 <211> 865
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(865)
 <223> n = A,T,C or G

<400> 4311
 ggaaannttt tcctaanacc tggacaagaa ncagnaataa cgngnctnng aaacttcctc 60
 ttncncncag canncnaca ttgggnctgg gcacgaggtt agagtaagta anagatntng 120
 ccatattttg cacttaaanc caagaaagag agtcancaaa tatttatacc attctctcat 180
 taagtgcacac tggttccata aatttaaaga cagcgggtca cccatatcta tggnnntgca 240
 ttncatgggt tcagttacca cagtcagcct ctgtctgaaa atattacaat ggaaaattcc 300
 agaaataaac aattcataag ntttaagttg catgccgatc tgagnagcct gaatgaaaat 360

cttacancat	ccccctncaa	ncaggetagg	ncatgacatn	ancccttgt	ccagccataa	420
tccaacactg	gttatggcta	cccacccan	taggnaacat	antagccaaa	cnngggatt	480
caganccgan	cnngncttg	gnaanccata	anatgnctcg	gagnnccaag	ggnacccctn	540
aaannntacc	cttaaaatag	ngganccccc	aaaatggcca	nngaaatggg	ccaaaanngg	600
gaaanaaacc	gggcccnaa	ncnaacaaan	tannngntaa	cgggnncatn	aaagnccccc	660
tnnaccagng	gcccacaaa	nactgnaant	aaaaatccca	ntnaaaaggg	cnaataaat	720
tnnanggnaa	aaaaacnagg	gngggaccnn	agggncaggg	gcccacaaa	nggggnctna	780
canaaacann	cnngggangcn	ntaaaaanct	atnancccg	gggnaaaagg	ngngaanc	840
cggaannnc	aaaanntncc	cttgg				865

<210> 4312

<211> 940

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(940)

<223> n = A,T,C or G

<400> 4312

ttenctttcc	cnctcctng	gaaacccttc	ctttccta	gttcctaatt	cctcnnnnc	60
tcnctctcnc	tctttctctg	cgggtcnggg	nnngtgnnc	tnttgcttt	ttctcccgnt	120
tttnncnctn	gcenctacnt	nnccngntga	ggnagnccac	ctgaggagac	cgtgntnnc	180
nnccannccg	ctngntgntt	cntgnccggn	tggtcanc	ccancgctg	ntccccctn	240
nngtgncgcc	nnnggntcng	tngatccnc	gatngcctt	anggetata	cgaatgnnc	300
tgccttcgcg	accnncat	tnannccgn	gcctctgctc	cctcctnacc	tnctgcngac	360
tgnetgcacc	tcctgcctc	tnngcnc	nnntgcgcn	ggctcccacc	ccnngntgnt	420
tgccgntgct	tnenctgtn	tcnnggaacg	gcntgnnc	cttnccccc	gnntcncgc	480
tctggccnc	ctnccctt	gnetgnttc	nnccctcnc	tnntngnnn	ctnnccccc	540
tcnnnctcc	nnnccctcnc	nnntccccc	nnncctccc	nnctnnnn	ctcncnnntc	600
cnnccccc	cnncncnc	nncccttnc	tcnctnctc	tcnnccccc	tcnncctnc	660
centnctcc	cnctctcnc	nnncnncnc	nnnnnnnc	nnccnncnc	tcnncnnc	720
ctcnnncn	nnctnctc	nnnnncnnt	nttnncnnc	ntnnntcnn	cnccccnc	780
ntnncnnnc	nnctnnnc	ctcncnctc	tnntcncnc	nnctctcnc	cnnnnnnct	840
cnncctct	nnntcnc	ctnccnc	nnccccc	nnnnnnnt	cnnnncnc	900
cncccnnc	nnntcnc	tcnncnnc	nttnntnc			940

<210> 4313

<211> 1051

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1051)

<223> n = A,T,C or G

<400> 4313

cannccncc	nnaacnnna	tntcatcn	ncacnanna	anccnnta	cnaanatnct	60
ncgnacaacn	agngannnct	tcccccctt	nnaaccgcc	cttatgcnga	acccacgatt	120
cgaattcggc	acgagcccat	cgtgcgtgc	cccacggtc	ggtaccacac	gaaggtgcgc	180
gccggccg	gcttcagcct	ggaggagctc	agggcgccg	gcattcaca	gaaggtggcc	240
cggaccatcg	gcatttctgc	ggatcccnag	gaggcggaac	aagtccacg	agtcctgca	300
ngccaacgtg	cancggctga	aggagtaccg	ctccaaaact	cannctnatc	ccnaggaaa	360
gccatcggac	cccaagaagg	ggagacagtt	ctcgtgnan	aacnggaaac	ttggacacca	420
anctnaccn	naccggcaat	nnccnccg	gaaantctna	aancgaaann	ancaacgnnc	480
atacacaac	acnnannan	cnngnncana	nnccnncn	cnnatnntn	naacntcnc	540
antctnncn	ntnccnctc	naccnanc	tannntnna	ntnctatcac	anannnagnc	600
cnnnntcaa	caannaccn	nancannna	anncnant	cnnnntanc	atncannntn	660
cntcaacat	nacatannan	tanntccna	nnnctaant	anngcncac	nnccatctac	720

nentntntn	aantgcctan	aaancacnnc	cncncaacta	anntcnacat	anacgcanna	780
nataatcga	acaaancata	acgncacnna	naananattn	cnngngnaac	tacctannat	840
antanaaaca	ccnannacca	accanactcg	nccacnngcn	ctcncctnenn	nnngcgntcn	900
cncacacgtc	ngcnanccac	tntcttnccn	ncccnncgct	natcncccgc	tccatnatan	960
naccacaacn	nnntcataac	annntcgccn	anancgacac	ctnatctcgn	cncgnganag	1020
annactctaa	gncacanata	tntgttnacc	c			1051

<210> 4314

<211> 755

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(755)

<223> n = A,T,C or G

<400> 4314

gatgctggnt	ncnnatgctt	gnngatccct	cgattcgaat	tcggcacgag	gaaatgtgta	60
tttcagtgc	aatttcgtgg	tctttttaga	ggtatatcc	aaaatttcct	tgtattttta	120
ggttatgcaa	ctaataaaaa	ctaccttaca	ttaatttaatt	acagttttct	acacatggta	180
atacaggata	tgctactgat	ttaggaagtt	tttaagttca	tggtattctc	ttgattccaa	240
caaagtttga	ttttctcttg	tattacattt	tttatttttc	aaattggatg	ataattttctt	300
ggaaacattt	tttatgtttt	agtaaacagt	atttttttgn	tgtttcaaac	tgaagtttac	360
tgagagatcc	atcaaattga	acaatctggt	gtaatttaaa	attttggcca	cttttttcag	420
attttacatc	attcttgctg	aacttcaact	tgaaattgtn	ttttnttttc	tttttgatg	480
tgaaggtgaa	cattctctgat	ttttgctgat	gtgaaaaagc	cttggtattt	tacattttga	540
aaattcaaag	aagcttaata	taaaaggttg	cattctctca	ggaaaaagcc	atcttcttgn	600
atatgtcnta	aatgtatttt	tgncctcata	taccggaaag	ttcttaattg	gattttacca	660
gctgnaatgc	tttganggtt	ttaaaaataa	taacattttt	aataattttt	taaaaggaca	720
aactttcata	atnatcccgg	ngntcctttn	ccnnn			755

<210> 4315

<211> 811

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(811)

<223> n = A,T,C or G

<400> 4315

tnnnaatcnc	nnnaagcctt	tgtnnaaccc	ctttgctact	ngcncctttt	gcaggatccc	60
atcgcttcna	attcggcacg	aggttatncc	agtatctgnc	ancagaatgg	cattgtgccc	120
atcgtaggagc	ctgagatcct	ccctgatggg	gaccatgact	tgaagcgctg	ncagtatgtg	180
accgataaag	gtgctggctg	ctgtctacan	ggctctgagt	gaccaccaca	tctacctgna	240
aggcaccttg	ctgaagccca	acatggtnac	cccaggccat	gcttgcactc	anaagttttc	300
tcatgangag	attgccatgg	cgaccgtcac	ancgctgcnc	cgcacagnyc	cccccgctgt	360
cactgggatc	accttctgt	ctggaggcca	nactgacgag	gangcttaca	tcaacctaaa	420
tgccattaac	aagtgcccn	tgctgaancc	ntgnccctg	accttcttct	actgncgagc	480
nctgcangcc	tctgcnctga	acgctgngg	cggnaataag	gagaacctga	agctgctcac	540
gaagaatntg	tcaagcgaac	cctgncnaac	agcctgctc	ggcaaggaaa	gtncacttnc	600
gagccgggta	ggctagggct	tgctgcaacc	gaagtcctc	ctttggtntt	ctaaccatcg	660
ccttttttaa	nnccgaagg	tgtttcccca	aggattgccc	cccaanaact	tnnaagncc	720
ttggccccaa	tttccnantt	tttgaanaa	ggaggnccg	ccntncttta	nngggcttcc	780
aaaccttggg	cttaganccc	nggctttttt	t			811

<210> 4316

<211> 942

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(942)

<223> n = A,T,C or G

<400> 4316

gnagcgtnnn	cctttggaac	ccnttgctac	ttgctctttt	tgcagggatc	ccatcgattc	60
gaatnccggc	cgngnctggn	cntaggcgtn	gnnnatncca	aggccatatn	acatnngatn	120
ntncanaaga	gncatataat	cnagnnngta	aattcacatt	gtgctgctca	catggatnga	180
acatacaa	tgatggttat	aaacctggat	gtcaccatg	actccaaagn	nctnggtgnt	240
aaccatggnt	atagnngnag	ntcnnannng	actnnatatg	gataccgagg	ctctccagaa	300
caagctccan	gaantgatca	ctgngctanc	ngnggctatg	acagctgtaa	ngcncgaaca	360
ggaatacntg	gaagtcggg	tnanaataca	ctnagccatc	ancgactgca	catacagcat	420
agtggtnctt	gtggtccttc	ttngaattctc	tngttctagn	caccatgaca	ttgngacaga	480
tntactactt	gaagagattt	tttnnaagtcc	ccagagntgc	ttaganaaaag	tcnactnctg	540
angatccnac	ctnaagaatt	naatgtnnac	caaacaccnt	gntcntaata	atggmccata	600
gttttctcgc	atgntttatg	gttctnngac	ttgtaccatt	tcacatcgta	atgggtgnnca	660
nttngagaat	taatcncatt	aattgggggn	gggaaanaac	ggcctttttt	anggcnaaat	720
tnaattaggc	cnaaaaattt	ttcccagttt	aatttgggnc	nttaaaccct	tngtntttna	780
aancttgnc	tnccatttnt	ggtanagtcc	cntntcaaaa	tactttanac	cctctttntt	840
caanttnnan	natttttnngn	anttancnnc	atnccaanca	attnnttnnc	nttncnntt	900
nacnnttttc	ccntggantt	ntcctgcacn	tcancntnch	ct		942

<210> 4317

<211> 891

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(891)

<223> n = A,T,C or G

<400> 4317

annatccttc	tgangttngt	ctngctcttt	ctgcaggatc	cctcgattcg	tnagtgtctg	60
nntgncagg	ccctcaaaga	ttcctnggnc	ttttcccatg	tgnttgaaga	agaantcna	120
ngncntcat	tgaatcaa	tggaacac	gctggcntgc	tgctgacgac	tctgnggcta	180
ncaaggtnct	anactcnna	aacatgang	tngtanaganc	ctcncgaga	catnccaata	240
tctgtctctc	agtggctttg	cnngctcaga	ggcctcanag	cctgctgtca	tgtggacctg	300
gatatgcagg	tgatgctgng	gactcttcaa	aaagcccnac	cactctgnga	ttacgaatnt	360
acangacaga	tganaacaga	acatgatgna	aagcccacca	tnaccnntan	agcnccttaa	420
ccctgnccta	gncattcna	tcnanggggn	ttcntntngc	tatatggta	gttgcnngc	480
ngacnatggt	aaanggacna	atnattcggg	tgatgggact	gnantgtgan	cnggnnctng	540
naattanggg	gccanncttc	tagggngtc	ccnncnctg	cctntcnntc	canaaatgcn	600
tanacgctgc	ttntacctg	gaagnnatg	gatgngnaaa	gaaacnccnt	nnnttgngn	660
ctttgccaca	cnncnnggn	aaacttttga	gncannaaaa	naccnctnta	taaccanntt	720
tnccntccnc	taaaaacttg	ttacncncaa	cntatnggca	ataggnaaaa	acccctttac	780
agggnacn	aaaacctttg	gcaacnccan	aanntntgnc	gttnggggaa	aaaantacct	840
ttggcccgnt	ttttttacag	nttngacnca	aaaantttta	agggaancc	c	891

<210> 4318

<211> 770

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(770)

<223> n = A,T,C or G

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<400> 4318
ntcnnnctttt aancncntat ccttctcnaa accttttgaa cgcncncntnt ctncaggaan      60
cctcgctnna gatnctcacc tcttnnnngt ctngnntngt ctgcctacat tcccacagca      120
gacaagggttg anaatccatn gctgnaatct tgggtattgat gagttncagt gatggaacat      180
gtgcttgccc acaggcaggt ccagtcagtg caaaagtgac caanccanca ggtcaccctt      240
aacttcagaa acaattattg gtggtgaact gtacttaaatt tgcagagaaa cctgtaagta      300
atggaaggtn aanaaaaaatt acanaatgga aaatnatatt ttgggcaagc aaacanattc      360
actgagaatt ccaaaaagtat attaaaaaag aagatagcta tgagttcaga tctatcttat      420
tgggtctttaa tattacaacc aatccttaac tttccactat aaangaagga ttactanatt      480
gattactttc tgggtagata atctggtaat aaatgatagg gaaatcaaaa attactttta      540
tttaggagtt ngaattctta ctctcatcag acattttttt tctangggac ncttactaat      600
taaatagaatt taaagttggt ccttangngn tcnttngccc ntantatatt tatnactgng      660
ttaatganta ntggaattnt gccggaanga cagnttcang aagaggaant cncgaancct      720
gataatctat ggggttagaaa gcntccctgn atatacnaaaa ttgccanttt      770

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<210> 4319
<211> 765
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(765)
<223> n = A,T,C or G

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<400> 4319
tgttttaaatn ctngtcaaat ccttggtctac tcgntctttt ngnanncgna ttcnngnccg      60
ntcccacnnaa ttcgctgggg tgggcagttt tttgaaaatg ggctcaacca gaaaagccca      120
agttcatgca gctgtggcag agttacagtt ctgtggtttc atgttagtta ccttatagtt      180
actgtgtaat tagtgccact taatgtatgt taccaaaaat aaatatatct accccagact      240
agatgtagta ttttttgat aattggattt cctaatactg tcatcctcaa agaaagtgt      300
ttggtttttt aaaaaagaaa gtgtatttgg aaataaagtc agatggaaaa ttcatTTTTT      360
aaattcccgt tttgtcactt tttctgataa aagatggcca tattaccctt tttcggcccc      420
atgtatctca gtaccccatg gagctgggct aagtaaatag gaattggttt cagcctgag      480
gcaattagac actttggaag atggcataac ctgtctcacc tggacttaag cgtctggctc      540
taattcacag tgctcttttc tntcactgt atccagggtt ccttcagag gagccaccag      600
ttctcatggg tggcactcag tctctttctc tncagctgga cttaaacttt ttttctggac      660
cagttaattt ttncaactac taatngaata aaggcagttt ctaaaaaaaaa aaaaaaaaaa      720
ctcgaacctt tanactatat gagtcgttta cgtagatcng actga                          765

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<210> 4320
<211> 744
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(744)
<223> n = A,T,C or G

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<400> 4320
gtncnnntttt gaatncncat acaagctact tgttcttttt gcaggatccc atcgattcga      60
attcggcacg agcttatctg tacgagatnc attccnagac ccctagtgga tgcctgaaac      120
ctcagatngn actgaaccct ttatgaacta tgttttttca gtctgacaa ccaaggcggct      180
actaagtgac taaggggcag gtagtatata gtgtggataa gcaggacaaa ggggtgattc      240
acatcccagc ctngncaaca gagcaagact ctgtctcaaa aaaaaaaaaa aaagtctcan      300
taacctatgg gataatatac taacaaacag ctgtgtaact ggaatnccat aaagcantgg      360
tggacanagc agaaaaatat ttgaagaaat aaagactaaa attatgtcca ntttgatgaa      420
aattatnctc tgacagatct aagantttta gcaaacccta atcaagatag tctctctctc      480
cctctcacat gcacgcacac gcaccgaagt tnagccataa tcaaactact aaaaaccant      540

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aataaaaanga	ataatcttaa	aatgtngcca	gagaaaaaan	gacacgttac	aaacagaaga	600
acanggggtta	gaaaactgaa	actttcctta	naaactacat	acgcagaaga	caacaaattt	660
gcttaaattg	tgaaaaatcc	cctcacacta	gagagaggct	ttgggtgtag	catggctnag	720
taggtgcaca	agacgtgccc	tcct				744

<210> 4321
 <211> 772
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(772)
 <223> n = A,T,C or G

<400> 4321						
gnntgnngtn	taantttnta	aggatccctt	tntntgaanc	cctttctgca	ggatcccatc	60
gattcgaatt	cggcacgagg	caggagnaat	cacttgaacc	ctggagggttn	cggttgcagt	120
gagcacagat	catgccactg	cactccagcc	tgggcaacaa	aacgagactt	cgtctcaaaa	180
aaaaaaaaaca	tagaatttgg	atccttttgg	cggtttctcc	caaattcttt	tgagggtgtcc	240
atgggtcaact	gcttcagctt	tgttttggca	acccctgccc	cgaagtcgca	tataggctgt	300
tcttcacctt	gtttccaagg	ctgaggaaca	gaaagtagcc	tctgttttga	ggagggtggaa	360
gttaagtata	cattttatctt	ttactgtgac	ttgttcagga	ccacatttta	caaaatgcct	420
tgtttccctt	attgtttctg	gaaaggaaag	ttctattaat	attgntttac	tttgaatata	480
gaatagtttt	tttaattagg	gcttattttg	aaaaattctg	agtttaattc	aaatgtatgc	540
caataccttc	caaagtaagg	taatattcag	agacagttgt	tggtgatcag	atggcttaga	600
gaaaatttct	ggaatattca	cattcgaaga	tccttattat	gaatgtcttt	gacttaaadc	660
taaccaaaaa	ctgcacatta	ttctttgnac	attttcatta	tatagngtta	acaagcttan	720
ttgcaaacca	ataaataact	aagctattta	aaaaaaaaaa	aaaaaaactc	nc	772

<210> 4322
 <211> 749
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(749)
 <223> n = A,T,C or G

<400> 4322						
tnnctttnac	tntnntaatc	ctttntgang	cccttntgca	ggatcccatc	gattcgcgtc	60
tgtaatccca	gctgcttggg	aggctgaggc	angagaatca	cttgaaccct	ggagggtggc	120
gttgacgtga	gcacagatca	tgccactgca	ctccagcctg	ggcaacaaaa	cgagacttcg	180
tctcaaaaaa	aaaaaacata	naatttggat	cctttggtcn	ggttctccca	aattcttttg	240
aggtgtccat	ggtcaactgc	ttcagctttg	ntttggcaac	ccnctgcccg	aantcccata	300
taggtggnnc	ttcaccttgt	ttccaangct	gaggaacaga	aagtancctc	tgtttngagg	360
aggtggaant	taagtataca	tttatcctnt	actgcgactt	gntcangacc	acattttaca	420
aaatgcctng	tttccttcat	ngcttctgna	aaggaaagtn	ctattantat	ngtgttactn	480
agaatataga	ntactttttt	tnattntggc	ttatttttna	aaattctgag	tttaattcaa	540
atgntngcca	ataccttnca	aagtaaggta	atntcataga	cantngttgt	natcacatgg	600
cnttacanaa	antnctggat	attcacnttc	taaanattcc	ctattaaatg	aatgtctttg	660
acttaaatnt	accaaaactg	cncatattct	cgtacatttc	gtaaatngtg	nacaagctan	720
ttgcaaacaa	taaatacnta	actaaaana				749

<210> 4323
 <211> 773
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(773)
 <223> n = A,T,C or G

<400> 4323
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 tcgccagccc ctctctctcc cgccttctgg gaggaggagg tcacncgctg atgggcactg 120
 gagaggccag aagagactca naggagcggg ctgccttccg cctggggctc cctgtgacct 180
 ctcagtcccc tggcccggcc agccaccgtc cccagcacc aagcatgcaa ttgctgtcc 240
 ccccgggcca gcctccccc cttgatgttt gtgttttgtt tggggggata tttttcataa 300
 ttatttataaa gacaggccgg gcgcggtggc tcacgtctgt aatcccagca ctttgggagg 360
 ctgaggcggg cggatcacct gangttggga gttcaagacc agcctggcca acatggggaa 420
 accccgtctc tactaaaaat acaaaaaatt agcccgggtg tgggtggcgcg tgcctataat 480
 cccagctact cgggaggctg aggcaggaga atcgcttgaa cccgggagggt ggggggttgcg 540
 gtgagccaag atcgcaccat tgcacttcag cctgggcaac aagagcgaaa ctctgtctca 600
 aaataaatta aaaaataaaa gacagaagca aggggtgcct aaaatctaga cttgggggtcc 660
 acaccgggca ncgggggttg aaccaacaa cctggtaggc tncatttctt tccaagcccg 720
 aacagaagggt catgccggcc ccacangaaa ancnggcagg gccncggggg gct 773

<210> 4324
 <211> 916
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(916)
 <223> n = A,T,C or G

<400> 4324
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 acngacnagg agannctgnc ggnctgtgn tggaaactnn ntttggaccn cncttttncc 120
 ngtgcctgt gaactcagag cagggcnnnt ttggaccnac tcaaggccan tcatggcatg 180
 gctcatnctg gaggcacgna nnganactac attcncaggn gcccttcnaa acaatggacc 240
 ncnatgcngg catactgngc ctgcgaccn aaanacnna ngntgtact gaatatcaag 300
 atcnacttag antctaagag agnntggnc nnaactgat cancanggcc ttccangggg 360
 cancannag acactgcgag tnacagagac ngccatgggc gntgctnct tacnnagnn 420
 cacaggccnn accntcatgn aaccctaang ctgtncnnat gtactccgaa tggcctttna 480
 nncgnacngg cctctaagt atgcnncccg gtntcanatg nnnccgtaca atatctcang 540
 ggacatgggg antnatnnnc anccnnaacc tttanaaaaa ggcggcntta ccnttacnnn 600
 aaaaggatgg cttnnngcta atcaaaaanc ntgtaaaccc tnggcnatta taaacccaag 660
 acccgggaga aanctngggg taccnngtcc aattnaaact ggctnccnn tcntggtcnc 720
 ccaaccaag tnaaacctan ttngcagngg gttataccgg nanncnaatt ggntncaacc 780
 ccaacttngg gaaaataatt tttncnaaat gcntcnatcn aacctgnct ttttnanaaa 840
 aaccaggct ttttnctng gggaaacctn aancggggan ttggccttn caaaaccacn 900
 tnccncttta ggtnnn 916

<210> 4325
 <211> 757
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(757)
 <223> n = A,T,C or G

<400> 4325
 cnttnttna tgacccttgt tacttgcctt ttttgcagga tcccatcgat tcgaattcgg 60
 cacgaggga ccatgagaac cgaagctaga attgntattg aattacttta ttttctcttc 120
 ccttattggg tagagataca tcattactgg ctcagggggt ttacccaaag aaagggtatt 180

tttgagcaaa	taatgtgatt	tcttggctat	tttgttggg	gcttaagatt	tttttttttc	240
aaatgcattt	ttagtcacta	aaaattaact	gtcgtacat	ctagaactat	actgtccagt	300
accatagcct	ctagccgtat	gtagctat	gtattaagat	taattgaaat	tttaaatacca	360
gttcctcagt	cacactagcc	acttttctaag	tgctcagtag	ctctgtgtga	ccagcgggcta	420
ctgtattgga	tattatagaa	ggttctttca	ttcaagatca	tcattcttga	cagacccata	480
aatatttcct	ataaagactg	tagaagtgtg	ttctggaggg	tttgcctctcc	aaaaagaatt	540
gtaatataga	gtagaattgg	gatagagtat	tgaagacact	gggttttagac	attggatatt	600
ttaatgattg	tgtgtctaag	tcattgggtg	gncaactgag	ttatctagt	atatgacctc	660
actgtcttga	ccaaagccag	aatngaaggc	aggattcctg	aatctatctt	aaaattgcaa	720
tggaanagcc	ttttccctaa	attatccatt	tgtaatt			757

<210> 4326

<211> 758

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(758)

<223> n = A,T,C or G

<400> 4326

ntnnnttctn	aatccttggt	cncgcctttc	tgcaggatcc	catcgattcg	gagaggagca	60
ggtgcagtga	ttcataccca	ctctaaagct	gctgtgatgg	ccacccttct	ctttccagga	120
cgggagttta	aaattacaca	tcaagagatg	ataaaaaggaa	taaagaaatg	tacttccgga	180
gggtattata	gatatgatga	tatgttagtg	gtaccatta	ttgagaatac	acctgaggag	240
aaagacctca	aagatagaat	ggctcatgca	atgaatgaat	accagactc	ctgtgcagta	300
ctggtcagac	gtcatggagt	atatgtgtgg	ggggaaacat	gggagaaggc	caaaaccatg	360
tgtgagtgtt	atgactat	atgtgatatt	gccgtatcaa	tgaagaaagt	aggacttgat	420
ccttcacagc	ttccagttgg	agaaaatgga	attgnctaag	ccaaaagaaa	gtctaattat	480
atacagagat	aaagctaaac	gtaattatta	tttaaatagaa	agctat	ttaaatgaat	540
ngaaat	catgatgcta	ctaatttgn	actaaatctg	caaagtgtca	ccctgaattt	600
cttctgacat	tggtgntatt	tgcttatatt	ccttataatt	ttaaatgaag	gcacagtga	660
atgaaaat	tatactctat	gnntctggna	attntaaat	ccttaacagc	caaatt	720
gcctttaatt	cttttanata	tatactctcg	agaaatcn			758

<210> 4327

<211> 757

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(757)

<223> n = A,T,C or G

<400> 4327

ngtanantan	naacntgggt	ntcgctcttt	ctgcaggatc	cctcgattcg	aattcggcac	60
gagccaagga	gttttccacc	cgtctctcat	ggtcacagcg	ctagtcattc	at	120
agttgcttct	ttacatcag	aaaaccagtc	aatcatatgg	agacttcttt	tgtgatgaaa	180
aagggtctta	gaagttaa	acatgcatgc	acatgaaaac	atgcacaacc	acagcctcaa	240
tcttgtattt	agtttgggga	aagagaagag	aatttcctgt	ggattat	ttcctcaagt	300
gcacctctct	ggttaacc	aactctgcaa	gaaagcactg	tgactaaaac	atacataacg	360
cctgcataaa	tattccatgg	tttcagttaa	at	tttagccttta	cacatgaggt	420
caaaggagt	acgaaaatac	aaagcaagga	aaaaatgaaa	tatctgggtt	ttgctgaatg	480
cttaatttat	tttttactgt	gccactccaa	tatttatcaa	atccaaatag	catgaatgct	540
tctctgtagt	aatactaatt	ttgtgccttt	tgtctgcttt	cttaagacca	gttgttcaca	600
ctttgtagat	attaacaaat	atatttccga	ttggaataca	aaaaaaaaa	aaaaaaaaact	660
cgagcctnta	gactatagtg	agtcgtatta	ccgtgatccn	gaccatgata	agatccattg	720
atgagtttgg	acaaccacac	tngatgcagg	aaaaaat			757

<210> 4328
 <211> 757
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(757)
 <223> n = A,T,C or G

<400> 4328
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 gagccaagga gttttccacc cgtctctcat ggtcacagcg ctagtcatte atttttgaga 120
 agttgcttct tttacatcag aaaaccagtc aatcatatgg agacttcttt tgtgatgaaa 180
 aagggtctta gaagttaaat acatgcatgc acatgaaaac atgcacaacc acagcctcaa 240
 tcttgatatt agtttgggga aagagaagag aatttcctgt ggattatttt ttcctcaagt 300
 gcacctctct ggttaaccga aactctgcaa gaaagcactg tgactaaaac atacataacg 360
 cctgcataaa tattccatgg tttcagttta atttcagttt ttagccttta cacatgaggt 420
 caaaggagtg acgaaaatac aaagcaagga aaaaatgaaa tatctgggtt ttgctgaatg 480
 cttaatttat tttttactgt gccactccaa tatttatcaa atccaaatag catgaatgct 540
 tctctgtagt aataactaatt ttgtgccttt tgtctgcttt cttaagacca gttgttcaca 600
 cttttagatg atttaacaaat atatttccga ttggaataca aaaaaaaaaa aaaaaaaact 660
 cgagcctnta gactatagtg agtcgtatta ccgtgatccn gaccatgata agatccattg 720
 atgagtttgg acaaccacac tngatgcagg aaaaaat 757

<210> 4329
 <211> 746
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(746)
 <223> n = A,T,C or G

<400> 4329
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 agctcagctc ttcttgggtc tggctagact gcttagattc ccacagcaga caagggttgag 120
 aatccattgc tggaatcttg gtattgatga gttacagtga tggaacatgt gcttggccac 180
 aggcaggtcc agtcactgca aaagtgaaca agccagcagg tcacccttaa cttcagaaac 240
 aattattggt ggtgaactgt acttaaatg cagagaaacc tgtaagtaat ggaaggtaaa 300
 gaaaaattac agaattggaaa ataataattt gggcaagcaa acaaattcac tgagaattcc 360
 aaaaagtatat taataaagaa gatagctatg agttcagatc tatcttattg gtctttaata 420
 ttacaaccaa tccttaactt tccactataa aggaaggatt actagattga ttactttctg 480
 ggtagataat ctggttaata atgataggta aatcaaaaat tacttttatt taggagtttg 540
 aattcttact ctcatcagac attttttttc tagggacgct tactaattaa atgnatttaa 600
 gttgnttcta agggtttttt gcctatatat ttatgactgn gttaatgagt antgaaatga 660
 tgcggaaggc agcttcagga agaggaatnc agaacctgaa taatctatgg gttagaaaag 720
 cttcctgaat atcaaaattg gcngtt 746

<210> 4330
 <211> 967
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(967)
 <223> n = A,T,C or G

<400> 4330

nnnnnncann	annnnnnnna	ngnnnnncnna	ccannnncnnn	cnacnnagnng	nncccgtccc	60
aaagccggca	anncgccgcn	cngcnnnntc	aaacctgtca	ngcggcacnn	gnngnncccn	120
acgangcgcc	agcgcgcgng	anacngngct	gccaaagaaan	gnngncncan	agnccggcct	180
ngagaacagn	acagngganc	gtcanaagca	nggggangac	agacgacnga	ngaaacntag	240
agcccagggn	nagcnggacg	acggaccagn	tcccaaaggc	nggngcccaa	agcngacnag	300
ntnnaggaag	aaanacngng	gacacaaccg	gagacanccg	annaggagcn	gacnganntg	360
gaccanang	gcaagaagca	ccnaaacang	ncaccacca	nacgaccggg	gaaggcacga	420
acggtcngag	cacgagnaaa	acngaaacna	ancaacgcgc	acacannng	aganagaaac	480
accncnaaca	ancnaancgn	gggaanangn	agaccggacn	cagaagaang	gcncaagann	540
cggcannгаа	cccnaancn	gacggaannc	agggncggng	ccaacaagan	ggcnangacn	600
ggncaananna	nggccggcnn	ggaaaaacga	ccaagnngnn	cnccaaaaaa	gacanggcaa	660
aagnaacgg	gcaaagggca	ancncnaagg	nnaagccna	naacgcgcan	nnggagcaaa	720
angnnccaag	ngaggancna	aagangggga	aaggggccca	cnaagngggc	ggnaaanngg	780
cgaannnaaa	acanagggng	ggggccacng	gnaaacccaa	gcgcgaaann	ccnggcncna	840
agggccccga	aaacangggg	ngacaaaaac	ccnngccaaa	accnnanggg	ngggncccat	900
cgnannaca	naagngaac	cgnccaaggg	ggcanaaagg	aaaggccatn	nnaangnaaa	960
agagccg						967

<210> 4331

<211> 824

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(824)

<223> n = A,T,C or G

<400> 4331

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acgaggcnac	nggtgaagcn	nntggtgngt	gngctnctca	tgaagaanct	gtggcnggta	120
tgttcaaaga	canggnnat	atgcantaca	gatatataga	actcttcttg	aattnaccaa	180
cangggccgg	ntaatggggc	gnatgtcagn	caantgatnc	aactgcatgn	gggtgtctnn	240
tgcccaggnc	acttacagng	gnctggaaag	ccagtcann	caangngtgg	ncncagcgcn	300
ggnttcngtg	ggtnaaccag	gcacggngctg	gntatnacgt	aatcttagnn	aggaacaatt	360
tnagtnactn	tntctnctat	tcncnngnga	gncctcttnc	angttngtga	gcatttntca	420
ataagaaaga	agncgtgggn	acccatttng	cancattnan	ttcanggaaa	aatctngatt	480
taaaaaagtt	acctntgaac	tgtnnnntaa	ngcncnnttt	nnttgtagcn	tgtgataatn	540
gatgcgaact	tntactatnt	atcagcatgt	tctnannata	acnttttggg	tannatcngt	600
ttagnantga	ttcnttcatn	agcctaagaa	aacttaagnn	nnggcaaaat	gccggatcat	660
tgtcacaggc	acgttcacna	attnanccnc	ncctcggtgac	aacntttctt	gntttttngg	720
aaanaaattc	cacagggnct	agncctannca	tngnttcntn	ggaaatttan	ctntaatggt	780
ttcgggtanaa	ntcccgtttg	ngnggtttna	attaaaaaaa	nccg		824

<210> 4332

<211> 830

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(830)

<223> n = A,T,C or G

<400> 4332

gcttnanccc	tttccatttc	caatnntttg	gctctcncn	aaaccctttg	gancccntcg	60
attcgaatnc	ggcacgaggg	ctaacttgcc	ttgttnnact	atngatgttn	gngtcctggn	120
ttcttaacac	tttaagcagc	tgntctcacc	taaaggctaa	tagttntaag	taagtatctn	180
tttcttttta	taatttaaaa	attaaaaaat	ttttaattaa	ctgtttttta	attaaaaaaa	240
attattaatn	atttntaata	gacaggatct	ngctatgctg	nccaggctgg	tcttgaaactc	300
ctggtctcaa	gtgatcctcc	tgcttgggcc	tcccaaagtg	ctggtattac	aggtgtgagt	360

cactgcacct	ggccaagttn	natncttcag	gntacattnc	ttcagccact	tcaatcaaac	420
atnnaattaa	catgctataa	tgaatgacta	tncttaacta	ggctaaccac	atgaaggcct	480
ttggnaactt	acctntagtt	acanccttca	cttctttttt	tttgngaagg	gaaantnnng	540
ggnnccggaca	atactcctng	nantnaacta	tngtaacctt	ttncntngac	tngaattaac	600
nnngggaaatt	nggggaaant	aattgnagaa	ntgaacnngc	ttgaatcnaa	nannantcaa	660
tanaccntaa	tagncaantc	ntnttaannc	cccnaatcnn	ttagnccntt	ccaatttggc	720
cnanaagnta	anancncccc	cnggcctttt	ngccccaatc	nnnaaattcg	nnatnaaaaa	780
tnaaaccctt	ngccttttaa	ngggnacctt	tnacacgaan	gggggaaann		830

<210> 4333

<211> 772

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(772)

<223> n = A,T,C or G

<400> 4333

gnnnnnnttt	nnnnnnnttt	ccnannngnn	nnnttcaa	tttccnaatc	gctngncttt	60
ttgcaggatc	ccatcgattc	gcaccgctat	cagaaaaata	tcctgttcat	ggttttatact	120
gaatttgcaa	actactgata	tgattttttca	ataaccactt	gtatcttcca	tcatccatga	180
gaggtgggaa	gaggtacact	gtatctctgc	aataaaactt	tggccagggt	ctacctcctc	240
tgagcaaagg	atacttttct	atgtaggtgt	agatggttct	cctttactaa	tctgacatgg	300
tgcatctgga	gacaacatct	gatgggatcc	aaagacaact	tgaaacaaag	gtggatgtca	360
gctcttggtg	tggtttcatt	tggttctctt	ttttaaatct	cccttttggt	atcgctcctg	420
ttgtagcgtg	tccatcagtg	tgtgaagggt	gcgcctgtt	ccaatgatac	tgcattgctg	480
catccagcct	ttcgtgggag	cacggtacca	agcgtccgga	attgattatc	ccaatcattt	540
ttgatatgta	actgaaaaat	ttggtctcat	gcaataaaaa	tgtactggct	gcatttttagc	600
aaggttttatt	tactcttgca	agtaaaaaacg	atcaaccgtg	aagcgtaaca	aattctgtat	660
ttagtttttt	ttctgttggtg	gtggtttttg	ttttggtttt	tggtttgtaa	gattctaaat	720
aaattaaatc	gantnaaaaa	aaaaaaaaaa	aactcgagcc	tttanaacta	tn	772

<210> 4334

<211> 729

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(729)

<223> n = A,T,C or G

<400> 4334

gngnnnttga	aanccntggc	tacttgttct	ttttgcagga	tcccatcgat	tcgaattcgg	60
cacgagactt	aaacatgtca	cctaaatgca	cttgatgggtg	ttgaaatgtc	caccttctta	120
aattttttaag	atgaacttag	ttctaaagaa	gataacaggc	caatcctgaa	ggtactccct	180
gtttgctgca	gaatgtcaga	tatttttgat	gttgcataag	agtcctattt	gccccagtta	240
attcaacttt	tgtctgcctg	ttttgtggac	tggtgtgctc	tgttagaact	ctgtccaaaa	300
agtgcattga	atataacttg	taaagcttcc	cacaattgac	aatatatatg	catgtgttta	360
aaccaaattc	agaaagctta	aacaatagag	ctgcataata	gtattttatta	agaatcaca	420
actgtaaaca	tgagaataac	ttaaggattc	tagtttagtt	ttttgtaatt	gcaaattata	480
ttntngctgc	tgatatatta	gaataatttt	taaatgtcat	cttgaaatan	aaatatgtat	540
tttaagcact	cacgcaaagg	taaatgcaca	cgtttttaaat	gtgtgtgttg	ctaattcttc	600
catangaatt	gtnaacattg	actgacaaat	tacctataat	ggatntgggt	aatgacttat	660
gagcaactgg	nttggccaga	cagtataccc	aaacttttat	ataatatcag	aagntatcac	720
cttgtgaaa						729

<210> 4335

<211> 750

<212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(750)
 <223> n = A,T,C or G

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<400> 4335
tcggcctttc aaatnccttt tctatttcna atncttggct actttcactt tccgcannga      60
tcccntcgnt aaaggcagcc cccaagtccc agaaagctga ctcccctagc atcgactacg      120
cagagctgct gcngcacttt gagaagggtcc agacaagcac ctggaagtgc ggcaccagcg      180
gagcgggcgt ggggaccacc tggaccggag ggttgtcctn tgacangcct ggcacggang      240
agggcccacc gagtggaccn tnaancacta cnggtcntna aacacntnec atgaggccat      300
atctactaac ttaggccccat ggtcagatat gatnatctgc aaacccatct tgaccttgag      360
tatgtgaagg ggtactgtac tttattcctg atacattttg gtttccatgt aggtgttgag      420
ctcctggttt tctgtgtttg gatgatgaag atttggacc ttccattcat aatccctttc      480
taagtgaaac ggagaggctg gcttggctgt tccttgttat tccgaaagcc ctgggttggg      540
gcccattgtt acactggctc tcagtctagt caggtgcaat gttcttgaan angtggggac      600
ctaattatta ccanagtagc ancaagagag gaaacgttgt gaattaaagt attcaattaa      660
aaaggaaaca tgatttctac ctgaaaaaaa aaatggctgc nancggataa tngtntgncc      720
cntgntttnn anccggagnc cnnnnacat
```

<210> 4336
 <211> 991
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(991)
 <223> n = A,T,C or G

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<400> 4336
ggggncattt tgcnaaantc cccgcngttt ttccccngtn nttgccnaaa aanagncccn      60
tttgggggcn cccccntntt ttgccaaaaa natccnnccc taggggccta acctatgggc      120
tgcnnatan gngggncagg gggagaancc ccgcnaaang cgnaangan ggangnaaan      180
naacgggggc acacacgcnc nagngggcag ngncnnncan ggggnagann ngnncagggg      240
ncagnggggn nngnncntnc cgancanana cngggngggg agaannncna gagggnaagn      300
ncaccncncg anaagnnga nagggnggna ncntgnanna cgacnanact ngngngngca      360
anccgnaann gagacganga nanaggngtn cnanggcgca aagnagnant acncgcncnn      420
nngatacagn aaaaaggann naaannnacn gcnanganag agngananac nacaanctnt      480
ggaggaagag acggaanacn gggagaggaa gggntnagna annaaaggca aggattaacc      540
tnacagaaat gaanaanccc nanncacngg ngncntctgc aagngaacca cttnaagcca      600
angtnaagca gntgcagctt gatagcctgc taccactgag agggactcag aagagtgtac      660
tncattgcaa tacttaaaca gcgccatctt gctgtggaag cctacagaaa actgnggatg      720
aacacaagaa aacgatggaa ttactgcaga gtgatatgaa tcagcacttc ntgaaggaga      780
ctcctgggaa gcaaccagan cattccggca cttcagnca catcagnact tggcaataaa      840
accacagng agaattggaa aacagatggg gnganagaac tggccctctg gaaaagacag      900
cttnggacaa ggtcaccaac ngaccagatc cnggnaaaaa atccaaggca taaaggaaag      960
aagannggtc caaatctcag gggatccaac c
```

<210> 4337
 <211> 1188
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1188)
 <223> n = A,T,C or G

<400> 4337

ccttaaaaaa	ttggggccct	ttggggccct	tacttcnggg	tagaatnctt	ttttnttggg	60
ccaggggaaa	tccccccant	tccgcnaana	aancgggaaa	atttgtgccg	ggggccaacc	120
ggaagggaaa	cnttcttggg	ggncacacca	aaggccccc	agggnaaggt	ttccaaattt	180
ngggtnttcc	ctttttttnc	naaaggcccn	aaggtttccn	attttttccc	aatttaattc	240
ccaaaggccc	ngntnmatnn	tgntctangtn	cgnnnnncnn	atntntnnan	ngngggcggn	300
anattnnntc	ntntntntnn	tgctnntcnn	nnntnnnnnt	nntaanncnt	tattnatntn	360
ntatncagcc	ncnnntanan	nnantnctnn	naatnntnt	tntnntactc	nncnnattnn	420
ntngtngtcn	nctnctttta	nntcatcata	cnnatatcat	ntaaanaang	cntnnactnc	480
ntatnatccn	ttngcatctt	cantgttttn	ttntctcanct	ncttgcntcn	nntntacant	540
accantnntt	aagctctttt	tacnatgnaa	tactcanna	gagntngagg	ttggctgnan	600
tttanccttn	taaantcntt	gtccnntggg	ctcntgaact	ttttnnannt	tggtggccct	660
ttnactttta	ctntnnatna	natgggantn	cgntnnaatc	tntnttcata	naatttttgt	720
acnnntaanc	gttgatntta	gnanaaacta	cnaggnacct	nnntttcant	aggnttttat	780
tcctnttttn	aaccnttnnt	ttgatatntt	cttaactatn	ngcanancnt	tacntnancn	840
tntcnntttg	nttaaaatgn	gnatngggnn	acnnncatan	gacctnnag	ctccnncatt	900
ttccttnaan	anagcncant	tcnantattc	tattnnaatc	aatnntatca	ntcgngcttg	960
ctcttttnan	cnnancatan	gatntncang	gtatntntan	gccnanntnc	naactantnt	1020
gcactcnact	atcncancgn	taataagacn	tatanaangn	tcntnnnatn	naaccntttg	1080
nctnacantn	atnttgtaca	tannttcctc	ncnnanannn	nagnntnann	ttatnatntt	1140
ncatatcann	cnatanactn	taataagtac	tntataaant	tncgnncg		1188

<210> 4338

<211> 941

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(941)

<223> n = A,T,C or G

<400> 4338

ggggttttna	ataccttgct	ncttntnttt	tatgcangat	ncnntcgatt	cgnatnncnc	60
gcgaagntgg	cnnatgcnga	canggccngt	tctgnatgan	naatgnncat	ctatntccct	120
cccaaanggg	cgncccangg	atatgtcttg	ggatccnatt	ncacccatga	cgctactnc	180
ntgctncttc	ctctnntgct	cnggtnttgt	ncacaaatnn	nnnggnanca	tcnngncng	240
tccattggag	atgtcgngna	taaactgcnn	tagatgtntn	ctaacactgn	tgnaaatgac	300
gagcatnctt	atgagacgaa	ggcntccnaa	gcngtagntg	cccangatnc	gaggtangct	360
atgtggtctc	ttatctaata	tagaaatgaa	aacgccctgt	ntnncagcga	aanntanggn	420
acgnntgnac	actngcttna	acnnaancct	anatacaaca	ggggaaggga	aattgggggg	480
gaaaccattg	acaggnctta	tcanataggg	nttaaatnag	aggaccacc	gnttgtaatn	540
aacatgnnga	ttnatattgg	ggaatacga	tncaanaggt	nccaggttnc	acttggtttn	600
tttttaacct	tatggccnan	tanncggttc	aatttggttg	ttggggganc	cccttttnca	660
ttttgggaan	attnggagcc	cnctaattggn	cgnggaanca	ntttgtnggn	tnccccaat	720
cntaatgggg	acccctntna	naaaacctcn	ggggggtgga	nccccntcct	taaacccaan	780
nacgcttttn	ttgggtttnc	caanaaangc	nnaccccccg	gaaaacttnc	ccttttnngng	840
mnaatttctn	caaccccccg	ggngngaatt	ttccctngng	aaattggcaa	ttcccngttt	900
naaggggtgcc	caaaaattcc	ngnttttttg	ccncaatac	c		941

<210> 4339

<211> 740

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(740)

<223> n = A,T,C or G

```

<400> 4339
gngnggggnnn nnnncnatnt atacatacag gctacttggt ctttttgcag gatcccatcg      60
attcgaattc ggcacgaggc tcctggcatg aagaagatca agttagacac tccagaggaa      120
attgcacggt ggaggggaaga aagaaggaaa aactatccaa ctctggccaa tattgaaagg      180
aagaagaagt taaaacttga aaaggagaag agaggagcag tattgacaac aacacaatat      240
ggcaagatga aggggatgtc cagacattca caaatggcaa agatcagaag tcctggcaag      300
aatcacaaat ggaaaaacga caattctaga cagagagcag tctactggatc aggcagtcac      360
ttgtgtgatt tgaagctaga aggtccaccg gaggcaaatg cagatcctct tgggtgtttg      420
ataaacagtg attctgagtc tgataaggag gagaaaccac acattctgtg atacccaagg      480
aagtgcaccc agccctatgc tactaatga gtagctatgg cagtctttca gggtcagaga      540
gtgagcccag aagaaacttc catcaagact tgaacagacg ttttggcaga aaaccaggtt      600
cttgatagca gtgctcctaa gagtccaagt caagatgtta aagccaactg ttagaaattt      660
ttcagaacca agagtgcagaa ccgaaagaaa agcttttgaa aaaccaacc ctaaggaggaa      720
aaaaagattt tcccactntc

```

<210> 4340

<211> 890

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(890)

<223> n = A,T,C or G

```

<400> 4340
angttggaaa nccngncntt tcaaatanct aggctactcg ttctttttgc aggtatccca      60
tcgattcgaa tncggcacga ggnccnttgg ngtnnggnat tntncannaa tnntnnacgg      120
acannncttc gcnattatgg tgntcttggg tgntngggnt tgttgggtta ccctacatca      180
taangcattn aatgnattan atnttgtnat tgntgncaaa anggaatagg gtcnacaant      240
nctgtgngna tnnaacctgn ntcanatngc ntttggnaat nttctntacn cnnntttnaa      300
ttccactgta aatnntgacn gattantncc nantggnttn tcnttggaga aaatnnattt      360
tncactcncn gtctncacnt tnatnaagc gtattttatg ctggcnggnc cncatanat      420
ctacncccc ttgatgcctn tggnnanaaa taatgttaan tagtgcgcaa antngntatt      480
gtnttngnga caancntaaa tnggccatta nnggcntacn atgcnnttat gccacannac      540
canncngcna nngnttttga ttangggnan gcattccnta aacaaccng cncnatgaac      600
tngaactngn ttgggaattn antnngggaa tnaanttggc gntnatgggt gnngggnccg      660
cctttacccc gnccacanaa attccttgng caattttnnn ctttaaaagg nccananggc      720
nttaatgggn ttnggnaact tntaancctt ttttttgtt gctntttang gngtggccna      780
gatggcacaa ncnncnngaa ntntnggtgc ntnaacctct gnttnaannc taantagggg      840
antgccaaat ggnttttnnc ttnngcncn aatantnttt ttcttggngn      890

```

<210> 4341

<211> 776

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(776)

<223> n = A,T,C or G

```

<400> 4341
ntgnnnnnnt tnnccccctt cnaatcnctt ggctactngt tctttttgca ggatcccatc      60
gattcgggag aactgtcac tccttttccc tccccataca aactcaaagt cccctgggcc      120
ccaattcaga gttatgtttt ttttggcaca tactagaaag gcagtgcctc agcccttccc      180
tgaatccatg gaggtgttct gtttggggct ttttagactg ctgctgctca gctggttgct      240
tgaactgaca gtaggccagc ctgttctctg ccattcccta gtcacacctg gcctcaccac      300
agcttgctta gagcaagcct tttctcagac cttaggcaca gcctctcctc tttacctgat      360
caatgttaaa tgtaagcacc cctgatccca ggacataagg aaagatgccc aattgtactt      420
ttgttctata gcctgtgaaa tggctagtgt atcatttttc cacaaagaat taggtgttaa      480

```

gagttttcct	tcaggcttta	cttaggagaa	tggactaagc	tgaaaggtgt	acttcaccag	540
caagaagtca	actctagaaa	ttcaaggatg	ttccttctaa	ttggtttctt	aagccatctg	600
tcanggaaat	ggtaactttt	ggntttaatt	tttnggctta	attcccaagg	ggggtaaagc	660
ccagnaaaaa	ttngaaaaat	ggaattattt	tcttggatta	aatnagcncg	naaacctttt	720
ttcnaattct	tcaaattntt	ttaaangggg	gtcttgcttc	tttttnaaaa	gcctnt	776

<210> 4342

<211> 752

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(752)

<223> n = A,T,C or G

<400> 4342

ntggannnct	ttcccccttc	taatncttgg	ctactngttc	tttntgcagg	atccccatcga	60
ttcgaattcg	gcacgagcct	tccacggtta	tttcacagat	atggagagct	ggaagcaggg	120
agtgagtctc	tgagtgttgg	aattgtaagg	gatcagaagc	agggatcaga	agcagtgggtg	180
aagttcatcc	accataaaac	acacaggtga	ctttgccttg	aatctgcagg	actgaagcca	240
actcttgggc	acagaccctt	agtccttcc	ttggccactc	taagtcagat	agtccagagc	300
caggcccttn	gggatgtgac	accgagataa	atcagagaaa	agctgtgaag	cttgggggaa	360
agagggactt	ttggtgaagt	aggtggtctg	cagtttctat	cttcttggga	aaagcaagct	420
ggaaaagtga	acagtgggtg	gtaggccata	gtgctcccag	ctgggtgaca	taatgaccac	480
acagcacaag	tgatgttatt	agcaactgtg	tggtgggagt	aggttgtngg	cttggacaaa	540
atcaatccgn	gtgggaaaaa	tgttagggaag	ttttattaca	tttaaacttg	gntaacctaa	600
aatcccntca	aaanaaaann	antctngncc	aaanttaagg	gtntnnnaat	naaaaaaact	660
ttngnncctt	taaaacttnt	cgngngccnt	nttaacgtta	aatcccgna	tngntacgaa	720
tcctntgggt	gaattttngc	caaaccact	tt			752

<210> 4343

<211> 1069

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1069)

<223> n = A,T,C or G

<400> 4343

gcncannac	angannnnnn	nnnaaaaaa	caaccnnaaa	nnannngnac	cnannannna	60
nnnganngn	gnancagnag	gnnangngtn	anccgcnnng	aaaccctgcg	acccacganc	120
gngggaaccg	gcnnaggccg	gacaccnngg	cngnggncac	gcggnacagn	aggccacggg	180
gagcagaaca	cngnanacgg	cnnngaacc	nncccacgan	canagagaga	nnngaagtga	240
cagcacannt	gganaagnen	aagaccana	ngacgcagaa	aacaanggga	cangaggcga	300
angcanangn	ggaaaaanan	agcggaagaa	caganacgga	gacaagnac	caccggnang	360
ncagaggcca	ncganaccnn	ggnnngccng	ancaanagac	aaacnccgac	ncannanang	420
cggccnggan	nanncngagg	angcaaaaga	gagaaangaa	gccagggaag	ganacnngnc	480
atncnnnccn	ncnnacgaan	ggaaacgagn	aanncagcan	ggcnggacac	aacgacacng	540
gaagcaannn	ncgnanggaa	cngaaacnan	ccgaagaann	ggancgggng	nnaatcaaaa	600
gnggaaccnn	ncgaangncc	ancncancaa	gggcnnncca	angngccann	aannngncna	660
aaaagcgccc	nccaagaggg	ncgacganga	cgnaacnaga	gnccgacggg	nagncgaaaga	720
ccaaancagn	nnccaangaa	ngcagaanng	gagcnaagcc	cnngaannng	anaaaaaang	780
ggcncgggnc	ncacnacgaa	gccccanaa	gggggaaana	acgnagaggg	gnaacagagc	840
ccnannnnnn	gcgngngana	ngacacagga	nnacaaangn	gaaaagggan	ccacancann	900
gnaaaccggg	gcaaggggaa	acncccaann	gcaaagaaga	aagaacagag	cacgcaaagc	960
agaaangnaa	caganaacaa	gggaacnaaa	gagcnggaca	cagnancnaa	nggcaacnan	1020
nnngaggcna	cccacgncan	ngnnangccn	nnagnacann	cgcnanncg		1069

<210> 4344
 <211> 459
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(459)
 <223> n = A,T,C or G

<400> 4344
 ttgatccata tanatacnnC tanttntgca ggatccctcg attcgaattc ggcacgagnc 60
 ncatnccnac cactactgat gantatnntn caaagagnga tacnctntgn ctatgggntt 120
 naacnctcnt tatccaantg ggnaaggaac ttggcnccgg angacgcaga tgtgtncacc 180
 tcattntcaa ggaaanctgt gaancccttg cctccttttn cttgcctcng antgtntgtg 240
 acnacancgg acnctnnnnn catcncnanc ntgtagnnga acggnantgg aanatcngtg 300
 cactcgtnta tnnnacngng agggaccatn naccnaagnc ancttagcaa antggcttng 360
 atgctgtggc tgannancna ctgcnggtgc attcggacac atttgcccat nacnctgang 420
 cncatttctg nggggtcaag ntcantctga tcttntngn 459

<210> 4345
 <211> 784
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(784)
 <223> n = A,T,C or G

<400> 4345
 tttnaacctt tgcatttgan ccctttgcag gateccctega ttccaagnng ncacnaggtt 60
 ngctgnacnc ttggctaagg nnaactgattc tgngcnccct acccatgttc atggngangnc 120
 cgngcctnct ctggccatnt gccncaacga ntattctntn cccnaattg ctatnttctt 180
 gggatantag nntanntgan ngatttngca agacnagaan gtntctacnn ntctgnccan 240
 nacgtncgtt acttntnagg ccttaacaaa tcttggncat gcatggngata tatatcttcc 300
 taangnaccn catgncaggg tccatnccat tcattgaatg ccaangatan accagctnct 360
 ggtncnnaag nagtntnag ncancntanc aaaganccnn gggcccntgg ngnttgacan 420
 cattcatcgt ggaggaacaa tggannnagt ctnactttcn cnanncnann ttctgattna 480
 aggnnttgtga aagagtatta catnancgtg nanntcangg ntgatntanc ncanaaatgg 540
 cancttttnc ttgcatcnag ggtctnggcc cctttntnca taaaaanngg atctgaatag 600
 gctttnttan ttaccnncnn cacaccnnaa gnantaanct aaccctttgc naangttagn 660
 nnnctttacc acanaggtcn ttacncaaaa ntannnggtg anaaccccg ccanttttct 720
 agattantnc ccaacttang ccctgncatn cacttgatac anggccccct tattanaatg 780
 aact 784

<210> 4346
 <211> 887
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(887)
 <223> n = A,T,C or G

<400> 4346
 caaanccttt gcccttttcc aaatcncttg gctactcgtt ctttttgcag gatcccatcg 60
 attcngtgct gcgactcagg cncnntgnat ggnaantgac ataatgtnan cnanangcnc 120
 tctgntgtat gagttgtgct tggtttgnnc nagnaggaac ctgngnnntn tataactacn 180
 ccnangccnt ttggacaaca gctgggatcc aaccnttgc ntngnnnnna ntgttctttt 240

cagnncctcn	tgggntagac	canaacantt	ccttgtnaan	ccnaacnngn	caaaacntng	300
nancagggnt	ncgtnnccca	angtnnttn	ttanngnccc	cnngngngna	aacnntttca	360
acccttgnc	tttgganana	nncttngggc	cntnaaaatn	nnttnnatan	naccttnmnt	420
ggggattcnt	ttaatttcta	ntnaaangtt	ggtggtccna	ttttaacctn	naaaatgnnt	480
ngcaatgnnn	acttataacc	cttanatcgn	ttgncttaat	tgaaancntt	aacngtctaa	540
acnccttnag	ctaaanctcc	caatatcggn	ggtaacceng	gnngatgnnt	nggggccaat	600
ggnnntttca	annnnctnn	aagatcctcn	gnatnnnnag	aaggatatnt	nccnncntgg	660
gantanttct	ctgnnttatt	cnncgaaaa	aganaccttt	gncctcttnn	nattgnaata	720
ttngcctngt	nttaaaancg	nngncccant	tttgggggaa	tatnnnnntt	ctnnganana	780
aaaatggggc	ccncttggn	tactttatat	cnttntnnng	aaaannccgn	cnaanacctc	840
ncatatggtt	ggntcntttc	atgacngcgg	ggnttanttn	ntncccg		887

<210> 4347
 <211> 463
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(463)
 <223> n = A,T,C or G

<400> 4347						
tattcnatct	gctacttggt	ctttttgcag	gatcccatcg	attcgagann	aggangaang	60
acnctntgcn	tggnacaggg	ctntgncctt	antctgaata	tgctattccn	ncacggngan	120
cnmagcctt	tnmntctccc	catntttggn	aattactttc	ttgangatgc	tgcccttnaa	180
angcttcncg	tacattatcc	atntttaaaa	aaatctntgg	actggatcta	ctgaagcgcc	240
nttgctntat	taanntnagg	gcctcnagca	cctaaanctc	tngaccatnn	naagacattn	300
ntncatttna	ctnctttgta	taactaaata	ctctntannn	attctnnttn	caatacngtg	360
ganggnaatg	anaagcatnc	taaanttggy	tnaatntant	tcnntnanna	tgtngnacna	420
aagaagaaaa	tngcttgtnt	tcagggtcat	nggcttggtc	tgg		463

<210> 4348
 <211> 765
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(765)
 <223> n = A,T,C or G

<400> 4348						
ttttnaatgc	ttggctactn	gttctttctg	caggatccca	tcgattcgaa	ttcggcacga	60
gccngtntnt	nctaatnntn	nnatgntnac	ctgggnntgg	tggtgggnng	cntgcagnnc	120
canctactca	ggngctgng	gcatananant	ngcnngaacc	caannngtgg	nagttgctgn	180
natccgaggt	tgcacactng	nactccancc	tgncacana	tcgagactng	tcttataaaa	240
antaannnga	nnatgnnaga	cctatcagta	gggtgancac	ntgtccttnn	gctntgcngn	300
tcnaenttna	tgcatgnga	tccantgang	ttnaaccen	ttccactnnn	tngnnaantc	360
ntnnnttaca	tnctgtgntc	ccaaaaacat	ntcacgtaac	anttatctct	aggtgcagnc	420
tcnctatcnn	taggntcttg	gtnggccaaa	ttcctgggat	cangtgaagg	tggtgctgnt	480
cgtaanaaan	tgaatggact	gnanagngcc	cattttacaa	ggaccatnct	tnctgggggc	540
aagccaataa	attatttncc	ctntttgggg	gaaaanaatt	ttcgganccn	ttaattanat	600
ttcnggaaac	cncccnaaa	gncttnatth	tcccnnnaca	aannttngng	ganncatttt	660
tanggggnna	nnanaggngn	naagggtttc	ngttggnttn	gccntaant	tccaaggnc	720
ntngaaaccc	ttatggggnn	accncattcn	ggataatttg	nnaan		765

<210> 4349
 <211> 891
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(891)
 <223> n = A,T,C or G

<400> 4349
 gtcntctttg aaancccttt gctacttgct ctttctgnag gnaggcatcc catcgattcg 60
 ccnacgcncn gngngcaggc ggggttgctna tggngcnctc ttccgcttnc ttgntnaatn 120
 actntctggn ctngctcgnt cngctgctgn nancggaann anctcnntct aaggcgggtga 180
 tncnnatata cacagantna ggggataacn cnagacngaa cntgtgatcg aaaggccaac 240
 agatngccta naaccgtaaa nanganant agcngnccta tatccatang ctngctgcnc 300
 ntgactagca tatcatanat gtcactgtca tgtncntncn tngaaaagnc cgtnaggmnt 360
 nttatgatac nnggcnnntt cacttggaan ccanntcaag cncncngctg ttacaatgct 420
 gnnctgaat gnatacccggt ccnacntgnt nnattaggna acntgggatc ncttctatnc 480
 actgtnacnc tcatgggggtt ttgggnaaat gcccaangnn nngnccgnaa ttccncccg 540
 aagntttgng gnatgttggt gnnaccgna aacccttgg ncgttacc aa ttggggggga 600
 aanaaccttg ttgggccttt taaaccccg ggtaaaaacc ttnatacgga aatttttagga 660
 gtttgnccan atncccccgn ggntnaaggc cnnacccaat tgtttaaatt ccccccaacn 720
 ttgncctttg nnnnaanggn ccttggtnaa accgggggga aattccctt ngaacancgn 780
 antaggtng ggcanggcnt tttanaggga ntcccttnga aaagcggctg gnnngttnaac 840
 ntttcgggct ttgggggtga acangnanc tncaaattng ggaaatcntg g 891

<210> 4350
 <211> 812
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(812)
 <223> n = A,T,C or G

<400> 4350
 ttntaannn ntncctnnna nnnntggga nctttnnctn nctccannna tncnanntgc 60
 nttncgggtt gggagtcagg cctgggcagg accctgctga ctggtggcg gggatctggg 120
 agccaggtc tccgggcctt tctctggctt ccttggttg cctgggtggg gaaggggagg 180
 aggggaagaa ggaaaggga gagtcttcca aggccagaag gagggggaca accccccaag 240
 accatccctg aagacgagca tccccctct ctcctgtta gaaatgtag tgccccgcac 300
 tgtgccccaa gttctaggcc cccagaaaag ctgtcagagc cggccgcctt ctccctctc 360
 ccagggatgc tctttgtaa tatcggtgg gtgtgggagt gaggggtacc tcccttcccc 420
 aaggttccag aggcctaag cnggatggc tcgctgaacc tcgaggaaact ccaggacgag 480
 gaggacatgg gacttgcgtg gacagtcagg gttcacttg gctctctcta nctcccaat 540
 tctgctgccc tctccttcc nanctgcact ttanccctag aangtggng acctnanggg 600
 gaanggacaa gggcaaggng ggccccatga aaaaaagcc cctcnnttgn ccnacacttg 660
 ncttgannnn ctngcttct nctggtggc ccanangntn ggnnttncc aaccacact 720
 gggatttnt tgccnttgg gggngnact tggcccttt cctnggnttt tttgcennca 780
 cnnnggcctt cnttgggaac cttgtcacc ct 812

<210> 4351
 <211> 938
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(938)
 <223> n = A,T,C or G

<400> 4351
 ntttctaaaa tggccctggg ncccttttt ccnaaaatcc cctttgggcc tncctttncn 60

aaaaatcgcc	tttgggcnaa	ctccgnatnc	ttatntggac	angggaatcc	catccgantn	120
tccgganatt	tcggggccac	cggaggggaa	tttngtggna	ccatgggggc	gggttacaat	180
nananagggg	taantnacca	ttgggatggt	taaaatnana	aagggccaat	caccattggg	240
acngttacat	aaaagngnat	cgctgnggca	agccaccaaa	caattcccat	nanggaaatt	300
ttnnagaact	tttannggaa	tntggcncaa	attnttcaag	ggcccnttta	nttctcagan	360
caccccggn	cttnttggat	naatganggc	tggcggnngn	ntggagnaaa	anngacccan	420
nttaaantngg	gnnaccnnna	tgaaggttn	ggcncnngaa	tgaacccccg	taccctnaag	480
gccgttantc	cnaantngan	acntaaaact	nnacnaaaac	cattgtcttg	gnccaactaa	540
tggcggaacc	ttggccaacc	taanntttta	acngnncatn	ggaccnaanc	atnnaaancc	600
nggaacagnc	ggaaaaanag	gncgtganac	tnngataatg	ncatcnngaa	cnnctgaccc	660
tgnmnttccc	tatgangggc	aaaaaaaagg	cctccnaagg	gtnggaccn	tttnattnnc	720
cccnttncga	nccaacgcnt	tcattncccc	tcncaggggg	nntcaaan	ggcctncnc	780
ncntgnaaaa	cgacngtccc	ctggggcctt	ttccaataan	atnncncccc	tttnntnacc	840
ccnnntntaaa	aanccgnggg	ngaanaaaag	tcccctnaaa	aaatattccc	cccnncnncn	900
tgnccnacca	ctnaatnctc	aatnaaaanc	cntttcnc			938

<210> 4352

<211> 938

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(938)

<223> n = A,T,C or G

<400> 4352

ntttctaaaa	tggccctggg	nccccTTTT	ccnaaaatcc	cctttggggc	tncttttncn	60
aaaaatcgcc	tttgggcnaa	ctccgnatnc	ttatntggac	angggaatcc	catccgantn	120
tccgganatt	tcggggccac	cggaggggaa	tttngtggna	ccatgggggc	gggttacaat	180
nananagggg	taantnacca	ttgggatggt	taaaatnana	aagggccaat	caccattggg	240
acngttacat	aaaagngnat	cgctgnggca	agccaccaaa	caattcccat	nanggaaatt	300
ttnnagaact	tttannggaa	tntggcncaa	attnttcaag	ggcccnttta	nttctcagan	360
caccccggn	cttnttggat	naatganggc	tggcggnngn	ntggagnaaa	anngacccan	420
nttaaantngg	gnnaccnnna	tgaaggttn	ggcncnngaa	tgaacccccg	taccctnaag	480
gccgttantc	cnaantngan	acntaaaact	nnacnaaaac	cattgtcttg	gnccaactaa	540
tggcggaacc	ttggccaacc	taanntttta	acngnncatn	ggaccnaanc	atnnaaancc	600
nggaacagnc	ggaaaaanag	gncgtganac	tnngataatg	ncatcnngaa	cnnctgaccc	660
tgnmnttccc	tatgangggc	aaaaaaaagg	cctccnaagg	gtnggaccn	tttnattnnc	720
cccnttncga	nccaacgcnt	tcattncccc	tcncaggggg	nntcaaan	ggcctncnc	780
ncntgnaaaa	cgacngtccc	ctggggcctt	ttccaataan	atnncncccc	tttnntnacc	840
ccnnntntaaa	aanccgnggg	ngaanaaaag	tcccctnaaa	aaatattccc	cccnncnncn	900
tgnccnacca	ctnaatnctc	aatnaaaanc	cntttcnc			938

<210> 4353

<211> 599

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(599)

<223> n = A,T,C or G

<400> 4353

gnnnnnnnnn	ngnnnnnnnn	nnnnnnnnnn	nannnnnnan	nnnnnnnnan	nnnngngnnn	60
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnangtgg	aaaancccg	nccnnnnnc	120
ngggnaaccat	cnnngncggg	aanccgaagn	ggaaggngan	tnccggggnnc	cggangaaaa	180
ncanggggtgt	tggggggggg	gggccgtatc	annngaccan	ggggngaagc	acttnggnan	240
agggagcaaa	gacacantat	gtaaaccnag	gaggaggaga	agaangcaaa	nnngcatgng	300
aatnnagnt	tgaagaancg	ctttttttgc	tnnttcagcaa	tggtatnnat	gaacaacaaa	360

aatatagaaa	aagngagaaa	aaggcaanna	tnaantatnn	nctgaggaac	aacaacaaag	420
acaaaaaaat	ggggggggat	tgatttantn	tcccctgaca	agaaaaagaa	tnngatcttt	480
agggcnctaat	gcaacctggc	agactcactg	agggngaang	gaatgngctg	aaaaaattcn	540
agcctgacnt	ggcaagctcc	caangggaca	ccaccncaat	ggagaagaaa	gcaggaaaag	599

<210> 4354
 <211> 812
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(812)
 <223> n = A,T,C or G

<400> 4354						
ttntctaannn	ntncttnnna	nnnnntggga	ncttttnctn	nctccannna	tncnanntgc	60
nttncggttt	gggagtcagg	cctgggcagg	accctgctga	ctcgtggcgc	gggatctggg	120
agccaggctc	tccgggcctt	tctctggcct	ccttggtctg	cctggtgggg	gaaggggagg	180
aggggaagaa	ggaaagggaa	gagtcttcca	aggccagaag	gagggggaca	accccccaag	240
accatccctg	aagacgagca	tccccctcct	ctccctgtta	gaaatgttag	tgccccgcac	300
tgtgccccaa	gttctagggc	ccccagaaaag	ctgtcagagc	cggccgcctt	ctccccctctc	360
ccaggggatgc	tctttgtaaa	tatcggtatg	gtgtgggagt	gaggggtacc	tcccttcccc	420
aaggttccag	aggccctaag	cnggatgggc	tcgctgaacc	tcgaggaact	ccaggacgag	480
gaggacatgg	gacttgctg	gacagtcagg	gttcacttgg	gctctctcta	nctccccaat	540
tctgcttgcc	tctccttcc	nanctgcaact	ttanccctag	aangtggngg	acctnanggg	600
gaanggacaa	gggcaaggng	ggccccatga	aaaaaaagcc	cctcnnttgn	ccnacacttg	660
ncttgannnn	ctngcttctt	nctgggtggc	ccanangntn	ggnnnttncc	aacccacct	720
gggatttnt	tgcccnttgg	gggnngnact	tggccccctt	cctnggnttt	tttgcennca	780
cnngggcctt	cnttgggaac	ctttgtcacc	ct			812

<210> 4355
 <211> 819
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(819)
 <223> n = A,T,C or G

<400> 4355						
gcttnaatgc	ttntctaata	cttggctatg	cggatccctc	gantcgaatt	cggcacgagg	60
acctatcttg	atctggatag	taaaagtgagg	acttttaaaa	agtttnttaa	attactggga	120
gaaatcatgg	agcacagatt	caagactttt	cancatttaa	aaaggtggtt	ngnctttncn	180
angcaanttn	tncttngcca	ncttactatt	tcancggncc	tatgngngaaa	aaatcaantt	240
ttgccccatg	antnanttan	gnncgttaen	ccntcncnng	gagctcnagg	acctgcctgt	300
nangaccagg	gctgggcctt	gccaaaccan	ggcaatgttg	gggccngagg	ctgctgtgtc	360
tgaccaagct	nctntcagag	tccaattccc	cangcctaca	gcgctgtcag	cttgccacct	420
ggcattctca	cagagctggc	ttgnccaccc	cantgggggg	ctatannctc	agagaccact	480
tcatectent	ggaatcnacc	tcttttctaa	taccntctt	tggaaaaaag	agcttgnccc	540
ntnctnnang	caacactnng	aagcttntgg	gccttgggtg	tgtaataatg	gtcttnccat	600
tnccgttgaa	acnncantgc	ccntgggtgn	tgtnctcgtn	cagntgtcgn	tgaggnnaacc	660
ttnggnattg	cancntttan	ggccccagn	ntccaaangn	atntncantg	naancctncc	720
ctatacccn	cancnccnan	ttnanntaaa	attnnccnna	aaaacccttt	naaatatana	780
aaaacncana	aacttttgng	ncctttanaa	cttttngcg			819

<210> 4356
 <211> 913
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(913)
 <223> n = A,T,C or G

<400> 4356
 cccngcggnnn nncnnnacng ncngnccgcn gnancggnnc nngcgcggnn gcngncnnnn 60
 nccnnnnnnnn nngnnnnnagt gcancnatna gctcccggcg gacncagnnc cagaccennng 120
 nggncgaggg cgcgngcnag gnacnnnttg nntttcggtt tgncccncca gccgagngcc 180
 ggggcanngc gggnagcncc ggncagngg ntgtgngcnc angngngngc nngcggnccn 240
 gggcgccctg gtcngcgcg gntaccnc ggngggagg agattncng ngngcggnccg 300
 aggacantg gggcgggagn agnanggtgc gcgncaggg gnaanacng ctngtncgcn 360
 gnggccnggc cntctngcc aaggagnccc ncccncggag ngggcggnna tccnggccc 420
 agccgnttac naggcnaat cnacnnngn cccagaggcc cccggtcccc nacntnggcc 480
 cgaccggnng ggncccccgn ggggggaatt tcnnngaggc naanancggt nnggnaaccc 540
 gnnccgcccc tcaagagaac cggcncnnac nnccaacagg gccnaagng ggcctagtta 600
 aacaaanccc cagccccacc cggcggnang ggccnccggnn ggnggttacc ntatccngnc 660
 cgnaagcccc gaancggaan ggggccnttg ncaaaaagcn angggttnnn nccccntntg 720
 gccnnnangg gccnccngg aaactngggg ggggggnggn gnccccaagt atncgggna 780
 agccctgnag gggggggann gtaacccttn nnnccctnta angaaacggg gggggncnnh 840
 cccccccca aggggggggg nggnttnaag ggcganccca ncnacntnt gctcngggaa 900
 nnaccccgcg cgg 913

<210> 4357
 <211> 745
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(745)
 <223> n = A,T,C or G

<400> 4357
 tttctaaatg cttggcnact cgntctttct gcaggatccc tcgattcgaa ttccggcacga 60
 ggataggcca cattccagta agaactcaat ttgtctcca aatttgaga aacaaaacgt 120
 gatitaaaag ctgagctttt tatcagaagc tttttgatg ttttaagtgt tatgtgactt 180
 gttgaacttt ttaaaaagt ctacttttaa aatcccagat actctgaatt ttagaaaaca 240
 aactaattct gattgtgtcg tgcccaagtn cccttttttt ttaatgaata nggaccaatg 300
 ccacattgct ttttatattt ctttcttttt taatgtngcc aaacacaaaa gtagctttgn 360
 tttcctttgt attttgctac tttgcagtat ttgtgtgtgn ggttnttttt ccttaatttg 420
 aaagggacag cactgtgtat gtttataaac taaatgaaga tnagatatta ttttgntaaa 480
 cattcatctg agaacaatca angcagtagc ccattgngct ggctnctttg cagcannaaa 540
 ccntgnacat tttgatgact gtacaacang gaagaacttt gaaaaaatca cgggtgggatt 600
 catattaccc accggtnttt catttcatgg gannctttct tgatcaaaaa aaagctnacn 660
 tccgtaant nntnatattt ctttctgtt ntentaanaa aatatngggg tgtttttggt 720
 nccanaaaat ggnaattttt gcntt 745

<210> 4358
 <211> 893
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(893)
 <223> n = A,T,C or G

<400> 4358
 nnnnaanaan anngnncana nncannanng nnnccnncn nncannncnn nngntnann 60

nacgnaaac	annnannnag	nantccnnn	nnnccgcncg	cgnnnnnnnn	ncagnnngcn	120
gnagncacnc	tctttnaaat	cncttggcng	agntccatgc	angnatacca	cgcagcggna	180
ggacaccngg	cgntggggnt	cnngtagtnn	ggncacaggn	ngggncntat	ggcaganaag	240
nacncagcan	cnacccagag	cgtaatgggn	ggccganacn	ggntggggng	cacgatnact	300
gtnccaanaa	agacggagaa	ctggcagcaa	ctgcangngg	cggtggntnn	cnncnacnac	360
nnattgcnag	tcatagcggc	tatgtgcana	ttgactggaa	gagagttgaa	aaagangnan	420
ataaagcnaa	aagacagant	aagaaacgag	cgaacaaagc	ancaccngna	ancaacacnn	480
taattganga	agcaacagaa	tngatcaagc	agaacatngn	ganatccagn	gggatntgng	540
gggaggctnn	nagctcggac	ntgcatctna	aggacaatga	atattcnccc	anaaacggat	600
ncaaaactatg	aanaacagaa	gtgggcagcc	antaaggcag	nntctcaaaa	gncatactcg	660
ccaggantct	ctanggcaag	gagaaacaac	cnngntggac	aattantcaa	ttccaaactn	720
tanccattat	gccaanctgg	aagcttggca	aaactagnna	tcngctngan	aaaccaacct	780
atatggggca	tgcggaaccc	ngangnantn	ccccgngcaa	aaacgnnngc	tancaancga	840
ntnagcanaa	aanatggcnn	ncngtnnaag	naaacctngc	cctaanaaaa	ccn	893

<210> 4359

<211> 1837

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1837)

<223> n = A,T,C or G

<400> 4359

cggttttggg	gnttttttcc	nnngntgggg	ggnaaaaacc	cccccttttt	ttttnnnggg	60
gggacanaaa	gngancntnc	nctcgngngn	cgngcngnnn	gcgngntgcc	tnanncgtag	120
gcncgnntgt	gtggngntg	gncgtantgt	ncgctncggn	gcngcacaga	tgnngcngng	180
gggngngtnn	ngngnagnca	gtnangncng	cnagcnnnag	tgntnttttt	tngcnangnc	240
ggncnanggn	gagagntgnc	nnnngngggg	gggnatggna	gcaggngngn	ngcggggggg	300
ngnngngngn	ncgngngcgn	naggagngng	gnggggcttg	nncgggcgng	gnnncgcgcn	360
cngtngggcc	nnngtnnccg	gngtgggggc	nnaggtggnc	gggggcaggg	gngttactgn	420
tttgccgcga	ggngngncca	nngcanggna	ncngagtng	agannnggcg	gcggnaaggn	480
ngtggananc	ngtctngnn	gncggngnnt	tnagacgntn	cnnnnggang	agngtgagcg	540
ngnngcngn	ngagntgcn	cacgcagngn	nngggagcga	gnngctggng	angtatganc	600
gnggggcggn	ntgnnnggca	nnataggntn	nagtnggaca	ngcncnggtc	ngaggntnnt	660
gtnnatngct	cgntnnnatg	gtgnnnngca	nnangtcgag	ggncgcgcgc	tnnaggaagt	720
gtgggggtgt	cnctntntgt	ngggttangg	nngagnnctn	nntnagagct	cgngggnnng	780
ccnnnnagag	tcgcnncncg	aggtggnnnc	gacnggccac	gangtncacg	ngngtntggt	840
gnaagcatgt	ngnccgtnac	gcacgtacg	cgntnngnng	ttgncggnac	gcncntnngg	900
gctcgancnt	nanngcgang	gannggggga	agggcngcgg	nccacggtnt	ncnngactgg	960
ngtngngag	gtctngtgcg	gtgggntag	tgngacntgc	agncnntnct	cagganagn	1020
gngggactgg	tagctnacag	ctnngntatt	nggacggcgn	gcgannggtg	nnantgtgtg	1080
ncngngnanc	ggnggncgan	anantcntcg	cggntcntga	gacggagctn	gngagcggng	1140
gannggngng	agngngnaga	nntcgtgagc	naggagaggg	agcaggcgnt	gnnagcngng	1200
agnggggtgt	cnnnangtac	agtgtgnagg	ncagagnncg	cgantnngga	gtncgcgcncg	1260
tntcggngnc	tntgacgtgt	ntntcggnt	ngggggtngc	gtcngtggnn	ncngngntnt	1320
nnnagggcgn	gnacgtgnnt	ntgtggggng	catagtatng	gcgctnnanc	nctgtcgcng	1380
cgagaggtna	gtngtntg	nncgcagngt	ggngnagtga	ngggcgggtgt	ngtgannngg	1440
ggtgtnnccg	tnagnggcgn	gggacgtgnt	gnganntg	ngnnnaagca	cggagcnggn	1500
gnntcgcgcg	gcgagacngg	agattnnngn	gngnaggcnc	gngcncncgg	aggtangcgg	1560
tcntngagga	gcnnngngta	tggtngcgca	ngcgtnttg	ngcgtntngt	gactgggagt	1620
ncgctntngc	ntagagtag	ananggaatg	tnatctntcn	ggnacgggat	gganacngnt	1680
ggnganagct	gcngnctcga	gggacanatg	gcgcgcgggtc	ggagnagtgt	ngngnagcgc	1740
ggacnggggt	ctgagacg	nnggtggggg	nnttnganan	gtannngcnc	gngngnggag	1800
nnngntgat	gcngggagcg	gngtatatna	tgngngnt			1837

<210> 4360

<211> 842

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(842)

<223> n = A,T,C or G

<400> 4360

gtnacncccn	gcnttttctaa	tgcttggcga	tcgnactntn	tgacaggtatc	ccatcgatnn	60
gaatacngca	cgaggcgagt	caaantgtnt	ntggnagcng	anctcctnnc	gggaccngng	120
ngcngngntg	ncnntgatgc	naggggtggc	atgtnnnnca	ncaangccnt	ttttgntggc	180
cncncctttg	ntgaangang	gatgtggaag	aatgagcttg	atncttgtna	nntgccnaat	240
nn gatggcca	anngattgta	tagacnctcc	catatgggtga	canacccagt	ntcancttaa	300
ntgaatgtac	tcannnnnncn	ngncntcn	nnntcnagnc	nccttncttn	gnactntann	360
nnctntatn	tttatganta	cccntantgt	ggtgcnnnct	tgagggggan	acanatccta	420
tgntcatncc	cngnnancta	cttttggnc	nccagatccc	catgnttttt	tccatgcnet	480
gncaacttgn	atctnttaaa	tacatagggg	gtgnacgngn	gtataantac	naactcttct	540
nggggtgntg	nganaantnt	gnccangcct	gatntcantc	tcangtggtt	agttaaaacn	600
attnnnnata	cacctttttt	tnaccntttt	attggggctn	aaaaaaaant	tnctgtcccg	660
tttggaann	tnngttggnc	cctttttntt	ngnancaatc	ccngaacctt	ngntaaataa	720
ntanccctcn	tttgaanata	ntggannng	cnccttnc	ntcgtttttg	gtcgcnggga	780
anaaaaaaag	gnctcntttt	tcntngggat	tntntttggg	ggctcntngg	cctttntttt	840
nn						842

<210> 4361

<211> 766

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(766)

<223> n = A,T,C or G

<400> 4361

ggnttnnnnc	nnnnntttt	nnnagagccg	gnnnnnngnn	nnntnanaat	agncaggcta	60
cttgttcttt	ttgcaggatc	ccatcgattc	gaaacaacgg	agttctcttt	tctgaatctg	120
caaaaaagg	tactcacttt	gtccagttat	gtgcgcaaag	aaatattcct	ctgctgttcc	180
ttcaaaacat	tactggattt	atgggttgta	gagagtatga	agctgaagga	attgccaagg	240
atgggtccaa	gatgggtggc	gctgtggcct	gtgcccaagt	gcctaagata	accctcatca	300
ttgggggctc	ctatggagcc	ggaaactatg	ggatgtgtgg	cagagcgtat	agcccaagat	360
ttctctacat	ttggccaaat	gctcgtatct	cagtgtatgg	aggagagcag	gcagccaatg	420
tgttggccac	gataacaaag	gaccaaagag	cccgggaagg	aaagcagttc	tccagtgtcg	480
atgaagcggc	tttaaaagag	cccatcatta	agaagtttga	agaggaagga	aacccttact	540
attccagcgc	aagggtatgg	gatgatggga	tcattgatcc	agcagacacc	agactggtct	600
tgggtctcaa	ttttagtga	gccctnaacg	caccaataga	gaagactgac	ttcggnatct	660
tcaggatgta	actgggaata	aaggatgttt	ctgttgga	tgtactgaaa	attaacacat	720
gtngtancct	taaaatttta	gactttctcg	acatgaggct	ggtacn		766

<210> 4362

<211> 746

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(746)

<223> n = A,T,C or G

<400> 4362

tttgaancct	ttgaaaccct	tttgcatttg	aaacctttgc	aannccgctt	tttgcnggac	60
------------	------------	------------	------------	------------	------------	----

cccatcgntt	cgaattcngc	ncnanggcaa	cttttnggaa	ttcntacngt	tgangactgc	120
canatgaana	cctactttca	actncttttt	ccccctcta	gaagaatnaa	atcgnatctt	180
ttacttacct	ctggcnnaan	aaagaaaaat	gaaaaanagt	cattttattca	tnctgattct	240
atntancaaa	actgantgnc	aaaagtgcct	tcngtccaca	cacacaaant	ctgcatgtnt	300
tggttggtgg	ntctgtcccc	tnaagaacaa	gctacacatc	atggntacan	tataaattct	360
cgatctacct	taangatgag	gactccntnn	agaancattt	gctattgatt	aatacactgc	420
ttnggcnnngc	nagttnanca	tncntgcagn	ntgtctanag	accacananng	ggccttttgt	480
ttaanganga	atgatgntta	nactnttttn	aaaacctata	aaatgggncc	ntttnnactt	540
tgtnnancant	naaangcata	agtnngncnc	tggncantac	cnantatnaa	aatgtctanc	600
ttnggnaagc	ctcatgaaan	gnngggagngn	tagaccgtaa	tactggccca	aaggngngag	660
actttaactt	ctgtgcacnn	cctgggncan	accacctgcn	nctgcctnta	tggttnacg	720
agctnntaga	cagaagaaca	gtttgc				746

<210> 4363
 <211> 900
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(900)
 <223> n = A,T,C or G

<400> 4363						
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acgagcagag	nagccctttc	ccagnaaagc	ctggacaccc	gtgtctttat	ttngnnagcn	120
cgtgctagtt	gcttttaact	ggccgacag	tggtctggtat	ttagcccctg	aattataagg	180
aaagatagga	cagaataaca	agcaaaagg	gtccgatggt	ctcaccactc	aacgctaggc	240
gaaggtctca	ccgttcggcg	atagggcgata	gtctcaccgc	tcggcaattg	tctcaccact	300
tggtgataag	tgaangtccc	ttcgtggtca	ccaaaatgtg	tncagaattg	gtgggttctt	360
ggtctcactg	acttcaacaa	tgaanccacn	gacactcgna	gtgagtgtta	cagttcttaa	420
aggcagcntg	ttccggnagt	ttngttcctt	cctgattgtt	ccatagtgtg	tttcannaan	480
ttccttctct	tctngntnng	gttccctnng	tcttcgcctt	gggctncaag	ganatggaaa	540
ncctgcaaaa	ccctttcncc	ggtnaaactg	ntttaccagc	ctctttaaaa	tttaggnccn	600
ccatttttgg	ngangtttng	ntttccnttt	cccttcccn	attngnggcc	ttccnctnng	660
gccttctcct	tnggccntt	ccanggtaat	tnaaaaacct	tnnnncagan	ccttttcnnc	720
acttgcnanc	ttgttttnac	aaaccttaat	tnaaaaggcc	ccttggtcng	aaccccccaa	780
nnaagtggaa	nccnnttnnc	ccaaanaatt	taatttngcn	aaannaacca	atanntaacc	840
canacnttn	tcaccancnt	gttttcnaaa	ggggtanccc	ctaaccnnn	atttgcncnt	900

<210> 4364
 <211> 1565
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1565)
 <223> n = A,T,C or G

<400> 4364						
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nnagggccag	ggggnaancc	ccaaacnggg	aaaacccggg	aaaannnacg	gggcnaacgg	120
tagggggngg	gnngggggcc	cggnncnctg	gggggggggc	agaancaa	ncaagcanac	180
ngggtttttt	tttttttna	naanngggnc	cncnacagg	gcggnggaaa	ngccacacgn	240
gggggggggn	gggnagtn	gtggtctgaa	aaaaggncnn	nggggggggg	ggctactnaa	300
aagccangag	cnacangann	cnagnnaacn	cgganacang	ggnacanngc	nnnanaggaa	360
nccnncnncn	gagaaggccg	gnanngccnc	gagngnagnc	gcncnacgag	nnccaccngc	420
nccaaaacan	cnnncnacca	nnangnngnc	nnnaaanaa	angaangcgc	aaacanacnn	480
acgcaacgcn	anananaann	aaagnnngnc	ngaancgnnc	nncncnaacn	ncnnacacna	540
ncgggnaaga	nnganggnng	nncacnaaca	acnagnngcn	gngaganaa	ncagcannga	600

gnnnnagcng	acncagnacc	ncacnacaaa	gncanagggg	nccnacannc	nanaaaanna	660
nacgnaagnc	ncanacacnc	aagancnatn	gaaaaacacn	nccccaanna	ncaacaanna	720
ggatacccac	aagcaganna	caccanncna	nngccnacnn	anacgcccag	nanngnacaa	780
tagacacnac	nagcgnnanc	anaganaacn	cncnngctna	gnncgaanaa	nnannagnnc	840
aagacgggacg	ngaaaancgac	acaangnnnt	ncacacaaaa	ncncaagnag	actagaggan	900
ncgancacng	atacagacaa	cacacagnac	gcnnnggcacg	agacaannna	agnnnngnaa	960
gacgcganac	anngacagna	nnncgcncan	cgangannta	cgngacacna	canagnngna	1020
cacatngaag	cgacnncaga	cngagngcnn	aagnananga	agcgacacga	nnngcanana	1080
nanagacana	acagaggagn	gagngnacca	gcanacacaa	gnnaaanaga	gcannnacn	1140
aaccnacacg	tnnacacccg	gggcanagng	agntnnacnc	nngaggncac	gcgacanaga	1200
gnaggnacac	acacngacaa	nanancgaca	cagacngac	cnnagacang	agagngcacg	1260
acaaanacnc	gnncngcagn	gacnncaccg	nacancgcga	acacgacggn	gacnngagaa	1320
anagaananc	aagacanang	ncaananac	aacaganaag	ngnagacnca	nacananaga	1380
ntnnggacan	atccgacaga	gacacganac	cncaanacng	acgcnngann	agnnanngag	1440
aagnnnnccn	gcgccgacnn	nanannngna	caantcgnaa	cgangagagc	gccggangag	1500
angagcacac	acaacancac	ntnnnacnac	agcgangaag	aganacngga	gncnagagac	1560
agaat						1565

<210> 4365

<211> 1052

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1052)

<223> n = A,T,C or G

<400> 4365

tnctgtgtgt	cccttgnaaa	tccnnaaant	nncttgccat	cgannntng	cgacnccgag	60
gcaccgactt	cangcnnggn	naacnncnng	ngangacnnt	ganngttttt	gacagcnnac	120
ngnganctng	ancacgtng	ggngcngna	gaaatgcacn	cncgcncnca	gnacgctnan	180
gnngntacnn	nacttgangn	anaagnnaa	nnnaccgccn	naacagaaaa	cgnnnnnggtc	240
ngacgccant	ncaggcnngn	anananactg	anganagana	nannccnggg	acgntcnnnn	300
canganagn	nnnnngacat	gannacnnna	gnanaggcng	nnnannnnna	canaancng	360
nnnanacnna	tnngcannna	gcnanngcnc	accttnnaca	cnaagnnaga	nnaaccgcgc	420
gngantngac	ccanancaat	nanncnnnnn	gcttcactcn	nagngcanac	ntgnntaaga	480
cggnagcanc	ccnncnatcn	cgacaggccg	nnncagagag	gnatctctna	cgacacctag	540
cgcatacnta	nncacnanac	aggnccgagc	agaagatcnc	tnannancna	ntntnatcnc	600
ncnnanaaca	tgccgntntn	nacccctnnn	gtcantntga	cacannanag	tacgataaat	660
gntccagacc	gatagagcna	netctcncac	gntnngnngg	cnngngtaga	cnccaaagcn	720
acngnancgc	atntacgnnn	agnnngcntn	actncaannn	ngctnacncc	gtacgacagc	780
accantnnan	tngtgcgnnn	acaacngnng	nttgganann	tnngnaannng	annncntat	840
gtnnnnnccg	cntcnnggaa	ntcgaaaact	ggncntngcn	nnngnnnggn	ncnanccnaa	900
nnannacnnn	gtanancngng	ncgaannnat	annagnattn	ancnttcncg	nctanctnca	960
cgntnngntg	cnacaccagn	ggntntnncn	ngatnaanc	nantgangag	tccgccgnan	1020
nnnnnnann	nnnagcncnn	nancccnnnn	cc			1052

<210> 4366

<211> 714

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(714)

<223> n = A,T,C or G

<400> 4366

gntctctatt	nnaatcgctt	ggctactcgt	tctttctgca	ggatcccatc	gattcgaatt	60
cggcacgaga	gtgtatccag	atctaagtaa	tctcagtga	ctatacattg	cctaaaaagt	120

ggttttgtaa	tgattttag	tcacatttct	attgggatat	gtagaagaaa	aggcaaatg	180
cttaaagtgc	cttttatctt	ttaaaagcag	ctagatagac	acagacttgc	cacctcatac	240
atctgtctct	tggcaacatc	aaggggaacg	actagccaac	atgcctatgg	ctaaaaactt	300
tcctttgcag	actaaagcac	tgcttgggtg	ttcgtttttc	tacccttcac	aacatgtgtg	360
atttcatcta	agagatatat	acatgtacac	atgccttttg	ttccacctg	gatacaagat	420
cactcatagc	taattaggac	cattgttttt	tgttcatctg	tcttgttgca	tgaagggaca	480
ttagacccat	ttccattaaa	ataagttctt	ggtgataaac	tgtggcactg	ctacttcttt	540
ttaaatccac	tttatgattt	caagatggac	acttgtaaga	tgactcgaca	taaggccatt	600
gcctggaagc	cccagagctt	tcctctgttt	gtatggcccc	ttcatgtccc	aggcattgca	660
acacaaactc	aagatttcac	cacaacatga	caagcatttt	cctactgata	ttag	714

<210> 4367

<211> 685

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(685)

<223> n = A,T,C or G

<400> 4367

gcctcacgct	nntgtacttt	ngttgctgtg	ttgctgtgct	gtgtgccnct	nngatntgac	60
nactacacnn	nncnaagggt	cccngcctcc	tncnngatng	tnгнаagnat	acttgacata	120
tggagnngca	ttngnctcng	ccnangtgaa	anngattgga	ntnatncnna	tgcgggggtg	180
gaaaanacnt	gnnggggnna	tatactgtga	cngtccgcca	cataaatcgg	tngccatag	240
aactatngaa	ggctggttaa	ngacntannc	tggctacnan	atngctgatg	tanatgnncn	300
anntgngnna	catanatctg	gntgtcaacg	nataatnnna	tntcnnggna	cngngaactn	360
atnctggngt	gcncacagag	ctctcnngat	ttacttatca	ctatnanata	tgggggtantg	420
cggaactcta	ngcanmtant	gcttcacntn	atnttgnaaa	ancatatggc	atnntcantt	480
tgcttgtaaa	gcacttcatt	cttaactgct	cctnaggann	ggtnttccnc	ncaanggnat	540
ntnaaaaaanc	agntttgntt	ccttngntgg	cgnaccnant	nnttgngann	tcttccccag	600
ngnanmanaa	ggttacttna	ggttccannc	ctctntntaa	nncnttataa	tgaatnnncn	660
ctnaaaaaaa	annnaanntn	ncntnt				685

<210> 4368

<211> 720

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(720)

<223> n = A,T,C or G

<400> 4368

tccttttcan	ttcactnnct	tttgttcttt	ttgcaggatc	ccatcgattc	ggtgggaact	60
ggctcaggct	ggattactct	tgctgctgtc	ttgctgtnct	gtatgccact	gggatctgaa	120
cactaaacat	tgctaagaaa	ccccccacc	accaggatat	ttggaagtaa	cttcacatat	180
ggaaaagtta	aagactcagt	ctctgagaaa	acaattggac	tgatgcgaat	gcagttttgg	240
aaaaaaactg	tggaagatat	atactgtgac	aatccaccac	atcagcctgt	ggccattgaa	300
ctatggaagg	ctgttaaaaag	acataatctg	actaaaagat	ggcttatgaa	aatcgtcgat	360
gaaagagaaa	aaaatctgga	tgacaaagca	tatcgtaata	tcaaggaact	ggaaaattat	420
gctgaaaaca	cacagagctc	tcttctttac	ttaacactag	aaatattggg	tataaaggat	480
cttcatgcag	atcatgctgc	aagtcattat	ggaaaagcac	aaggcattgt	cacttgcttg	540
agagcnacac	catatcatgg	ggagcnagaa	gaaaagggtg	tccttcccat	ggatatttgt	600
atgctgcatg	gtgtttcaca	agangacttt	ttaccggagg	aaccaagntn	aaaatgtgag	660
agatgtaatt	atatgacatt	gccagtcaaa	gcccaacttg	cctaaagcat	gctagnccct	720

<210> 4369

<211> 808

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(808)
<223> n = A,T,C or G

<400> 4369
ttantttncat cagctcttgt tcttttttga ggatccctcg attcgaattc ggcacgaggt 60
tttntttttt tttttttttt tttttttttt ggggtacggn agcactttta tttttcctta 120
cacaatgacg tgttgctggg gcctaattgt ctacataac agtagaaaac caaaatttgt 180
tgtcatntnt tcaaagaatc gagaattgng tacaaaaaaa accttacata aattaagaat 240
gaatacattt acaggcgtaa atgcaaaccg cttccaactn aaagcaagta acagcccacg 300
gtgttntggc caaagacatn agctaanaaa ggaaactggg tcctacggn tggactttnc 360
aaccctgaca gaccgcgaag acaaaaacaac tggttcttgc cagcctctaa agaaatccca 420
gaacactcag ccctgacacg ttaataccct gcacagatca naggctggtg gccacagac 480
tcaccaagcc acagacttgt ntttcacaag caggttntta ccttagccac gaagtgccaa 540
gccacacgtt ctaaagggtg aactcaaaga tatgtacagg gtnttaaaca aatccaaggg 600
gaacagttaa cttcaataca aggncaaaat cagcacaagg tntacaatnc agngctgatt 660
taaatacaag ctttaanggc aatttntttt tgaangnttt ttccatttcg ngaggntngc 720
catgangngg gtgcattttg ncnnggggca aatttntntt ttcaattaan catgccaga 780
aaangctccn catttgntgg gtccgtn 808

<210> 4370
<211> 726
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(726)
<223> n = A,T,C or G

<400> 4370
ggnttttaag atcagctact tgttcttttt gcaggatccc atcgattcgc cagtccatgg 60
gcaattggca gatcaagcgc cagaatggag atgatecctt gctgacttac cggttccac 120
caaagtccac cctgaaggct gggcangtgg tgacgatctg ggctgnagga gctggggcca 180
cccacagccc ccctaccgac ctggtgtgga aggcacagaa cacctgnggc tgcgggaaca 240
gctgcgtac ggctctcatc aactccactg gggaagaagt ggccatgcgc aagctggtgc 300
gctcagtac tgtnngttag gacgacgagg atgaggatgg agatgacctg ctccatcacc 360
accacggctc cactgcagc agtcggggg acccgctga gtacaacctg cgctcgcgca 420
ccgtgctgtg cgggacctgc gggcagnctg ccgacaaggc atctgccagc ggctcaggag 480
cccagggtgg gcggacccat ctctctggtc tcttctgcct tcagtgtcac ggtcacttcg 540
canctaccgc antgtggggg gcanatgggg gtngcagctn cgggacaatc tgggtaccg 600
tcctactctg gcaactccag ccngaaccc aacccccana actgcagcat catgttaatc 660
tgggacctgn caggcagggg tgggggtgan ncannanann tnnnangnaa attttncttt 720
taaaant 726

<210> 4371
<211> 767
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(767)
<223> n = A,T,C or G

<400> 4371
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gncgagctct	acatncanaa	ctnatcaatg	ctgatgtggc	taaataccta	gcctttttaca	120
tgntgcccc	ttccaggctc	acatcatttt	atttcttttt	tctttgtctg	gtggtttttt	180
ntttttgagg	caggagaatt	gcttgaaccc	aagaggcgga	ggttgtggtg	agccgagatt	240
gnaccttngt	actccagcct	gggcaacgag	caaaaaactc	tgtctcaaaa	aaanaaaactt	300
gcacntgatn	aaaaanggtn	ttcatgacnn	agcatgcnc	ttnnctggcg	gacatttccn	360
gaancagacc	ctgttantcc	ttnnacttac	ctgctggatt	tttnaagcgc	taaatttata	420
acttntttga	aacaannact	ngtgaatttn	tnccatttgg	gggcaaaactn	tattcntgtg	480
ancattattn	aatcttggnt	gtnaatntat	tganancccc	ttaatanttg	caatgggtca	540
aganaagctg	ccacggngtn	atnatcctct	ttanattggg	cntccantat	tantgatgca	600
ntcatgactt	ntgggttnac	ntgnttggga	tggggccaat	aaatgnatnc	ttcaagcnng	660
ncaaaaaaaaa	ncccnngatt	ttgattcnna	nngggnaent	ggnggtttnc	tgacttttac	720
cntaaattac	cttngtntgg	ntcttcattt	aaaaanaaaa	cgcntnt		767

<210> 4372

<211> 830

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(830)

<223> n = A,T,C or G

<400> 4372

gcttnanccc	ttccatttcc	caatnntttg	gctctcnctn	aaaccctttg	gancccentcg	60
attcgaatnc	ggcacgagg	ctaacttgcc	ttgttnnact	atngatgtn	gngtcctggn	120
ttcttaacac	tttaagcagc	tgntctcacc	taaaggctaa	tagttntaag	taagtatctn	180
tttcttttta	taattttaaa	attaaaaaat	ttttaattaa	ctgtttttta	attaaaaaaa	240
attattaatn	atttntaata	gacaggatct	ngctatgctg	nccaggctgg	tcttgaactc	300
ctgggtctcaa	gtgatcctcc	tgccctggcc	tcccaaagt	ctgggtattac	aggtgtgagt	360
cactgcacct	ggccaagttn	natncttcag	gntacattnc	ttcagccact	tcaatcaaac	420
atnnaattaa	catgctataa	tgaatgacta	tncttaacta	ggctaaccaa	atgaaggcct	480
ttggnaactt	acctntagtt	acanccttca	cttctttttt	tttgngaagg	gaaantnnng	540
ggnnccggaca	atactcctng	nantnaacta	ntgaaccct	ttncntngac	tngaattaac	600
nngggaaatt	nggggaaant	aattgnagaa	ntgaacnngc	ttgaatcnaa	nannantcaa	660
tanaccntaa	tagncaantc	ntnttaannc	ccnaatcn	ttagnccnt	ccaatttggc	720
cnanaagnta	anancncccc	cnggcctttt	ngccccaatc	nnnaaattcg	nnatnaaaaa	780
tnaaacccct	ngccttttaa	ngggnacctt	tnacacgaan	gggggaaann		830

<210> 4373

<211> 733

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(733)

<223> n = A,T,C or G

<400> 4373

gtnttttcaa	anntnaggct	cttgttcttt	ttgcaggatc	ccatcgattc	gaattcggca	60
cgaggctctg	agtttttttt	tttttttttt	tttggaggag	ataaaccaat	tttatgtcta	120
tcatgttata	caaaaatcta	gaaataatag	atttgtacag	aaaaaatga	taataaatga	180
gaacacaaaa	catataat	aaatttggt	ttttttcccc	catgatatta	ggatgataat	240
catttcaaag	cacatgtcta	gcttcagagt	aggatttgtt	cactggccaa	agcctgccat	300
gaaactatgg	ctttcagcat	ctgtctgctc	tactggctct	tgacaaaact	cttgaggntc	360
tcaagaaaag	taatgtactc	ctggtgctcc	agggctgtgc	tgagctccac	cagctcatct	420
gcaaaagtgt	tgtccacccc	tcggtcggca	aggaaatcca	ttangtggtc	atataaggcc	480
cagtcgaagg	aatctgtgtt	gagtgataaa	ttagtatacct	tccattcaga	ctcgccagtg	540
gactgaaagc	taacttccct	gatagagaag	atgtcctctc	agcctcgctt	cttgtccacc	600
tcacctctctg	gataatgacc	gtccacacaa	gggccttttt	gccatcatca	ttctttataa	660

cttcaccccc gaaatttggg aagttgatgt cagttcaggc tctggnctt caaccttctg
gccttgncga ngg

720
733

<210> 4374
<211> 779
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(779)
<223> n = A,T,C or G

<400> 4374
tcacagtttt ttntccccg aancgttnga aaattcctgc aggatcccat cgattcgggtg 60
gaactggctc aggctggatt actcttgctg ctgtcttgct gttctgnatg ccactgggat 120
ctgaacacta aacattgcta agaaaccac ccaccaccag gatntttgga agtaactgca 180
catatggaaa agtaaaagac tcantctctg agaaaacaat aggactgatg cgaatgcagn 240
natggaaana aactgtgnaa gatataact gtgacaatcc accacatcag cctgaggcca 300
tngcactatg gaaggctgnt aaaagacata atctgactaa aacgatggct ttntgaaaat 360
cgctcnatta aanggaanaa ananantctn ggatgacaaa ancatatcgt aattatcaan 420
ggaactggaa aanttatgct gaaaacacac agantntct tctttactta acactagaaa 480
tatanggtat aaaggatctt catgcanatc atgctgcaag ccatattgca aaagnacaag 540
gcntgtcac ttgcttggan agcaacncca tattcatgng nagncanaat taaaggggct 600
ncnttcctna tggaatatc cgtatgctcc nattggggct tncncaatga angacntttt 660
tntcnggat gnaaccanc tatnnnaann tggntacaa canntatat nntttnaac 720
ntttnnccn nccanancn acnnttggc cncctaaaa agnantgctt ctngtcccg 779

<210> 4375
<211> 1165
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1165)
<223> n = A,T,C or G

<400> 4375
annaaancac acnnnccaca ncaanaaana canncanana nncnannaaa cacaanacna 60
accnncnnn cncncnaca acnnncacan ncncancnc ncncannng cgngcttcaa 120
cnnatggnaa gccctnggc acacgnanna acagcncgna ancncgcna cgcncnann 180
cngannnaan acaccanan nacacgagag agnnancnaa cncnannana cnnaccgcn 240
ccnanaaanc nggnccnnga cgangccgac gnacacanc acaaaacncg acaacccna 300
acaaaangca aaacgcgnaa agancnang acnannaaaa agncgccang anancaacna 360
gnacacacg acnaaccngn accngcanac ancnnnccac aaaccncgag agcnacccn 420
acgcagcanc ncnnccgcaa anngnnanc nacacncna gcccagann angaaccag 480
cancnnaan cannnngcnc nacgaacaac aacnnanana nnaaccccca gacncacaca 540
accagnncc nacnganac gncnaccnc accncacngg aacaananaa ccaggccncn 600
aanagcgnaa acaacccaaa aagnaccccc ccncanacan caacagnana cacacaccn 660
cncgggacaa ncanacncac nnaggaaaac cccaannngn gncaaatnan anccccaca 720
acacagcacc aaaangccaa ncncaaaac aaggcgnaac nacnncagcc gcgacgacac 780
aaacaccan naancnnaan cannnncag ggncaaacan ngcaaaanng nnggcgacac 840
actananng ngacacccca ananaatnag cccanggan cgacacanna acagcgagcc 900
gaanccgna aanaaacgna aaaaccnggc ncaccnacca ggacnacn caacaccacn 960
gcaaaaaacc ancncccnaa tcnaaacacc ccaagaanng ncacacacng nncacaaang 1020
naccncnna anaagggcc anngcccan gaaccccca cancnnncc ncangaanaa 1080
naggncnna cncanggccn acnncaanga cacacnacc caagaannca ccacagcnag 1140
anaancan cccancann gaanc 1165

<210> 4376

<211> 725
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(725)
 <223> n = A,T,C or G

<400> 4376
 tttnacactt tngcnacttg ttctttttgc aggatcccat cgattcgaat tcggcacgag 60
 gttttttttt tttttttttc acgcttaatt cactttatatt ttcttgtata aaaaccctat 120
 gttgtagcca cagctggagc ctgagtcgc tgcacggaga ctctggtgtg ggtcttgacg 180
 aggtggtcag tgaactcctg atagggagac ttggtgaata cagtctcctt ccagaggtcg 240
 ggggtcaggt agctgtaggt cttagaaatg gcatcaaagg tggccttggc gaagttgccc 300
 aggggtggcan tgcagccccg ggctgaggtg tancagtcac ngataccagc catcatgagc 360
 agcttcttag gcacaggtgc ggagacgatg ccagtgcacc tgggtgcagg gatgaggcgt 420
 accagcacan agccgcagcg gcctgtcacc ttgcaaggga cagtgtgggg nttgccgatc 480
 ttgttccccc agtagcctct gcgcacgggg acgatggaga gcttggccag gatgatggcc 540
 ccacngatgg cgggtggnac ctctctggag ccacttaaca cccanaccga cttnggccaa 600
 aanggcctta aaccggtaaa aaggccnctt tnnttgccgt ttttnccnat aggnnttcntg 660
 ccccntgna cangctttna caaaaaatct gnnntttatt tanaaggtgg gnnaaccccc 720
 ccnng 725

<210> 4377
 <211> 725
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(725)
 <223> n = A,T,C or G

<400> 4377
 tttnacactt tngcnacttg ttctttttgc aggatcccat cgattcgaat tcggcacgag 60
 gttttttttt tttttttttc acgcttaatt cactttatatt ttcttgtata aaaaccctat 120
 gttgtagcca cagctggagc ctgagtcgc tgcacggaga ctctggtgtg ggtcttgacg 180
 aggtggtcag tgaactcctg atagggagac ttggtgaata cagtctcctt ccagaggtcg 240
 ggggtcaggt agctgtaggt cttagaaatg gcatcaaagg tggccttggc gaagttgccc 300
 aggggtggcan tgcagccccg ggctgaggtg tancagtcac ngataccagc catcatgagc 360
 agcttcttag gcacaggtgc ggagacgatg ccagtgcacc tgggtgcagg gatgaggcgt 420
 accagcacan agccgcagcg gcctgtcacc ttgcaaggga cagtgtgggg nttgccgatc 480
 ttgttccccc agtagcctct gcgcacgggg acgatggaga gcttggccag gatgatggcc 540
 ccacngatgg cgggtggnac ctctctggag ccacttaaca cccanaccga cttnggccaa 600
 aanggcctta aaccggtaaa aaggccnctt tnnttgccgt ttttnccnat aggnnttcntg 660
 ccccntgna cangctttna caaaaaatct gnnntttatt tanaaggtgg gnnaaccccc 720
 ccnng 725

<210> 4378
 <211> 1050
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1050)
 <223> n = A,T,C or G

<400> 4378
 nngnnncccn nnnnnannna cgnggcgcn acncncgnnn gnangcgccc cncgcacccc 60

ganangnacn	cnncagngg	cntncnnan	angacggngg	nnnnnncaca	nnacnncgg	120
nacgnngncn	ccgangnnnn	gccgnncng	cnncnccgg	ngccccnttn	gaaacnctng	180
ggaaatccga	cacnccnctc	gngancagcc	anaccnnc	cgncgggga	ngcnnaaanc	240
nnacggcan	ngngncngn	anacnancnc	ggnnncgcn	ggncngaca	cgncgncgc	300
ccnccngcc	cngncggcg	cangngaaag	ggngccgng	cccngncgn	cnacnncgc	360
cagnnanncc	ngnncgcnng	cacngnnccc	ngccgcnc	nnecgtcncc	acnncnccg	420
nnanccngcn	cggncagntn	cgcagagcna	ngcccgcaa	gaaaaccgc	ngcgnngcg	480
cccacngg	acnacgccag	cncnccnng	ntagnngnca	nacnnanccg	ngcggngng	540
ncnnncannn	gacanangcg	caccacggcg	gcnaggccna	ggacgaannng	gcgaccnng	600
gagccnanga	nnanccggna	tngccanaac	cncaacggcn	ncngnnacgc	gnnacnggg	660
cnaatncaat	cgcnnngan	gacacancag	nagcgctgc	nnncgcnan	ncggnacact	720
cacacnncac	cngnggccct	caagngagcc	gccantngcg	ngnnncaaag	cangcanngg	780
accatannng	naacaggcac	aanggcantc	gcacnanggc	nnngnggann	caccccnata	840
gcacngggg	agcangaacc	aagggcggn	cccgtccna	nggcnnnaag	cggncaggt	900
gcacnggncg	gncncannaa	gacggnacnn	nnngnccacg	ggagggaccc	accgcncnc	960
acnggggggn	ncnanggn	ccacagggna	cngnncgcn	nncccnagn	ccncanggg	1020
naccgnaa	ggnaaggcnt	gggggccccg				1050

<210> 4379
 <211> 731
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(731)
 <223> n = A,T,C or G

<400> 4379						
tntcaatnct	nggctctcgt	tcttttgcag	gatccctcga	ttcgaattcg	gcacgaggt	60
ttcagcttgg	ctggagcaga	ggcaggagt	gggaactgg	gacnggtgan	actagaggt	120
ggcngaaacc	agccatagta	gtttttgcct	catttggaca	acaaggagcc	atccaagaga	180
gagcggtgaa	gctgatggtg	acacagccat	ggcgattga	aataccccca	gtggctgtgt	240
tgtagggtat	attgggttgg	ggagggacaa	ggtcaggagg	catagactcg	acatcatctg	300
atgtgattca	ggacagaatg	gcgagcctga	agtgaagtgt	ctgtaggata	agttggaaa	360
gaaggaacca	atatgagata	ttaaagaagt	gaaagctata	ggteccagtg	ccttaataaa	420
ggtaaggagt	aagagaagat	tcgagattga	ctcccagact	ctccagctcg	ctggacatgg	480
gagatggaat	agaagttgat	ctcgggttgg	tcnaggagga	gcagtttctg	tggtgagcat	540
ggatagcctg	cgntccccaa	gagaangagt	tccagctgnc	ttgtaataag	ccaangcnna	600
ttatggngna	gatccaccct	tgggagcnac	ttccttaggg	ggccnacnct	tnntagcccn	660
ttanttaann	anttcccccc	cctanatnnt	tccttnggnt	ttaaanctng	naaacttnn	720
tttacnnttt	c					731

<210> 4380
 <211> 731
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(731)
 <223> n = A,T,C or G

<400> 4380						
tntcaatnct	nggctctcgt	tcttttgcag	gatccctcga	ttcgaattcg	gcacgaggt	60
ttcagcttgg	ctggagcaga	ggcaggagt	gggaactgg	gacnggtgan	actagaggt	120
ggcngaaacc	agccatagta	gtttttgcct	catttggaca	acaaggagcc	atccaagaga	180
gagcggtgaa	gctgatggtg	acacagccat	ggcgattga	aataccccca	gtggctgtgt	240
tgtagggtat	attgggttgg	ggagggacaa	ggtcaggagg	catagactcg	acatcatctg	300
atgtgattca	ggacagaatg	gcgagcctga	agtgaagtgt	ctgtaggata	agttggaaa	360
gaaggaacca	atatgagata	ttaaagaagt	gaaagctata	ggteccagtg	ccttaataaa	420

ggtaaggagt	aagagaagat	tcgagattga	ctcccagact	ctccagtctg	ctggacatgg	480
gagatggaat	agaagttgat	ctcgggtgtg	tcanaggaga	gcagttntctg	tggtgagcat	540
ggatagcctg	cgntcccca	gagaangagt	tccagctgnc	ttgtaataag	ccaangcna	600
ttatggngna	gatccaccct	tgggagcnac	ttccttaggg	ggccnacnct	tnntagcccn	660
ttanttaann	anttcccccc	cctanatnnt	tccttnggnt	ttaaanctng	naaactntn	720
tttacnnttt	c					731

<210> 4381
 <211> 890
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(890)
 <223> n = A,T,C or G

<400> 4381						
cnttcttnan	nnnatnttcg	aagnnncnnn	nnncntntna	gttnncnnnn	ntccngttct	60
aatgcttggc	tancnngcg	ctcnaacgcn	ctttcaaacc	nagctctngn	tcttttgag	120
gncccatcgn	tcgaatcggc	acgaggctgn	ttcctcaaga	aaatgaagag	ggnaggatgg	180
ctcagggaaa	gttnatcaga	gggnaaatgt	cactctgtaa	agagtaaaaa	atttaggatg	240
atgatncnga	tctgggaaaa	aaaggcatag	tgaagaccac	ttaaaaacaa	acaataaaac	300
ctatgaaggt	gcatgctatt	tccccanagc	taaaaagata	agtgaattg	tgttttgaac	360
tcttaagtgg	aggtgaagca	caatttatta	gccaccaacc	acataagtga	ttatgaagta	420
actgagaaac	aggtnacatt	ttttccaca	tggacaaaac	tttctctttc	tagaatatta	480
agtatctatg	atnagaaatg	aagtagcatc	tcaagcagtt	tataaatcta	ccagaatatt	540
agaatcacct	gggacctttg	aacgtactca	tgcccnatng	nctacctnta	ttcatttntt	600
tttttcgtaa	gatattgggg	acttcaactt	cnggncttaa	aangatccnt	cccacctccg	660
gccctcctaa	aagttgtnag	ggattntcaa	ggccttgagc	ccnctgtggg	gcnctgccct	720
tctnatggtc	ntgcttttng	acccaattta	natnnaatca	tcttgngngg	ttggnnccnc	780
tgggcctnta	aagnatnttt	taaaaanttn	tccnaanggg	gncnactnaa	tttcttatcc	840
tatcgatttg	tnnancccn	nggcctaata	ccttgnnnat	ctctttncct		890

<210> 4382
 <211> 789
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(789)
 <223> n = A,T,C or G

<400> 4382						
gggggtanga	nccctttgan	accnattgct	acttgttctt	tttgcaggat	cccatcgatt	60
cgaattcggc	acgaggaagg	atccagcatt	cggaggcaaa	catgaagctc	catcctctcc	120
aatttcgggg	caaccatgtg	gagatgatca	aatgcttca	ccttcaaaac	tctcaaaggg	180
aagagttaat	acagagtatg	gatcgtgtag	atcgagaaat	tgcaaaagta	gaacagcaga	240
tccttaaaact	gaaaaagaaa	caacaacagc	ttgaagaaga	ggcagctaaa	cctcctgagc	300
ctgagaagcc	cgtgtccctt	cctcctgtgg	agcagaaaca	ccgcagtatt	gtccaaatta	360
tttatgatga	gaatcggaag	aaagcagaag	aagctcataa	aatttttgaa	ggtcttgccc	420
aaaagttaga	ctgccactgt	ataaccagcc	atcagatacc	aaggtgtcca	tgagaacatc	480
aagacaaaacc	agtgatgag	gaaaaaactc	attttatttt	ttaaaagaag	gaaatcatgc	540
cagaaaacaa	agggaaacca	aaaaatctgg	ccaccgttat	tgatcagctc	atggggangca	600
ttgggaagaa	aaaaagtggg	ncagaanttg	aaaaataatc	cttcnggagg	gaaaagctta	660
aaggaaagcc	aaaancaagg	gggaattnct	tttgnaaaag	ccagtttttc	cagaaaantt	720
cggaaaaacc	nanggaggaa	ccagccangg	aaaaagattt	ttcancccga	aatttggggc	780
cannaangg						789

<210> 4383

<211> 1266
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1266)
 <223> n = A,T,C or G

<400> 4383
 angntttncn cccctttttt tntgaaaaac cccccctttt cgnanaactn ccccngtctn 60
 cctgatnntn gcgangnnnt acgcccataat gggatttctg taattnnngg cctaccggca 120
 gnagangatt atngntatag naaaantttg tggatttgn tctcntgtca tccgntctggc 180
 ncannnatct gtnganaanc ncnnnntnt tgggttacat nccanntctn agttnaacgc 240
 tgtaaactnt ngagatnncg tngnagcagc ancngcctct ntcattggctc nmatnacttc 300
 naccanaana tagtatangn ngcnnttttg agcagnnccc cnatcntncn acgacnanc 360
 gtaaanangc ttctacgatt cnntttttgt nnnactngtn cctttannat ccttnncnn 420
 taangccnan ttgtngnana ctancgcact ntgcaaaatn gntantntt ctaactttna 480
 taaaatgnaa gtgcnaatac ngntttcann nttannnnat anaaaaagga antngantcn 540
 tgtntctncc cctttcangt anangnncnc ctagnnngat tcnntnngtn anntattctt 600
 atancgcgng gtagaaangc ctactttgtg ngtannattt ctcttctatt natnnngttc 660
 ctctgtnta cntnnmtgaa ncnntttagn angaaggacn gnanaaacan naccnacgc 720
 nnnaggntnt tnnngcntan aatanngant acttctnang nccnnttcac tttcnatagn 780
 aaccctccgt ntgtgagnc tttctanttc tnatcnaat actctttnga tncgccacan 840
 ttntnnntan ntntnnntt tntnagtnn atgttnncc agcannttct cnntnccctt 900
 ctnnnacnaa ntntgnaaan nngctttctt nnnnacntag tngnannnat caancctnt 960
 ncncgtgtcg tcntnanata ttncnnmtct tantcnncn ncntanacg nggcntanat 1020
 accnactnan ntataatatg ngnnctngtc gntnatttnc aggcattctc tngntnctnt 1080
 ntcttctcnc cntcgntcg tgtncnngct agnnntanta ntancgtnan ncatntcagt 1140
 atacnntctn tcntgtgngn gcatacncta nnaatntact gntnctcacn ngcntgacnt 1200
 acgntangan tngaanggag tgcccgnnnn tgcnaatnta tctcncgcac cnttaccnac 1260
 tntncn 1266

<210> 4384
 <211> 785
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(785)
 <223> n = A,T,C or G

<400> 4384
 aggggtnnnn nnnnnntttt gaaaggcggg nnnannntt nnnaatatna gctacttggt 60
 ctttttgag gatcccatcg attcgaattc nncncgagcn gggncgnang nagccatggg 120
 gccagccgn aatggcatgg ncttgaancc ccacttcac agngnctngc agcngcnct 180
 ggcnncntgg ctcaacnagt cgntcctgga agaatccgna nacgtatggg cnggacaagt 240
 cnaggcgac cgcatngatt gacacgccnn ntgtcgggat cccatgnggg tcattttgcn 300
 catgncncan ggttcgntgc nacacanagg tgctcagccg agcnnggatn tagnctggag 360
 gagcttaggg tgnccggnt tcacannann gtggtcggg ccattgncnt ttgtgtngat 420
 nngnagaggc anactcangc canngnttcn ctgcatgcca acgtgcagcg gntgaaagan 480
 tccgattcan actgatnctc ttcnccnagc agnnttcngt ncctanaacg gagacantn 540
 tgnntaaaga actgatactt gtcannncgc tggaccggan cgnttatgcn cttcctggaa 600
 cgtntnnnnn aagganaaaa ctntaattaa tactttggga anagaanaat ttnanagcct 660
 tcnatangtt teganntggg ccgtgccaan nggcccgggt tttttnacct nactnnccaa 720
 nanganccca agggaaagccc ttncaacang gatngtnaaa agaanaanat taancncnt 780
 ncntg 785

<210> 4385
 <211> 967

<212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(967)
 <223> n = A,T,C or G

<400> 4385
 nnnnnncann annnnnnnna ngnnnnncna ccannnnnnn cnacnnagng nccccgctcc 60
 aaagccggca annccgcegn cngcnnnnntc aaacntgca ngcggcacnn gnngnncccn 120
 acgancgccc agcgcgcgng anacngngct gccaaagaaan gngngcncan agnccggcct 180
 ngagaacagn acagngganc gtcanaagca gngggangac agacgacnga ngaaacntag 240
 agcccagggn nagcnggacg acggaccagn tcccaaaggc nggngcccaa agcngacnag 300
 nttnaggaag aaanacgngg gacacaaccg gagacanccg annaggagcn gacnganntg 360
 gaccanang gcaagaagca ccnaaacang ncaccacca nacgaccggg gaaggcacga 420
 accgtcngag cagagnaana acngaaacna ancaacgcgc acacannng aganagaaac 480
 accnnaaca ancnaancgn gggaanangn agaccggacn cagaagaang gcncaagann 540
 cggcanngaa cccnnaancn gacggaannc agggncggng ccaacaagan ggcnaangcn 600
 ggncaannna nggcccgcnn ggaaaaacga ccaagnngnn cnccaaaaaa gacanggcaa 660
 aagnaaacgg gcaaagggca ancncaagg nnaagccna naacgcgcgn nnggagcaaa 720
 angnnccaag ngaggancna aagangggga aaggggccca cnaagngggc ggnnaannng 780
 cgaannnaaa acanagggng ggggccacng gnaaacccaa gcgcgaaann ccnggcncna 840
 agggccccga aaacangggg ngacaaaaac ccnngccaaa accnnanggg ngggncctat 900
 cngannaca naagngaac cgnccaaggg ggcanaaagg aaaggccatn nnaangnaaa 960
 agagccg 967

<210> 4386
 <211> 1118
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1118)
 <223> n = A,T,C or G

<400> 4386
 tnggctttta atnccttttc nattccaatg cttggnnact ttcaacacga tcccatcgat 60
 tccgaattcc gggcacgaag caggagctgt gatctgcccc cagggtattct gacccccaaa 120
 ctggctctca acccatgttt acatggatgg aaaanggaan aggggtgactg gtngtatcaa 180
 gctcttaaaag ggccttactt ttgggtggaa aatggggacc ctaaaaattt ganttggctt 240
 acttggantt nccttntctg tcaattactg gaaaaatttg ggcaccttca nttaanttta 300
 aatncttttt ggaaactttt taccattaaa ccttggnncc tttaannnt anntatttng 360
 nccaattgna ngaaantntt atctcttnna ttattcatta aaaatantnt tnccnnnagt 420
 ctccnatctc ttttgntaat aagngncccg gnatnctcaa ntntacnata tgnnaagtn 480
 ntngtcttn acanccagat tntntnttn anttataant tgntnananc gnttnannta 540
 nntatnngn naacttcnta ctgggtccaan gnntgtngga atgttcanan ttaactantg 600
 nantntnga aantacaact nggtntanc aaancntcgg nanngtggn canttatncn 660
 nnngnanaat gnaaatggn gnantcgcan gnttcnang nntctananc cnnaatctc 720
 nangcgnann canttcatnn ncggttacct cnatnagtn acctcncgna ngntatatgn 780
 agncatgntc ttntgttagc aattgaannc atcnncnat cnagantcca natantaatc 840
 ttncgntaa ncncgcttna nngagcctt gntatcccn tcgngatgtt atatntacat 900
 nnatacannn tgnntganaa aatacngtnc ngntcnngga naatctnagc tggtnctcac 960
 agnatctan cgtgnaatna ccntanattg tncnccncg cggngtgtcc canantcgcc 1020
 nntagagcct catntcnngn nattngacgg taatnctgat atntntctc acncagattn 1080
 cnnctaataa aagngnhnta tttgtagaaa tgacnccg 1118

<210> 4387
 <211> 486
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(486)

<223> n = A,T,C or G

<400> 4387

cgccttttaa	gctncttggt	ctttttgcag	gatcccatcg	attcgaattc	ggcacgagac	60
tctggcacag	ccagagtcatt	tggtctttca	agcagtcatt	catatcagcg	ggntgccatt	120
nctgntttgg	agcactagnn	naaaatagct	gcactatccg	gngcgnntat	ncnaagctgc	180
ncgcnnnggg	cttgcnttct	tgngggngnt	ttnttgnna	atntcaaaag	tttctaattc	240
tnatgccnct	ttttgggnaa	ahncaagann	aagtcaatcc	tncccttggg	gatccngngt	300
tcccctttca	atcacgattt	gtnggnntc	acnecgattt	tnntttacna	gacacaggnt	360
tattganeng	ttangttntt	aacatctngn	aanctnaant	gtngctgnat	gnaatgngcc	420
tnnncanttc	ccatnacntt	tgccccctncn	ngnggngccc	tancgtngtg	ngnntnaatg	480
ccnman						486

<210> 4388

<211> 842

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(842)

<223> n = A,T,C or G

<400> 4388

tcncccttng	aaatcncctt	ggatnttgct	ttcnaatnnc	tggtctctgn	tctttgngca	60
ngaatccnnc	acgagggann	gctgtcngan	antctgttnt	anacggnaaa	nccctgaatt	120
nancatcnac	agtgtcnntc	ttngaancan	nnntnctaaa	ntcnntcatg	anatggaggt	180
gattaagatg	gcccttgctc	ntggatgnca	nacttnngnc	agaatnnacc	tactntgacc	240
ataggatact	ttntnttgta	ggtgtaaatg	gttctnctnt	actaatcnga	nnnggannat	300
annnatcaaa	cnttntangg	gatecntann	canntnggaa	cagcngtnga	tgncncttt	360
nggagggat	tcatntnnca	ntcntgatna	aanntnccnt	attntntnn	ctactgancg	420
aacnnntgca	nnaagtgtat	gaanggtgcc	ccctgtnecc	atgatnctgc	antgctgnat	480
ncagcccttt	ctggggagcac	cgggtccaagc	gttccggaat	tgattatccc	natcatttnt	540
ganntgtnac	tggaataatnt	nngnctnatg	cantnaaaaa	tgtacttggc	ttgctttttt	600
ncaannngnt	atttncntct	ttgggaagta	ataaaaccga	ttcnacccgt	ngaaaccggt	660
aaccaaatt	tcntggtatt	ttaaggncct	tttttcctgt	tnfganggtc	ggagtcnttg	720
gnnccnannt	atttttttgg	ggtttttgng	naagaatttc	ctaaaantaa	anntttntnt	780
ctaccatttt	ttanananata	aantgannta	anaaaaattt	cctgcccttt	tnaaaacttt	840
nt						842

<210> 4389

<211> 628

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(628)

<223> n = A,T,C or G

<400> 4389

nnnnntannn	ntctntnnnn	anntntanng	atnntntntt	cnnnncnmat	nttannattn	60
nnannctcnn	nnntantat	annagnnnnn	ntatntnna	gantnnnnnn	nnnnnatnan	120
nanatnnnnn	nnncnnnnnn	nnnttttcat	tttngaaacn	cccttaccgt	gccgcnttng	180
ccagtatccc	atcgnnncgc	aacnaccctt	acnnaaaaac	tnaaaanaaa	ntggcttagca	240
acgggttntt	tcatncnggt	gtctcttnat	ntaagtttnc	taagttaaga	aaagctgggtg	300

acatattnat	acgtntttgt	gcaaaaaataa	atgaatggca	ntagnaccta	aaaanatctn	360
tattatgtac	ttntgtgtga	aaaagtntgt	ataatanttc	cctnaaatat	gcattatttt	420
acttgtgagt	tnnttntctga	attaatctga	aatgtncagg	ccctggattn	gctacagagt	480
gagaagttat	ngctattngt	ttcttatttg	taatgcttgg	aaatgctgca	caaatacacga	540
agctcttacc	atgggttgaa	caaaaaaagg	ggaaatgggg	aggggaaaag	ggtgggatat	600
cccagcatgc	ttgtntggta	tattccag				628

<210> 4390

<211> 676

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(676)

<223> n = A,T,C or G

<400> 4390

atncttggct	cttggctcttt	tgcaggatcc	ctcgattcga	attcggcacg	aggagttttt	60
tttttttttt	tttttttttc	atntttataa	aaatgtgttt	tattgtttta	aaacaagtct	120
ataaaagtag	aaatcacatn	caaaaataca	gattactctg	acatgttggc	aaaatagctt	180
atggctggac	ttgagtttgg	aagttctgta	tgtttgaggg	catccgatgt	cagagtccaa	240
ccgatccta	acccagctc	ttgtcactaa	tagtaaagtt	tcaggatatta	tatcatagca	300
ccgactgagt	gataggtgtt	ggaggtagtt	gagctggaaa	aattcctgaa	agcagtcatt	360
cttttagcatg	acactatcac	ttaagtctag	atggacaaga	ttggggcatc	ttctaactaa	420
agtagagaga	tctgatttct	ggagattctt	tctgtagccc	gctaagattc	agctgggggtg	480
atggtctctg	acacatgcgc	aacagcacct	gtcatgcttt	tcaagtggaa	tcaaacacca	540
ggagaggtga	ctatccagct	ggacagttgn	tnccaannnt	gcaggcaatc	aggaatccga	600
ccccaaaagg	taatccccta	attgagtttt	gcanagnttg	catggacca	aaccgagctt	660
cagcttaatn	tgactg					676

<210> 4391

<211> 946

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(946)

<223> n = A,T,C or G

<400> 4391

ttctaagtct	tggtctctcgn	ncttctgcag	gatccctcgt	tcgaattcgg	cacgaggntg	60
tcacangnnn	nntgtntcca	caggcaccac	tngctangtc	tnacctgtgn	tgntgtttnc	120
aacncggggc	tangnangct	ngtattccac	ntggataact	aancntgggt	cataccgncc	180
ntgnacgtgg	naccngctnc	naggagatgc	aacnanacat	tctaagatgc	ttatgatcct	240
tacntgtatc	tttctntttg	gngattcttt	tanattggat	gttgcaatgg	agntgaatna	300
ncttnnnnnc	ngctctnnnt	annnccnntt	nnatangnan	naactttncn	nnnnactaaa	360
tngnccactn	atactaagt	gcttagatgc	atatnttacc	ctcttnaagt	gntaaaaccc	420
tttagaatcc	naaggaccag	ngtcaancgc	aacanncttc	taggacctat	gcgaagctnt	480
gacttganc	ttgggggatc	ccntgngngt	tanctcngat	natgtttcgn	ggaccngcnt	540
ngacncatnt	anagtnttgc	nncattggna	ngnccctggt	aatccccc	ntnggaaanc	600
cnnttagggg	ttttanangc	ttnnngaacc	ccnnccccgg	gntctttgtt	gncccccgat	660
atgnggggnn	aaaaccgggt	tcaaaaaaag	ntcnaacttt	gggggttnant	ttaaaatttt	720
nggggnccct	tttggangta	accctgngna	aggtgcatan	atattgggcc	gggaantttt	780
ttnggtgggg	ggccancctt	nggngggctn	ncatttanaa	atggcttaaa	naaaanttta	840
accnccaann	antcnnatnn	ncnanaaaacn	ncnttccngn	acaanactcc	cttnnaaanc	900
nnccnnntcn	aatggtcaaa	aantnttcaa	ggancnggnt	tanaan		946

<210> 4392

<211> 721

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(721)
<223> n = A,T,C or G

<400> 4392
caaatcnntg gctcttgttc tttttgcagg atcccatcga ttcgaattcg gcacgaggtt 60
ggcttgggtg ggatgcaggt tgctctcaag gaggatctgg atgccctcaa ggaaaaattt 120
cgaacaatgg aatctaata gaaaagctca ttccaagaaa tccccaaact taatgaagaa 180
ctactcagca agcaaaaaca acttgagaag attgaatctg gagagatggg tttgaacaaa 240
gtctggataa acatcacaga aatgaataag cagattttctc tgttgacttc tgcagtgaac 300
cacctcaaag ccaatgttaa gtcagctgca gacttgatta gcctgcctac cactgtagag 360
ggacttcaga agagtgtagc ttccattggc aatactttaa acagcgtcca tcttgctgtg 420
gaagcactac agaaaactgt ggatgaacac aagaaaacga tggaattctg cagagtgata 480
tgaatcanca cttctttgaa ggagacttct gggaagcaac ccngatcatt tccgcacctt 540
nagccn catt tagaactttg acnattaataa cccccagtg gaaatttgaa ccagatgggt 600
gatananctg ccacttttga aaagacaagt ctttgggtca antcnccanc ngaccngntn 660
ccgtaaaaat ccaaagcttt nnggaaagaa gaattntnn aaattcttag ggnttccaac 720
c 721

<210> 4393
<211> 1102
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1102)
<223> n = A,T,C or G

<400> 4393
gggggggngn nngggggng nnggnncng ggggncngga gggggnnnnn gggcaggngg 60
agggtnaanc cggtnnggnc nnnngnncnc ctagngaacc ctgggaaann cccgnagcag 120
gnccaacgaa gcgaaggcgg cagcagaagn ggaccaacgg gccancnggc nnggttnntg 180
gggccaaagac gggggancnc cncnnggcng gggggggnaa ggaggggcn nccngggggg 240
nagggnaaaa aaancncnc agngggnaaa gggannnggg ggnanggggg ncnnggggaa 300
cnnagaggaa ganaaggggg gcgggcnana nggggngnan aggggnnagg gggggnncng 360
nncgcncggg annannnnn ngaggagacg cccgnggggg naggggaaag cagaaggggg 420
nngcngnca ngggggganc angggggnga ccccggang ggccnggagg gggcgnaaaa 480
cngnggggcc ccngggnggn ccngggggag nngaganccg aagnggan nncagnaagg 540
aggngngnnc gngnggggg ggnnnaaagn ncagggagcc cngnnngnna ggnngccng 600
ggggccnggg gganagggcc gacnagngg gggncangng nngggggng gnnngcnnnn 660
gngcaggngg cgangcang gnnagcngg ggagggcag gggngnang ggggcgaggc 720
ngngggggag ngncgcgagg nngannnggg gggggngaa gggngncgg ggnancnggg 780
ggngnggggn nagggnggg ngcgngggg cggcggnag gnnngnngnn ggggagggga 840
ggannngggc gggagngnn ccgnnnggc ganngnngan gngcgggang gnnngcgagg 900
cgngnggggn cgcggnggn ngnggganng gggngagng gcgngggggc ggancgggg 960
gcnggagang aggagngnn ngnggggggn ggcggnggn gcngagagg nggncacana 1020
ancgcggng gngngngcg gccgggggga nagnngggg aggnagnngn ggangcgca 1080
ggngngggng ggagggngn cg 1102

<210> 4394
<211> 762
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature

<222> (1)...(762)

<223> n = A,T,C or G

<400> 4394

cnacangnga	cnngnnntgg	nactcgctct	ttcccnggca	tcctgnaga	canagatgnn	60
naaggggaag	angntngaaa	accaggntaa	aantttttan	gagaaaggca	gaggatgctc	120
aagggnaann	aganggaaat	nnagtnnacc	ncnntnncgg	nantggncnn	tatgnnnaan	180
ncnncgnata	annngntctn	tntgnngaag	acagatccca	gccttggatg	gcttgatagn	240
cgatggatgg	aaancgatnn	gggncattht	aaanaggcct	nnangttaca	ttcnnagnat	300
atnnntaaga	gatagngnat	ncaaaactntg	atgaangtgg	tgatgcagga	ctgaagcatg	360
gtccactaca	atgaancttt	nttccnntng	gncaanggna	tggnatgatga	ttccatcnca	420
gaggatgntn	ctgnaccaga	ggngcctccc	attntcgctn	cnaactgccc	taactanccc	480
atantgagnt	aacatgtccc	ttcatnttgt	tacgtctatn	nagacaaatg	ctttntcttt	540
nncttgcttg	accnatactt	gncttnccnt	tcagntaant	nnagaacaca	ttnttancnn	600
tcnntggcca	tannngttct	aacttnaaac	cattttacct	nttaaatttt	gtgattatag	660
tnnngtgnnn	tnctaaagg	naanaagatt	gcctttcaac	ttttngagg	ggaatttcgn	720
gnttgngtaa	antnattht	tcctaatctt	ttgaattttt	an		762

<210> 4395

<211> 578

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(578)

<223> n = A,T,C or G

<400> 4395

gcncgncgaa	nnannacng	nnanngccc	gnngaannan	gcncnnngan	nnccgaaann	60
aagangnnnn	nnannnnnn	nnnnnnnnnn	nnnnaaacct	tgaaanccgc	cgnnngnng	120
ncnctcggt	tcgcanaana	cacaangggg	aggaagggnn	gncaannccg	gttggggtn	180
aaggggaaaa	ggacacgaac	nnnggntaan	ggagcaaga	nttacacggg	cganggganc	240
cgagccngtc	ccctttggag	annatcccn	anaaaanatn	ganagnngnc	ngnggggng	300
nnacaggaca	cgaccgcgg	naancnngga	antggccttn	ngccggcaan	tcagaaacta	360
anggggggnc	aangcagga	gnnnacaang	ncgnngang	nggcagnnna	gccagagana	420
mntgacagaa	gagncgggc	ngtgccggca	ncnngnagaa	aannngccan	anccaggagg	480
cccgnactng	gngnaaccca	cgnaaccnnc	ggaggnacga	ggnganagga	acacnggggn	540
gnngganacg	gagggcnnga	gggnnacaag	gnanagcn			578

<210> 4396

<211> 898

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(898)

<223> n = A,T,C or G

<400> 4396

tnncccttct	aatgccttgg	atagttgctt	ncnatngctg	gctacttgnt	cttntgtagg	60
atcccgngcn	ngatnnttat	gactgnnccn	ntnnnggcng	atcctttgcn	ngnttacnct	120
ngtanaccng	tngcngcggn	cgnnngaaan	cgctctggga	ancagataan	acngctgcnn	180
ggctnggagt	gnncaccgg	tacacantnt	ttatntannn	ggccanctnc	cactgatgaa	240
catatantcn	gagtgactgc	tgaaatagcc	tttttggtat	gaacgcccac	gacagtncat	300
tangtntcnc	ttntatcatg	ctttctntac	tggnatgagc	ttcactgaac	ggcgtgaaaa	360
acttggana	tnnatnggac	atgctgtaan	atnggacata	natttttata	cggaactt	420
naagtgnca	cagttgaaag	ccataatggc	atcccataga	gaggtntttt	tgaacttttg	480
gatgctttat	tgnnccaaag	aaagatncag	atttacctga	aancttggtg	gttnggaca	540
cctttntgnt	ttntaagcct	nttgaacaan	tttttaanac	ntttgacntt	tttnaaaaac	600

nttgncttac	cnagnggtna	cnanngaana	atggccttcc	angggaaatt	tctccnggg	660
tttccccngg	aaaaaanant	tncnnccag	ggttttttgg	aggggattcc	aaagtntttt	720
ntaanancng	gggggtttnc	naaaaaaat	gggggcnca	atnggntttt	aganggggaa	780
caaaaccnnt	cnnaagccct	tttntcnaa	ntntcnnct	ttngtaaaan	gncttccana	840
ttatttcttt	tnnctanggg	ttttctttt	ttgnaaaana	aaaatannnc	ttttttnt	898

<210> 4397
 <211> 769
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(769)
 <223> n = A,T,C or G

<400> 4397						
gcttaccctt	ttctatttct	tggtatgtct	tncattgtgc	angatcccan	cnntcnaatt	60
cggcagcagc	agagctgtga	tctgccccca	tgtattctga	cccccaaact	ggctctcaac	120
catgttnaca	tgatgaaaag	aagaggtgac	tggtgtatca	gctctaaagg	cctcactttt	180
gggtgaaatg	gacctaaatt	ngatngcnta	cttnatttct	tgcnctcnat	actganntng	240
gcactttata	atttnaatac	tattgaactt	tcaccatanc	cctgtcctat	aaagttgact	300
tgcaaatgan	gaaactctat	ctcttcaata	ttatgnacta	tatccaagag	tcacaactag	360
tgagaaaagg	acangntcta	actaccaatg	ngaggctgtg	tcttcacacc	aattcaacag	420
agtatcttgt	aaatgntgag	aggagaggta	ctttaagtca	tggtgtctta	tcatangtgc	480
ttnacaaaac	nnnttgacaa	ctgattgggc	cttgagggtat	gaatggantt	agccaggcna	540
ttnaattcga	aatncgaagc	ttcaangaca	gatttantaa	cnctttgnga	gnagttgaaa	600
tgagcaaga	tggttacgca	anttgntact	gnccatggg	aattttacca	aagttgtgna	660
attgnagnna	antgctnatg	gaaaccttga	aaggatntng	ctttgnggcn	cacgcttgaa	720
cnaangnctt	cggantgcnt	annaaaaagc	ccnaatgcnn	ntccancnn		769

<210> 4398
 <211> 1466
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1466)
 <223> n = A,T,C or G

<400> 4398						
cnncntcaat	nanntanntn	nnancantta	cactncance	nctataatna	atacatatcg	60
ggggatntta	tctncctcc	antancnttn	tactnctccc	cattatntct	nttcnccata	120
catattctnn	taanctnnat	ntanatcttc	aantataata	ncnacccaat	ctatnactac	180
nnntacttna	antctccact	nttncgnent	nccannccnn	tnatattatn	ccnatttna	240
cttnnccncc	nttanacctc	ttcntttacn	ttaaactcat	anctcattnt	naanannatc	300
ntcnttctna	tctcaaaten	nttcnnnaac	ttcattttcta	tttnnatact	tttcnccata	360
ancttcantt	atnaatcaan	atnnnctttt	tnntanctcn	tnntatntnn	cattntcctn	420
ccantantan	ctntnttaan	acattencnt	ntctatcacn	nctnaacctt	tnntantnta	480
cntnttatct	ctnctntctn	tctactcac	tatacnctca	ncatatactc	tacnanatat	540
acattatctt	cntnccatct	cacattnatc	taatntctca	nnnaatatnt	tncaactcca	600
ctntctantc	tatttanctn	tcantncttc	tccctctctt	ntntcttann	tccttnccat	660
ntctctcann	ctnctcntca	tatgatcact	ntgnggttct	atatentatn	canactcaca	720
tcgatttact	nacmntanan	accctantnc	tataactat	ntaatnttca	tcatatntcc	780
aatattcnta	aaccnncaat	tactcccaat	antatnttnt	cctactttta	naatgactng	840
gtaatcatna	cttaataactn	ttttctcatn	accatnttac	cnntactnt	nactctcttt	900
atcatcatnt	ncnttanatt	tcantcatac	ttngtaattn	ttnttttcnc	antatatnaa	960
nttatcnaat	tttaccgtct	acacatacnt	cattatcatc	tatctctcac	tatacttncn	1020
tactnatntc	ttatctatcn	atnctatata	tnnnacatc	nctnccnna	tnccactcc	1080
nttccttcac	natanaactt	ntatcttaca	tctctatata	tacnctact	catttatcaa	1140

ctctntcana	acannnnntnn	tnntntantc	tannannccn	tatttnatac	ntanacatag	1200
actntcacnn	aatntctcnt	tatcactntn	tatannatac	actntttcta	tacntacttn	1260
nttctncata	tnatcnccta	natnntttatc	cantanttnn	tnncncnat	tnnaaanant	1320
tacagcancn	aaataaatnt	ttattnttct	accttnttna	tcttgtnccct	tccttnanaa	1380
tttaattnnc	tnnctnctct	tnaaactnca	cccntatcac	cctntcnttc	ccatnntnna	1440
tcattacaat	cattnnacta	actanc				1466

<210> 4399
 <211> 741
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(741)
 <223> n = A,T,C or G

<400> 4399						
gnntaatgcc	tttcnattgc	ttggctctcg	atcttttctgc	aggatcccat	cgattcggtc	60
ctacccaaac	ctgtggccgc	cacttttgaa	ttctcagatt	gccctgaatt	ttgccacttt	120
taaataatgt	gctgaataag	ctcagcaact	aaaaaccatt	acccaagaac	gtttcttggtg	180
agtgagctga	tttattctga	ttcattatat	tccttttggt	agattttata	ccccttgggg	240
aaataatata	acaaaaacat	ctcttaaaaa	tgctgggatg	gggccatata	tactagcaga	300
ggccagatgg	tcagatatga	tttctgcaaa	cccatcttga	ccttgagtat	gtgaaggggt	360
actgtacttt	attcctgata	catttttggt	tccatgtagg	tggtgagctc	ctggntttct	420
gtgtttggat	gatgaagatt	tggacccttc	cattcataat	ccctttctaa	gtgaaggag	480
aggctggctt	ggctgntcct	tgntattccg	aaagccctgg	tttggggccc	atgttcacac	540
tggctctcag	tctagtacag	tgcaatgttc	ttgagaggtg	gggacctaat	tattaccaga	600
gtagcancaa	gagaggaaac	gttgtgaatt	aagtattcaa	ttnaaaaagg	aacatgattt	660
ctacctgaaa	aaangnanan	gnncctnnc	tgattanctt	cntaatcctt	nnnnatnnaa	720
ncnntcctna	annantttaa	t				741

<210> 4400
 <211> 768
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(768)
 <223> n = A,T,C or G

<400> 4400						
tnnmttcngt	tnactcggtt	ganttcctat	acaagctact	tggtcttttt	gcaggatccc	60
atcgattcga	attcggcacg	aggcctgatt	gaggaagaga	acatgctggc	accatctctg	120
aagcagtttt	ncctacgagt	ggagatttgc	catcctacat	tccagtgagg	gttgctgaaa	180
aaatcctatt	tggtggagaa	tctgccagat	gtttgagaat	caaaatgtga	acctgactag	240
aaaaggatcc	attttgaaaa	accaggaaga	cacttttgct	gcagagctgc	acccgtctca	300
aacagcagcc	actcttcaac	ttggtggact	ttgaacaggt	ggtgggatcg	cattcgacgc	360
actgtggtcg	agcatctctg	gaagttgatg	gtagaaagaa	tccgatttac	tgggtcagct	420
gaagatcatt	aaagactttt	accttctggg	acgtggagaa	ctgttcaggc	cttcattgac	480
acaactcaca	catgttgaaa	acaccacca	ctgcagtaac	tgagcatgat	gtgaatgtgg	540
cctttcaaca	gtcagcacac	aaggtattgc	tagatgatga	caaccttctc	ctctgttgca	600
ctttgacaat	cgagtntcac	cggaaaangga	gcacaaagat	gctnctcang	caagaanaag	660
ggccttctcg	ggaaacttct	tnccccggga	aagccctgc	antcttggct	gggcagccct	720
angtcttttc	ttacaaaagt	acaagtgggc	ccccncncnt	ttttanct		768

<210> 4401
 <211> 463
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(463)
 <223> n = A,T,C or G

```
<400> 4401
tttcatnntt tacaagctac ttgtnccaag atcccatcga ttcgaattcg gcacgaggct    60
agaagtccaa cgggagacnn attatnncca tngnanactt ncggaacctc gggttctgag    120
tngtgctctc ctcaactgcn cgggtgagcc ttannccctg gnttggtgcn naannanacc    180
tnngtttant nngntncncc nnnnncntct taaanncnta nnnmntnnag ngctntaaan    240
cccangtgag ctnatnaanc aanaattgga gcgnattgca tcccngacta gngcggatga    300
actntntaca gatgaccnat catncttctc tgagccaang ngganaacnc tgccgctata    360
gacnttggn atnactcnnn nttgacatna gannatnnnc taacnntnch aanattncta    420
ggcnntccgn ttctcangnn ttatntttaa canctgnttc atg                      463
```

<210> 4402
 <211> 773
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(773)
 <223> n = A,T,C or G

```
<400> 4402
aaacatcttg aaccggtttg antnctata caaactnctg gatgnttgng cnggatccca    60
tcganncnaa tncggcncga gggcatagtc agaccntgtn tnaaaaataa tnatnatnan    120
nnaaccagtg gtggggtgat tcctttngat tactattatn ttgttctcag aacaattgat    180
ttnantttta tagactttct agcccttata taataatnct gagtnctcng ccnncataa    240
aaanctggaa aannnctgat cnagaaanaa nnggtactac tntgangaat ntttangact    300
atnatactga gtncaatatg naacacaatt cngcgtnnct ncctnngatg anncntaaaa    360
tatttgaaaa ttgattgna tnaaanagca tnttgatac cnggaganac tnatgntcnn    420
gacattanga catnctgnt gnnngangct cccgctnnna ggaagccant ntccnnaa    480
actaccttgn taatataacc gggancgggc tttngnacct gccattntat tgatnanatt    540
naatgttnat atncnggaaa aaannggctc atgcccgtga atgtggggtg catnacaagg    600
gaaaagtgtt ctggngcggt atnacttctg gnnanaactc angttctnnc ggactnggat    660
ntaatncnct ccctttgcta ggtttctctc cagganncng nttcnaaagg cgaatcaa    720
gccngccaac atttcaaatt ttnaaganng gggnnccnch aaaaaaaaaa aat          773
```

<210> 4403
 <211> 777
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(777)
 <223> n = A,T,C or G

```
<400> 4403
ttcnantctt ttctaaatnn cnggtcttgn tctttctgca ggatcccatg cgattcgtgc    60
tattgtaata ataacaataa agagaaatta gaagtgggnn tcagggtaga aaaaaatgca    120
aaggccttgg tccctaggag accaactctc cagctgagct ggccttagcc ccagcccctt    180
ctaatttctc ttattgnta ttattattat tttctctgct attgtaatat ttttttgta    240
attaaatgtt ttggtcaaaa aaaaaaaaaa aaaaaanaaa aaaaaaaac tcgagcctct    300
anaactntag tgagtcgtat tacctgtagat ccagacatga taagatacat tgatgagttt    360
ggacaaacca caactagaat gcagtgaata aaatgcttta tttgtgaaat ttgngatgct    420
attgctttat ttgtaaccat tataagctgc antaaacaag ttaacancaa caattgcatt    480
cattttatgt ttcagggtca gggggagggtg tgggagggtt tttaattccc ggcccgcggc    540
```

gccaatgcat	tgggcccggg	cccacctttt	gttcccttta	gtgagggggt	aaattccccc	600
cttggcgtaa	tcatgggcat	tagctgttnc	ctgnngggaaa	ttgnttttcc	ngtnacaatt	660
ccacacaacn	taccaacccg	ggagcataaa	ngtggttaaaa	ccctgggggg	cctaatagaag	720
tggancttac	ttccnattaa	ttnmcgttgc	gcctcctggc	ccnnttncna	gtcggga	777

<210> 4404
 <211> 863
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(863)
 <223> n = A,T,C or G

<400> 4404						60
ccnnactttt	cnattangtg	nagccctcgc	ccanananat	tggcntgggc	tnaacgnana	120
ttatcttctn	acnnatannt	gtgtgcctat	tttttcataa	ttcttnanncn	nangncttnt	180
tntaantggt	ccgctagncc	anannntgcg	ctaacanatc	agggcgccac	tggtgncgga	240
tnacnactgc	nattngngcn	ctntnncatt	ncnnaattgc	gcntntnaaa	tcngatcggn	300
tcacatgaan	atnanaacgt	atatnatnnn	cnaacttgag	atcttcnttc	acgggnnctc	360
tnnnacngct	tnatgactcn	tggtnacagc	nccacggntc	atcangcccc	canngaaatg	420
ngactantcn	cntggancnn	nntgnaacac	ctgnccttca	cangtnactg	atnaaggctn	480
anctgntcan	gacanncntt	aancccttncn	gcttcngtnc	tggaaccaga	aggantnttn	540
nnaaanggnt	cgatnacncc	ctantagtct	tacctactgc	anccatcact	ggaancatgc	600
taatanggtc	atgtggtcag	tgtaancntn	atcaatngaa	acncccnncn	annttnnccn	660
ntnancctcaa	cctaaatant	cnncttttta	aataantnca	cnncaatggt	nnaaactanc	720
ctannaatng	gcngttcccc	tngaagcctt	ccttctcnaa	gcntgcacac	nttcntntng	780
nancccnann	ntttaccctn	tcggnatccn	cntgggcntt	ncctttattn	atccacctat	840
nggcttcccc	aaagaacntn	ctnngnnnca	atcatccttg	ggannacttc	ctcctntngg	863
nnaataacgg	cgcaaaaantt	nct				

<210> 4405
 <211> 424
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(424)
 <223> n = A,T,C or G

<400> 4405						60
ccntcgaatt	cnnmcgagga	gaaaagctnt	cangttanct	gtttggctta	taagggaaac	120
ctgcagtcct	ttctgaaagg	ggagctgtga	atatgactgc	ttttagataa	gatgtcttag	180
gattctgggt	gaaaattttt	aattccccctc	atgtaggaat	gtcacagagt	gtaccttttt	240
gacttagtat	tttcttagta	aaatacacct	ttcttaagaa	aatggctaca	aagtcagatg	300
catgtaaatg	ctttcagcaa	gggtttattg	atcatctgct	ttaggctggg	ctctatgtta	360
ggtgcctgtg	gattccattn	tagtacctgt	gttctcatag	aattgaatcc	tgntccccca	420
tatgactttt	gatgatattc	acactgttaa	ttccaataaa	gacagagtag	acaaacagaa	424
actg						

<210> 4406
 <211> 739
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(739)
 <223> n = A,T,C or G


```

<400> 4406
gnntcaatgc tnttctctng ttctttntgc aggatttcat nnctcgnat tcggcacgag      60
agaaaaacaa cagagagaaa aagaatcctg agaatatgta gaagctttac gagcccaaat      120
ccaggagaaa atgcagctgt ataataattac ttacctcca ctatgctgtt gtggctctga      180
tttttgggat gctcatcctg atacctgtgc caacaactgt attttctata aaaaccacag      240
agcatatact cgggcactac attcattcat caattcctgt gatgtccctg ggggtaattc      300
aactcttcga gtcgcaattc ataattttgc ttctgcacac aggcggactt tgaaaaatct      360
ataataagaa tctgaaatta actggtagta ttttggcttt tacttaaaat catccctgag      420
agagtattta agaaaagctg ttcaagtatt aaaatatata atctggaaag aaatactgnc      480
tcatataata attagattgg aatcattggt ttaatctctg tctgggaacc aagattgaaa      540
gctgacttac ttctctcttc tgncttgtga accataccgg agcctattat ttttaaaata      600
tgatcagaca agtaaggctt ctcttacttt tgctctgctc tggatcagga agancctcat      660
ggtgaagtct ttgagantct cttattaatc atctttctta aactgngttt ttgagcctga      720
cagtactgaa aangctggg      739

```

<210> 4407

<211> 784

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(784)

<223> n = A,T,C or G

<400> 4407

```

cntcagcggc cntgnatcca aagntggggg cgngcgnacg anctgcgagc ctgccttacg      60
aggccgcaag ccccttttgc caccctcggn gncngnncgt tccggccggt ttggngggcat      120
cancgnccg ncatggcagt gaacgncnng caggcnccag ccacngcctg gggctanaga      180
ttaaattgac nccccnagac ccggcattat caggagnngc tangannctt nctgcatnct      240
cggnaaacta gcataagcca aagactcgcc atgcagaant attagcanat agctgcgctc      300
gataaaggaa ngaggagnta aanaatnaac tagtgaaaac aaggagatg gtggctttat      360
cgtgggttag agctntngan ctatgatgtc atcggctaga tactatgtga aatatcttac      420
tacnnttann catgcnaatn agantgagna agnctnngac caagccccct ttaatgagnn      480
caagaaaaac tcttggctgg tagaggaaaag nnaatcnagc tanaactcgg tgcacgaata      540
tgngntcata tccaggcaaa ccgggagnnt gttgtaaacy gtcaggacca atggnaaccc      600
ctttttnccct ctgggggcct tnngttggcc aagggaacgc aattaaggaa ccttaaatgc      660
nnantagnnc cncnaatttc ccggnccatg gaaannccaa ttgnccngga ntgnccccct      720
tnngnccctg cctcncccca aaaggggggtt tgnccaccaa ngtnngnttg ggaaaaacaat      780
tccg      784

```

<210> 4408

<211> 1327

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1327)

<223> n = A,T,C or G

<400> 4408

```

gnnnngttnc tntctttnaa accnttgctc tngttctttt tgcaggcatc ccatcgattc      60
gaattcggca cgaggggcnr tgtctgcttg cngcntgnan acgatnngtt tgatcntctn      120
tnaactannn acttncnnng ttngncttat tgcagttntc atcnaacgct aacantgtng      180
tctctatnan natnttatga agnacatatc tacgcttnat gancantntn tgtcanaann      240
ggncanancc tatgtcgtgn gcnttntttg ncaattnnan aanangagct nanggatcna      300
ncgatgtgaa agnacagctn tactctgaan acatgctcnt cnnntngna tgtccnnnta      360
cntancnaac gaaatattcc nntaaagacc nganntnata tggacataca agaanngtnc      420
ttcaaaaagg tcccttantn nanagttntt ncncnggttt gactaccttg tagntaattt      480

```

actaggaatt	cttggtaatc	gaaatccaac	ttncgcgcnn	ggaactcggt	gngntcnant	540
antnataaag	tggngngnng	gaaancctgg	nantaaangn	naaccctggn	cattggtngg	600
accattgng	aattnacttt	tatcccaagt	tnggaccnc	ttttacccc	anttgccecn	660
ttgtgngctt	ttgccccaa	aaattccccc	ctntcccat	aacncgttaa	nccaaatttt	720
tccgccggtt	aacaataaat	ttttttntan	ccctnaaata	ccnnggggtt	tccttaaaaa	780
ncgctcnatn	cctnaanttn	ccntttgaaa	tttccctttn	cncttctggg	gccnttantt	840
tgaacccena	naanttnaac	ttggnccttc	cncgngttaa	antcnaacan	natttgcctt	900
tactanana	aaatctccta	cctnttggtt	ncttcaanat	ttttgaacnt	taatctnnat	960
tttanannna	nttaaataaa	ctgtaatcnt	tggaaannta	ctntgnnncc	cnaaattccn	1020
ttatacacat	nggtnttttn	atgnnaccaa	acttttgagn	aaccgcatng	tcttataacc	1080
cncnaaattt	cttccgtacc	nccgggggtt	cttcaatctt	tacctcaaan	gnngaancgt	1140
tttcccttgn	tttcttacnn	atacggctnc	gtttctctnc	tatttttant	ccanctaatt	1200
gtaattcacn	tttttccgga	ntcttcttga	cctatntnac	ntctcttcan	atctccccct	1260
aaagtcctna	atctcnaact	tccaattntt	acccccanta	tcaatgtttt	ccaatccctt	1320
nnttcnt						1327

<210> 4409

<211> 1267

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1267)

<223> n = A,T,C or G

<400> 4409

ggcttctacn	nnaannngtn	ggaaactcan	ncgctcgann	gcgcnnngga	ngcnnctaga	60
tcacacggac	ngctaccanc	gagnagggtt	ttnttnacca	naatcangac	ctaaatgcac	120
ggntntatgt	accctgncca	ccatctngtg	cctctttatc	attngcctct	tcntcctat	180
ntcccttgcg	ttaaggaana	aaaatggtgn	cacaatttgt	caaaagtnat	tttaanngna	240
aanccntnnc	atganagna	ccntgnantt	caanncgct	nnaannnnnc	tnctnnncca	300
nngnggaent	ngnnntcnn	aaccctnact	ntnnntcnn	gannncnna	nnnccnatat	360
cntnncnnga	gttnaatnnc	annncananc	ttntntann	nnngaannan	gnnaaattga	420
nnncttgtn	cgganntanc	ntcangatcc	cannannant	nccgancgna	anttctatna	480
antntnncan	caccanattc	ngtcganacn	ncnncgctnn	ncngcacnat	ncaactgann	540
tnnancnnna	gncnnactg	nanntacnng	anctacnagc	getgacnntn	cntntccnng	600
cnnngcnngt	ncngtanatc	ncncnatcat	ntnagatntc	nnttnnatnt	acnnatntnn	660
antntcgana	ntgnntcagc	gancntatat	nngnganncn	acctanagng	cacannacan	720
ntcnaacga	nacactnctc	ncagnnatnt	tcngncgtnc	tctgntgagn	cnctacacnn	780
ngnncacnnc	tnancagag	taatencaca	ctgtaatcnn	tataccanaa	ntctnecgtac	840
gcanancnnc	cnnanagcat	cncntgtctg	acgttnacnc	atntcnacat	ntcngcacgt	900
ncatntntca	ntancncnaa	tnctntatgn	nctanngttc	natcttatat	atnntnnttg	960
atatgnntnt	ncgntancan	acacgnacng	ngnacanaca	ncncactnna	nnnangannc	1020
acncancnnc	tnangncann	nttngnnnnc	tcgcnananc	gtagnatacg	ntactcagng	1080
cntancacnc	ganncgcgan	tatctcncaa	nanactnnnc	gctnnhannt	atcactntct	1140
cntacatcga	ntctcngcng	atctacncgc	tcagtnncnn	ctgannnnat	atnagnatcn	1200
ctcncatnga	tnanantann	aanactggn	ncnnacnaacg	ngtncgcnta	naagtaganc	1260
gnnctcg						1267

<210> 4410

<211> 462

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(462)

<223> n = A,T,C or G

<400> 4410

tgngactntt	tgaactcctg	ttctttttgc	aggatcccat	cgattcgatn	atgnnnncan	60
ncactntgan	ngtnnattta	tnnntttctc	cnattccnna	actaatggga	nnccggtgct	120
ggtatngann	cttggggaaa	atacctggag	ataccagtgc	agctattnaa	agctgnagca	180
agggctgcaa	tcttgcgag	attttaaaga	gaagnttaa	agtttcta	actgatgcct	240
ctttttggtg	aatacaagtt	ttatnaatcc	tgccctggga	tcctgattcc	ccattaatca	300
agatttgtca	gacttcacct	tctataatta	gaaaacacag	ttataagaac	agtcaatttt	360
ttaaattttc	caaattaaaa	aattgcacca	tgattttgaa	caagcacttc	caattncatt	420
acccatcttg	tatgccatag	gtgggagtat	aattgncaca	gc		462

<210> 4411
 <211> 765
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(765)
 <223> n = A,T,C or G

<400> 4411						
tnnnnttttn	aannttttcc	taatgctggt	ctcgttcttt	ccgcaggatc	ccatcgattc	60
gtttgtgctt	tttaagaata	tttttagact	atttcttttt	ataggggctt	tgctgaattc	120
taacattaaa	tcacagccca	aaatttgatg	gactaattat	tattttaaaa	tatatgaaga	180
caataattct	acatgttgtc	ttaagatgga	aatacagtta	tttcatcttt	tattcaagga	240
agttttaact	ttaatacagc	tcagtaaatg	gcttcttcta	gaatgtaaag	ttatgtattt	300
aaagttgtat	cttgacacag	gaaatgggaa	aaaacttaaa	aattaatatg	gtgtattttt	360
ccaaatgaaa	aatctcaatt	gaaagctttt	aaaatgtaga	aacttaaaaca	caccttcctg	420
tggaggctga	gatgaaaact	agggtcatt	ttcctgacat	ttgtttattt	tttgggaagag	480
acaaagattt	cttctgcact	ctgagcccat	agggtctcaga	gagttaatat	gagtattttt	540
gggctattgc	ataaggagcc	actgctgcca	ccacttttgg	attttatggg	angctccttc	600
atcgaatgct	aaacctttga	gtagaagtct	ncctggatca	cataccaggt	cagggaggat	660
ctgntcttcc	tctacgttta	tcctggcatg	tgctagggta	aacgaaggcn	taataagcca	720
tggctgacct	ttggagcacc	agtgccagga	cttgtcttca	tgtgt		765

<210> 4412
 <211> 754
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(754)
 <223> n = A,T,C or G

<400> 4412						
gnnttnantt	nnnttcctt	tcaaatnctt	ggctacttgt	tctttntgca	gggatcccat	60
cgattcgaat	tcggcacgag	ggaacctact	agatggacag	gctgaggtgt	ttggcagtga	120
tgatgaccac	attcagntng	tgcanaaaaa	gccaccacgt	gagaatggcc	ataagcagat	180
aagtagcagt	tcaactggat	gtctctcttc	tncaaagtct	acagtacaaa	gccctaagca	240
tgagtggaaa	atcgttgctt	canaaaagac	ttcnaataac	acttacttgt	gcctggctgt	300
gctggatggn	ntattctgtg	tcatttttct	tcattgggana	aacagcccan	anagctcacc	360
aacangtnt	ncaaaaactaa	gtaagagtgt	aagcttttag	atgcaanatg	atgagctnat	420
cnaaangccc	atgtctccta	tgcatgacgc	acgatctggt	ctgggaacag	cananatgaa	480
tggcaaaact	atagctgcan	gtggctataa	cagagaggaa	tgtcttcgaa	cagttgaatg	540
ctataattca	catacagatc	actggtcctt	tcttgctccc	atgagaacac	caagagcccg	600
atttcaaagt	gctgtactca	tgggccagct	tttatgtggt	acgtggatca	aatgggccac	660
tnaaattgac	ctgaagtggg	ggancagatt	aatgaattca	aaccatagna	tgactggggt	720
cctgtttcag	aatttgagaa	ctaaccggg	tgtn			754

<210> 4413
 <211> 1119

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1119)
<223> n = A,T,C or G

<400> 4413
ncncacnnnn cantnntcna nanccannnc caannccetca cncnnnnnan nntctcnaaa 60
ccanccnnnc gnctnnncnat nacncaangg naaggggcan nnngattcta gttttntnn 120
anttttttga aaggecnttt cnagagtcnc ttggcaagcn gcttctacca gangaattcg 180
gcacgagaat nntccngtat ntgnctcttc naccctagaa tnacttatan acgtataann 240
tannntcna aatactnaca ggtntnaaaa taangntnat caantactaa ttttaattctg 300
tttcatcana aagcacgacc atcgtggcat ngaaacttga gttatagcct actatcanga 360
tcaatntaaa aaatatatat ntagggctgg ntgcacgtgg tgcacatctg taancccaag 420
tgctttggga ggctgaggng ggtgaatcac ctgaangtca cganttcaag accaacctgg 480
tcaacatgac nataacccca tncctacaac aaaaatgtaa caaattagcn acgngttggn 540
nacacacacc ntatcactct acntncaatn gggggcccga atncngtnga anaatccgcc 600
tntgatctct tnagnaaaca tncaaangcc tgctncanaa gctaatacat cattgccna 660
cctggaactt ccaatccntn atngcnaaic ancaatctac ncaccacntg gtcccntaat 720
atacgaaca nactcacatc ngactatctn aanantncca nagnataan ggnnacantn 780
acnccancan ntttncaanc nntgccnaaa nanatacccn acaacaatnt ctagnacant 840
atnnacnnnc ntttacncat ncncncacat ntnncccaaa ctcnantaca cntccntcac 900
actntcactc ctctctactn tnnncnaaaa anactcntcc gnaaccctc cntnnantat 960
acctcatnta taccnnanna atctcctaac attttaccat ntctcntnat ncccnnaaa 1020
cactttnnct naacnncntc tcnanataac gnaanntana nctctcnang atntccaaaa 1080
nactncacna aattttgtcg caaaaangtn ntntnacc 1119

<210> 4414
<211> 788
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(788)
<223> n = A,T,C or G

<400> 4414
gntttntttc ntttnctttt caaatccctg gctactttta attnctgcag gatcccatcg 60
attcgntttt ggcnncnangn ggatntggct tntgnggaat nggatnnna gctggctgat 120
gacgncanc ggataganan actgnagnan ccntgctcnt tgnagnncag tgctgtttan 180
gaanangate tcatngtntg nnttgannct ctgnatggan ccanggcgtt taccnaaant 240
attntngaca ntgtgacacn tcattattgg aatngantat gannnanatg ncatagcang 300
aganataaac cagcnatatt acaactatct cgcancgacc ngatgctgng ntctggaaga 360
caatntggng agnttttaggt ntagegccgt nnggntttca nctgntanan gaacctgntg 420
ngaaanacat tatcacnnt actcgntcct atngcaacaa gaagnngctg actgtgntgc 480
tgctntgaac tcctatgctg ngctgctagt angatgagca ngnaatanga tnatcagctg 540
annganngcn aagnctctgc ttattgtntg ngcaaagtct ggttgtaagg anntgaggtt 600
actttgcgct ttgggnaagt ncntactana ttnnttnttg ggacngcaan gntttnnccg 660
ggtganccca angngnaant ggnaccttan tnganccnat naanggnntn tcananggca 720
tagtnnanc tgganmaaag gangttncna gnnntttann tncgggaaat nnnngactta 780
ctttttcg 788

<210> 4415
<211> 1411
<212> DNA
<213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(1411)
 <223> n = A,T,C or G

<400> 4415
 ttgtnnnnnn ngtttttttt ggcggtaaaa aaaaanggnt ttttttttgg ggggaaaaaa 60
 nnggggccgt ttggctnnngt ggaaaaaacc cccctttttt ggggggaaac cnnttttcgg 120
 ggngaaanng nncncngnng ggnnngnnngn nnnnggggn nngngagggn nnnnngnnnn 180
 nnnngggnnn ngngntnnngn nnannggngg gngggngnga nttttnttgn nagngggagg 240
 gantttntng gnngtttttt ttgncgncg gggngngntn gggngagngg gggcgagggg 300
 gggnggggnn cngggngnga ganagnaagg nagggngngg angcgtggg tngngggann 360
 gggnnagann aggcgnnatn agngngnggg gnnngganng gggggagngn gggtagnagn 420
 gggngngngn nngngngngg gagggnnngc gnangggacg ncacagnggg ggtcaannng 480
 ngangggann tngggaatgc nggnngggcn cgggggcngn nnggagnggg gntgggacag 540
 ggtgnnngan gccannnagg ggnggggggn ngccgagngc attnggtagc angnnnggcn 600
 nttcgggggg ngccnnnnng tntgacgc gngcgggggg ngngnatnca nggggnnagn 660
 gnggggaang gcncncng tntgggggg gancnntga gggggngnna agnagggggg 720
 ggaagncngc caannngtg ntncngggnn nnangngan nnnngggggg ganngngncg 780
 ggngangggg ggggaaccnn gtannngaga agnccnntgn angntgggag ggnncggnnn 840
 cangggggng gncanggggn gnnaanantg cnnnggggg ngngggaggat ggcnggggag 900
 cntggggana gatgggggan nnnagagcgn ngngngngt tngggggng gngatnnaga 960
 gngtnnnggg gggngggng gggngganng agnganggg gnnaaaagnn anagggctan 1020
 tgggggggg nngannngna aagaggggg ggggggggg ganannngn cgagngngnn 1080
 ggnaaanggg gngnaagggg ngntgnnng gggganagg gggntntnng ngnggtancn 1140
 tngggaannn ggggggggag ngngcagaag nncnggggg gnggtgnaaa angaaantgn 1200
 gggggggman nnacagggg gnannagga ngggggcnc ganagctang gagggggnnn 1260
 nnnngnggtg ngggggngan nggggagaana ggggggggg tngngnaagg ggggggnnaa 1320
 naggggggga nnaaaaagag tnnngggggg nagaannngn aggggggangg gnggagngg 1380
 ggatgggggg ggggnncacn cannaccgcn n 1411

<210> 4416
 <211> 768
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(768)
 <223> n = A,T,C or G

<400> 4416
 gncttttact aatgcttggc tacttgttct ntttgcagga tcccatcgat tcgnattccg 60
 nacanngggc atacttgntg ccttccangn gnactntcac caangtntct ggcgtacanc 120
 gtnnagancn gcntgaccgc acnccatcgt nangngcagn ngtgccttgc tntctgnga 180
 ggggccaagt ncggtntgtc atgcctntga tnccacnact gnnngaagct gatgcangcn 240
 gatnacttna ngtcgatgnt tcnanaccag actngccaac atggtgaaac cntatnttta 300
 ctatanacaa gagtagatcg anngtggng nngcacactt gtaatcnag ntactcnaga 360
 tgctgntgcn naatanttgn tttnactctg gagatngang tngnantgan ccaaaatcgc 420
 nccnctgngc tccaacctgn gngacanagt aagaccctgt ctcataacaa acaaaatata 480
 actcnagcct ntanaactat aggggaagtcn ggattacntn natccngnca tgatanggat 540
 acatcgattg antttgnaca nncnacaact tggattgcag gtgaaaaaaa tgcttntatt 600
 ttgtgaaana ttncagtgc attgctttta tnttgtaacc nattataagc ttgcaaatta 660
 atcatgttta ancaacaacn ngnttgcatt catnttatgt ttcaagtttn aaggnggaac 720
 ggtntnggna aggtttttta antatggcgg tccggcgngg tccaannn 768

<210> 4417
 <211> 782
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(782)
 <223> n = A,T,C or G

<400> 4417

tcnnnctttc	taa	atgcctt	nggnmntccc	tttcta	atng	cttggctact	tgttcttttt	60
gcaggatccc	atcgattcga	attcggcacg	agggacaata	atggccgctt	tcaaggtgtg			120
gattttggct	ccttgagcct	gtctgagcga	ggggtggcag	cgccggcgcc	ccagaatccg			180
ggacagaagg	gtcccaagag	tcgcgcttgg	tgagagaaat	cccagatcct	gtgatggggg			240
acaccagtga	ggatgcctcg	atccatcgat	tggaaggcac	tgatctggac	tgtcagggtg			300
gtggtcttat	ttgcaagtc	aaaagtgcgg	ccagcgagca	gcatgtcttc	aaggctcctg			360
ctccccgccc	ttcattactc	ggactggact	tgctggcttc	ctgaaacgga	gagagcgaga			420
ggagaaggac	gatggggagg	acaagaagaa	gtccaaagtc	tcctcctaca	aggactggga			480
agagagcaag	gatgaccaga	aggatgctga	ggaagagggc	ggtgaccagg	ctggccaaaa			540
tatccgaaaa	gacagacatt	atcgggtctgc	tcgggtagag	actccatccc	atccgggtgg			600
tgtgaaccga	agagtttttg	gaacgcagtc	cggcagaaaa	aaccggaacc	ggcgggaaca			660
tggtgtctat	gcctcgcca	aagaagaaaa	ggattggaan	aaggagaaat	cgcgggatcc			720
nagaactatg	acccgcaaga	agggacnaga	nattaaccgg	gattagaaag	taggcacanc			780
nt								782

<210> 4418

<211> 747

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(747)

<223> n = A,T,C or G

<400> 4418

ggngntttta	tcagctcttg	ttctttttgca	ggatccctcg	attcgaattc	ggcacgaggt	60
gacgggtgaa	gcagatgttg	agtttgctac	tcatagaaga	gctgtggcag	ctatgtccaa	120
agacagggcc	aatatgcagc	acagatatat	agaactcttc	ttgaattcaa	caacaggggc	180
cagcaatggg	gcgtatagca	gccaggtgat	gcaaggcatg	ggggtgtctg	ctgcccaggc	240
cacttacagt	ggcctggaga	gccagtcagt	gagtggtgtg	tacggggccg	gctacagtgg	300
gcagaacagc	atgggtggct	atgactagtt	ttgttaggaa	catttgagtt	acttcaatca	360
ttttcacagg	cagccaacaa	gcaattaaga	gcagttataa	tagaggaagc	tgggggaccc	420
attttgcacc	atgagtttgt	gaaaaatctg	gattaaaaaa	ttacctcttc	agtgttttct	480
catgcaaaat	tttcttctag	catgtgataa	tgagtaaaact	aaaactatatt	tcagcttttc	540
tcaattaaca	ttttggtagt	atacttcaga	gtgatgttat	ctaagtttaa	gtagtttaag	600
tatgtttaa	gtggatcttt	tacaccacat	nacagtgaac	acactgggga	gacctgcttt	660
ttttggaaaa	ctcaaangtg	ctacttcctg	attcaaagaa	atattctcat	gttggtcatt	720
ctagtttata	ttttcattta	aaatcct				747

<210> 4419

<211> 748

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(748)

<223> n = A,T,C or G

<400> 4419

gnntnnttcn	tttcctttca	atncttggct	cttgntcttt	ctgcaggatc	ccatcgattc	60
gaattcggca	cgagcagagc	tgtgatctgc	ccccaggat	tctgaccccc	aaactggctc	120
tcaaccatgt	ttacatgatg	aaaagaagag	gtgactgttg	tatcagctct	aaaggcctca	180
cttttgggtga	aatgggacct	aaatttgatt	gcatacttga	ttacttgctg	tcaatactga	240
aattggcact	tcataatttt	aatactattg	aactttcacc	ataaccctgt	cctataaagt	300

tgacttgcaa	atgaagaaac	tctatctctt	caatattata	aaatatatcc	aagagtcaca	360
actagtgaga	aaaggacagg	atctaactaa	caatgtgagg	ctgtgtcttc	acaccaattc	420
aacagagtat	cttgtaaatg	ttgagaggag	angtacttta	ngtcatgggg	tgtctttcaa	480
taaagtgctt	tagaaaacag	gtgacaactg	attgggcctt	gaagtatgaa	tggatttagc	540
caggcaatta	aataggaaag	cagatactca	agacagatta	aaacagcttt	gagagaagtg	600
aaatgagcaa	gtgtaaagac	aattgatact	gnncatggat	tttagaaagt	gtgaagtggg	660
gtgattgtga	tgaaancttg	gaaagattgc	cttggggccaa	ggctgttgaa	agcttttggt	720
ttgcttanat	taagtcaaat	gccgtann				748

<210> 4420

<211> 748

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(748)

<223> n = A,T,C or G

<400> 4420

gnttnnttcn	tttcctttca	atncttggct	cttgntcttt	ctgcaggatc	ccatcgattc	60
gaattcggca	cgagcagagc	tgtgatctgc	ccccaggat	tctgaccccc	aaactggctc	120
tcaaccatgt	ttacatgatg	aaaagaagag	gtgactgttg	tatcagctct	aaaggcctca	180
cttttggtga	aatgggacct	aaatttgatt	gcatactga	ttacttgctg	tcaatactga	240
aattggcact	tcataatttt	aatactattg	aactttcacc	ataaccctgt	cctataaagt	300
tgacttgcaa	atgaagaaac	tctatctctt	caatattata	aaatatatcc	aagagtcaca	360
actagtgaga	aaaggacagg	atctaactaa	caatgtgagg	ctgtgtcttc	acaccaattc	420
aacagagtat	cttgtaaatg	ttgagaggag	angtacttta	ngtcatgggg	tgtctttcaa	480
taaagtgctt	tagaaaacag	gtgacaactg	attgggcctt	gaagtatgaa	tggatttagc	540
caggcaatta	aataggaaag	cagatactca	agacagatta	aaacagcttt	gagagaagtg	600
aaatgagcaa	gtgtaaagac	aattgatact	gnncatggat	tttagaaagt	gtgaagtggg	660
gtgattgtga	tgaaancttg	gaaagattgc	cttggggccaa	ggctgttgaa	agcttttggt	720
ttgcttanat	taagtcaaat	gccgtann				748

<210> 4421

<211> 1407

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1407)

<223> n = A,T,C or G

<400> 4421

ggnttattcn	ttcctncaaa	tncttggcac	ttttattctg	cggtaccctc	gattcgaatt	60
cggcacgagg	gctanctggc	ctcgtngnac	tattgtatgt	ttgnngncct	gnngncttaa	120
cacttttnng	cagttgtgct	tnanctaagt	ggctaattgn	tttnaanntn	gnngntntcn	180
anttaacntt	ttctttaaat	ttnaaanngn	tnaataaatt	tctntnaatc	nacccttann	240
ngtatatnaa	nnncatanaa	nnnnannnac	tttnanncnt	atthtttnaaa	nnnngacacc	300
tnnngatcaa	tntgntnaan	nttttnatnc	ctanctcnnn	nagnnttttn	nnaanccttc	360
ncctggantt	nttgntcaan	acngaatttt	cnttatctcn	nttgcnnntt	tgngccanca	420
cnnttcntca	ncacctattg	tgncctnngc	gnannatnnt	ttacncntgc	ggttgntatn	480
nacancntnc	tcttgcatng	cgtcattaac	ctntagtgtg	tccacanaga	nataattttt	540
agaggcgtat	ntntnatcat	agngannata	ctntcancnn	aattagtgtc	ttnaatatth	600
tatnctacta	antgatntct	tgnnagngtn	tcatatnnga	tcctaataat	gtntntntat	660
ttttgtaacc	ctattgtgca	nttcncntat	aatatnnggg	anaatttggt	cnncttttat	720
nttctctata	ttanacatnn	atattggggg	nannnttacn	actcnnttat	atnnagaaga	780
nctntactcc	ntatgtnnna	nataananac	tnntatacnc	tatattnnga	annagncacn	840
nnttgggann	gcttttanat	tactncatac	atacatgnat	gtntataann	anngcttncn	900
atatnggcac	naaaatactc	tatatgtntt	tgcnttacna	acancactat	tnnttatcnta	960

cnttattatn	ntnnntnanc	aaccnactc	ntnntatanc	gnctctctnt	ntnctgtctc	1020
mntatnntnt	cgcnnctctn	ttnactntgg	ngnntacnta	ttattagaga	ngngnngatt	1080
tatntctcnt	ctgcgcta	ggantnaca	gtncntnmta	tannatanat	tngtncnctn	1140
ncantcaatn	nttatnnctn	tacatgnatt	agcatnatnt	nccnnnttat	tggttaantn	1200
acaccntca	agatnntcta	ctatgagant	acacancttc	tcananannt	atgnctcaat	1260
gtanatcntc	ctcactcgng	ntttctgtc	cacatntnt	canaacttct	ancntntact	1320
aatatnntct	aaantnccnc	gtnnatnctc	tncangnngn	ctgcncntcc	tttngnnntn	1380
ncatagngg	tancatttcn	tcncnct				1407

<210> 4422
 <211> 1407
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1407)
 <223> n = A,T,C or G

<400> 4422						
ggnttattcn	ttcctnca	tncttggcac	ttttattctg	cggatccctc	gattcgaatt	60
cggcacgagg	gctanctggc	ctcgtngnac	tattgtatgt	ttgnngncct	gnngncttaa	120
cacttttngg	cagttgtgct	tnancta	ggctaattgn	tttnaanntn	gnngntntcn	180
anttaacntt	ttctttaaat	ttnaaanngn	tnaataaatt	tctntnaatc	nacccttann	240
ngtatatnaa	nnncatanaa	nnnnannnac	tttnanncnt	atttttnaaa	nnnngacacc	300
tnnngatcaa	tntgntnaan	ntttnnatnc	ctanctcnnn	nagnnttttn	nnaanccttc	360
ncctggantt	nttgnntcaan	acngaatttt	cnttatctcn	nntgcnnntt	tgngccanca	420
cnnttcntca	ncacctattg	tgncctnngc	gnannatnnt	ttacnctgc	ggttgntatn	480
nacancntnc	tcttgcatng	cgtcattaac	ctntagtgt	tccacanaga	nataattttt	540
agaggcgat	ntntnatcat	agngannata	ctntcancnn	aattagtgt	ttnaatattt	600
tatnctacta	antgatntct	tgnnagngt	tcatatnnga	tcctaata	gttntntatt	660
ttttgtaacc	ctattgtgca	nttcncntat	aatatnnggg	anaatttgtg	cnncntttat	720
nttctctata	ttanacatnn	atattggggg	nannnttact	actcnnttat	atnnagaaga	780
nctntactcc	ntatgtnnna	nataananac	tnntatanc	tatatngna	annagncacn	840
mnttgggann	gcttttanat	tactncatac	atacatgnat	gtntataann	anngettncn	900
atatnggcac	naaaatactc	tatatgtntt	tgcnttacna	acancactat	tnttatcnta	960
cnttattatn	ntnnntnanc	aaccnactc	ntnntatanc	gnctctctnt	ntnctgtctc	1020
mntatnntnt	cgcnnctctn	ttnactntgg	ngnntacnta	ttattagaga	ngngnngatt	1080
tatntctcnt	ctgcgcta	ggantnaca	gtncntnmta	tannatanat	tngtncnctn	1140
ncantcaatn	nttatnnctn	tacatgnatt	agcatnatnt	nccnnnttat	tggttaantn	1200
acaccntca	agatnntcta	ctatgagant	acacancttc	tcananannt	atgnctcaat	1260
gtanatcntc	ctcactcgng	ntttctgtc	cacatntnt	canaacttct	ancntntact	1320
aatatnntct	aaantnccnc	gtnnatnctc	tncangnngn	ctgcncntcc	tttngnnntn	1380
ncatagngg	tancatttcn	tcncnct				1407

<210> 4423
 <211> 804
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(804)
 <223> n = A,T,C or G

<400> 4423						
ggttanttcn	tttcctttca	atccttggct	acttgttctt	tctgcaggat	cccatcgatt	60
cgaattcnnn	ncgnggaggc	ctncgcggca	tctggnnncn	ttgnnatctg	nttngcngnt	120
ngagcgatnn	tcggctgttg	tggaacgc	tttnangctt	ctgttgtgca	tntannttga	180
ttcacatngn	cttacacant	gcctggangc	tgtctnntag	gctaatacna	cttnccacatt	240
ggagatata	cctgctgata	gtggnnnatn	gacncnctga	nttaangtgn	tggaanngat	300

nngtnntttn	anngnntggn	nnaaactnnt	cntattcnncn	tgatgnnact	ttggatcnca	360
ctnctgaggg	anactngtna	tgagcgnanc	tngggcnggn	gnaccnctt	nttttagaa	420
natgaaatca	tacatctgng	ngnntcagtg	ntnnnctgga	tatcngcntc	tgnnttantn	480
acttccaccc	anagcatnat	angacctcng	acttanccng	ngtcnnagcc	ttctganatn	540
nggncctggaa	gnctgntngg	ctnccttann	nnnccctntt	gagnatnatg	atnnaacncg	600
gctttgggng	gttcccaactg	atntgacact	gnctangcaa	gatncccaan	gatggcgant	660
cntcttgcaa	tttgggaagg	aantccnttt	tntcncgctt	gntagnatng	ccttnnnnat	720
aaccttgctt	tgaantnttt	taaccccnnt	aatccagntt	ngannttgct	ttaggtaaaa	780
nccaattgca	ntcgnnanan	ancg				804

<210> 4424.

<211> 749

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(749)

<223> n = A,T,C or G

<400> 4424

gnntnncncc	tttcaattnc	ttggctactn	gtctttttgc	aggatcccat	cgattcgaat	60
tcggcacgag	gaggatctgc	cttctgagga	agtggatcac	gagctgattg	aagacagtca	120
gtgggaagaa	atactgaagc	aaccatgccc	atcgcagtac	agtgtatta	aagaagaaga	180
tctcgtggtc	tgggttgatc	ctctggatgg	aaccaaggaa	tataccgaag	gtcttcttga	240
caatgtaaca	gttcttattg	gaattgctta	tgaaggaaaa	gccatancag	gagttattaa	300
ccagccatat	tacaactatg	aggcaggacc	agatgctgtg	ttggggagga	caatctgggg	360
agttttaggt	ttaggcgcct	ttgggtttca	gctgaaagaa	gtccctgntg	ggaaacacat	420
tatcacaact	actcgatccc	atagcaacaa	gttggttact	gactgtgttg	ctgctatgaa	480
ccccgatgct	gtgctgcna	taggaagagc	aangaaataa	gantattcag	ctgattgaag	540
caaagcctct	tgcttatgta	tttgcaagtc	ctggttgtaa	gaaagtgggg	ataccttggtg	600
cttcagaaat	tattttaaca	tgctgntggg	aggcnanntt	taacccgata	tcccattggg	660
gaatgttctt	tcaantccca	naaggttgtg	aagcatatga	acttttctnn	gagtcctggc	720
ccactgtgga	attatgacta	ctatgcanc				749

<210> 4425

<211> 727

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(727)

<223> n = A,T,C or G

<400> 4425

tcnaatnctt	ggctcttgnt	ctttntgcag	gatccctcga	ttcgaattcg	gcacgagntn	60
gagctggaca	ctnagncaca	gtttagagtn	ttgatatatn	actngaaaac	agtancattn	120
ccnaanaccn	atnaccnccna	ccctgtccna	angaatgatn	gntatgnatg	tgaagttnat	180
ntntngactc	ngatnatnac	nttccacttn	ggatgcacaa	ccatgctgnc	ctgtacagaa	240
gtcacangtn	ttgtgagaat	ttntaaactg	atgatgtgna	ttnnccatggn	aacatgagtc	300
tacattttac	cttctnatagt	agcnatgaat	cacaatnacn	tctttgttta	taggttggtg	360
gaaaantaat	tgctgttntg	ccattgcttt	taatggctgc	cacaactact	ttngcacnan	420
cctaataattt	attaanactt	tnctttctng	anacacaatt	nctgaaanng	ggattnatgt	480
gctgagnctc	taaggacctt	gatantncnt	ngtatnnntn	gttgaatgtt	gnanaatatt	540
tcatnactac	tcaantgatg	gtncctatgat	ctgggaggaa	gcctncttna	gcatnttanc	600
canattgncc	agggtttcna	gganaagtct	aaagcctgtn	angataccna	tgggacccca	660
ccngngtgna	anggcttnnt	gtcttnccggg	gactttgagc	ttaattttcc	cangnaaaaa	720
anggctt						727

<210> 4426

<211> 753
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(753)
 <223> n = A,T,C or G

<400> 4426
 cctttcttga aaccnttggc nacttntctt ttntgcagga tcccatcgat tcgaattcgg 60
 cacgaggagg atctgccttc ngaggaagtg gattnagagc tgattgaana cannnantgg 120
 gaagaaatac tgnagcnacc atgcnatcn cantncantg ctnttaaaga agaagatctc 180
 gnggtctggn ttgatccttt ggatggaacc anggantata ccgatggctc ncttgacaat 240
 gtaacaggtc ttattggaat tgcttatgaa ggaaaagcca tagcaggagt tattaaccag 300
 ccatafnaca actatnaggc aggaccanat gctgnnttgg ngaggacaan ctggggagtt 360
 ttaggtttan gngcctntgg gttncatctg aaagaagnc ctgctgggaa acnctttatc 420
 acaactactc nattccatag naacaagacg gttactgact gngttgctgc tatgaaccn 480
 gatgctgtgc tgcnagtatg aggacaggan attngattat tcagcttatt nanggcaann 540
 actctgntta tgnatttgc agnctggtt gtnagaattg ngatacttga gctccagaag 600
 ncatttacat gctgtnggag gcangttaac cgaatccatn ggnatgttct tcagtccacc 660
 aangatgtta accatntgaa ctctggatga gtactgccac nctgaggatt atgactactn 720
 tgcaagccca nnacatgngn gagccccctn ctt 753

<210> 4427
 <211> 863
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(863)
 <223> n = A,T,C or G

<400> 4427
 tttgnaaanc cctttctgtt gttcacccga aacncttggg aaattcccat agctncangc 60
 annnantgag atggcggtgc cctgtagtcc caggtactcc ggaggctgtg gcagattttt 120
 ggcttattga acacaggcag nttgtggcca ttcagcaagg agcataatgc cctgtnggt 180
 ggtgatagtg aataagcact cagtgcagnc aataagnata taattngagt taatgcatgn 240
 cnaatgattc cngtcccttg ttgaatgtgg atttntntat ctcantncca atacatttnc 300
 tacaaagcca agtgccattc cctggaattg gccnatagca atcnggaatg tnnaccatng 360
 gattcactca ctggcagntc aagtctgtga acaccatgaa ggttaatcaa catgagggtt 420
 taaagccaac tttataggct tgctatatnn nccttcctgg tcagcaatan agcccattcn 480
 cnggagcttc cngnggggat gactcgctcc agngaattct cctattaagn naaccnanng 540
 gnttaactgn agaaaaggct tncgtnatc tntaagatcc ttttgaaac cacntttant 600
 ctaccctggc ctncagntc caatttggan agaccgnc atnnancctt tggangaaat 660
 ncccaatncc aggaaaccca atggccaaaa cccctntttn aaggnnctt naacaagccc 720
 agggaaaacc naattnccn aaanattggg gccnntnnnn gggggggggn aaaaaggctn 780
 naaactntcc cnaacttaaa acaaangncc ccttgggntt ntcaaaaaaa nggggcnttt 840
 nggaanggaa aangganccc cna 863

<210> 4428
 <211> 471
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(471)
 <223> n = A,T,C or G

```

<400> 4428
nntttactnc ctttncccc tctntttgca ggatcccatc gattcgaatt cggcacgagg      60
cagaacngat ccagacanaa antgntngca ttttaccttn tttccncnc caattcttct      120
tngtaganga nagtancgtc agatgntctc tgncgancct nnnctcngtt gnacatngcc      180
tatnctcctt tnagatntan atgganattt gcttatgact tgtgttgnat aacgaggtan      240
aaanattgct gtcttctctg acatncctcc tcaaaganat cattaatgta tgatatctaa      300
taaaccanct antgcatgta acagtgatca gcaaattaat anatnanacc tctattcatg      360
cttaaattat caaagntagt atttnaatga natgtgctat tttcattaaa atntntggca      420
ccatcgagna tganacttac caattgcanc nnaggnantg agccctnacn c              471

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<210> 4429
<211> 976
<212> DNA
<213> Homo sapiens

```

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<220>
<221> misc_feature
<222> (1)...(976)
<223> n = A,T,C or G

```

```

<400> 4429
nggggtataa annnnntttt nngaatacag ctacttggtc tttttgcagg atcccatcga      60
ttcgcanngg ngcncggnat ntgntngncn atngaactgn cnnngcacat caatattngt      120
gggnttncnc natctntcat nnantgtgna anacagatct gacttggtta tgttngagtg      180
accctganca atgnnnngnag acgntaggg gtacacggag cacacattcg tcacaaattc      240
tatngtgca tnttttgcaa gggncgttcc cagggtgctt attancgann gcaaagggtta      300
cttggcaatt gcaagatttt ncaatgagcc ccaagnaatt cntngancga attgcattgg      360
caccccaagg ttttaggaaa agatnggnaa anccanttac cttcnaattt ccaaccttgn      420
nattttgacc ttggantggg ttttaannaan accccagggg agttaccaa cntnngggcg      480
antttncnaa agtnccccna tcccttaatt ccaccaanna anggnnttaa aanaatggcc      540
taatttcggg cgagttattc gaagaataat cgcttantng tggtncaaaa cttacattac      600
tcaatggaaa cattcaccca attttngaaa gggaatcttt aattcggcct ggcattaaat      660
ccggagntgt catgggcttt cngaattcaa atgaaannng ttatatttct gggnggcaag      720
atcananttg acganacca atggaangat ctactgatag gcangttacc atcactggaa      780
tctgntgcca gcatttagcc tggctcaata tctaactcaa tgtcaaggct tttnccttgg      840
gaaaacgggt tggcattggg ggagcaactn ggaacaatgc agattcaatc cattaatccc      900
ttttctgggt ttcaacaacc aaccatttga atccatctgg ggtaagtttt cttgaaacaa      960
gtcanngaa ntccn              976

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```

<210> 4430
<211> 765
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(765)
<223> n = A,T,C or G

```

```

<400> 4430
tnnnnctttn ctaattgncc cctnattngc nggttccaat nnncanngaa cgatcccatn      60
gattcgaatt cggcacgagg tttttttttt tttttttttc agttccagtt ccacttttct      120
tttatttaaa taaccgaagc aacagccgtg gcacagcaga gggaagctgg gttggggcgt      180
gtganangtg gcagcagntt ggccgtgatg ggggactang tcacagtga cttccccacac      240
gcctntcagg ttcagcagtc atggccatag gattgggagc actacggagg agccatcagt      300
tagtgatgtc tctccaagtc ccanagacct tagggacggg agctaagtca gctccctcaa      360
gtagcagggc cagggcatcc cagtcagggg tcacggggcc cggaaggcat tttcagcagc      420
cccagcggct gcattggcag ctgcggttcg caccncangg ttggagaaga caccancagc      480
aaattcttgc tgggccttct naaagctggc acctgtgcgg cggataaagg agtggatccc      540
gtttcagcat gacaattcct agcacagcaa tgccantgaa gagcagggcg accagcacat      600
gagcaccgat actgcttgtg ttgcccttcg gcaccaccan agcagaatat ccacctgaa      660

```

tnccaacctg	ggatncaatg	gcctgaggac	aangacacat	tctggacgaa	gaaatganaa	720
naaaacnaga	aatttgatga	actgtactnc	ggaaagcctt	tacat		765

<210> 4431
 <211> 739
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(739)
 <223> n = A,T,C or G

<400> 4431						
gcttcaatnc	tttctaantc	ttggctaccg	gntttctgca	ggatccctcg	attcgaattc	60
ggcacgagag	aaaaacaaca	gagagaaaaa	gaatacctga	gatatgtaga	agctttacga	120
gcccaaattcc	aggagaaaaa	gcagctgtat	aatattactt	tacctccact	atgctgttgt	180
ggctcctgatt	tttgggatgc	tcatacctgat	acctgtgcca	acaactgtat	tttctataaa	240
aaccacagag	catataactcg	ggcactacat	tcattcatca	attcctgtga	tgteccctggg	300
ggtaattcaa	ctcttcgagt	cgcaattcat	aattttgctt	ctgcacacag	gcggactttg	360
aaaaatctat	aataagaatc	tgaaattaac	tggtagtatt	ttggctttta	cttaaaatca	420
tccctgagag	agtatttaaa	gaaaagctgt	tcaagttata	aaatatataa	tctggaaaga	480
aatactgtct	catataataa	ttagattgta	atcattgntt	taatctctgt	ctgggaacca	540
agattgaaag	ctgacttact	tctctcttct	gtcttgtaga	ccatacggag	cctattattt	600
taaaatatga	tcagaccagt	aaggcttctc	ttactttgct	ctggctctgg	atcaggaaga	660
gctcatgtga	aagtctttga	gaatctctta	tttatcatct	ttctaaaact	gngtttttga	720
gcctggacag	tnctgaaaa					739

<210> 4432
 <211> 1006
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1006)
 <223> n = A,T,C or G

<400> 4432						
tatcttttct	aaaangnccg	taantgcntg	gttttaattn	ccttggaang	ctnaentgcg	60
ttncgnattg	ggagncaggc	ctcatcagga	ccctgntgac	tcgnngcgcg	ggagctggna	120
gccaggtctc	ncngnccctt	ctctggcttc	cttggnntngc	ctgntggggg	aagggnagga	180
ggagattaag	gaaangnaag	atgttccacn	ntagantgat	gaggtctacc	ggtncaaagac	240
catcncctta	nacgagnatc	ccnancctnt	gcctnnmcga	aatgtnanct	cctnnnactn	300
ggcncnaggt	tatnagcccc	tcngaannnt	gtnacagccg	gacgtcttan	tnentttctgc	360
tcaangatgc	tcnaacncan	ncttnnattn	ggttgncnga	nnntgcggga	tnncngcncn	420
natactnnnc	attgnntnnc	cttaantggt	tcttntgncc	ccctttnaat	cccttccant	480
ttgaantcct	tntgtggntt	anaacgnntt	nnngaattaa	tancnncnt	ataccattan	540
antattggta	cacnccttgn	nttaccaaa	ttncaaactgg	gacttttggt	natattaaaa	600
ggntatntnt	ttatnatnnc	ctccctattg	gggcncaaat	tcgtatttan	agccttaaaa	660
ctcncctctc	tattntatan	accnctnccn	ntattntant	ctncccaaan	tttatataac	720
gncaanccct	atcatntatt	tctngcgcgt	ttccnngatt	ttnnataanc	atntntcatn	780
gggttatata	ncctnngntn	aantgtnnnt	ntctntncna	nnnttntntt	nntaattttt	840
aantgtaccc	natnatnnnn	ncnaanaacc	ttntgttnac	ccngtttcna	nancnntttt	900
tgnntcccat	ttanctcann	nggncttcnn	ttaancannc	ctggggntta	atntnnggga	960
nnnctatttt	ntntgatntt	taaatagtat	antngnataa	caannt		1006

<210> 4433
 <211> 474
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(474)
 <223> n = A,T,C or G

<400> 4433
 nanccttaca agctacttgt tctttgtgca ggatcccatc gattcgaatt cggcacgagg 60
 aaangncnag cantgangaa tgtnttttgg ntttggagcc acattanatic ngnaancctct 120
 atgactatat ccantgtncn cteccancag canatngang ncatgcatgc ctcttttctnt 180
 aactananan anaacnntgg gctcnngann ctgngttaca tccannngc tttnatattg 240
 cctcatggat tcattggaaa tacacgtgna tacacaaant cccanattng tcttgcattn 300
 tattttngan gcnncttct ncaatannca nntntctntn ntnaaagatt atttngangna 360
 acctaagggtc cgtgagttctg tncntaact tattgatgac nnataagnnc agcattttcn 420
 ntncactgt cntnannnac ctgntgggnat cagctcant gtctnggtng nacg 474

<210> 4434
 <211> 764
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(764)
 <223> n = A,T,C or G

<400> 4434
 tnnntttttg aaantttttg aaatcncctgg ntttctaant tnggcacgat cccatcgatt 60
 cggggatggg cctatgattg ttcattgatga gcatggagga gtgtcggcag gaactttctg 120
 tgctctgaca acccttatgc accaactaga aaaagaaaat tccgtggatg tttaccagggt 180
 agccaagatg atcaatctga tgaggccagg agtctttgct gacattgagc agtatcagtt 240
 tctctacaaa gtgatcctca gccttgtgag cacaaggcag gaagagaatc catccacctc 300
 tctggacagt aatgggtgcag cattgcctga tggaaatata gctgagagct tagagtcttt 360
 agtttaacac agaaaggggt gggggaactc acatctgagc attgttttcc tcttcctaaa 420
 attaggcagg aaaatcagtc tagttctggt atctgttgat ttcccatcac ctgacagtaa 480
 ctttcatgac ataggattct gccgccaat ttatatcatt aacaatgtgt gcctttttgc 540
 aagacttgta atttacttat tatgtttgaa ctaaaatgat tgaattttac agtattttct 600
 agaatggaat tgtggtattt ttttctgtat tgatttttaac agaaaatttc aatttataga 660
 ggtaggaat tccaaactac agaaaatggt tgggttttagt gtcaaatttt tagctgnatt 720
 tgtagcaatt atcaggtttg ctagaatat aacttttaat cagt 764

<210> 4435
 <211> 747
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(747)
 <223> n = A,T,C or G

<400> 4435
 gnntcaannc ntttccaaat ncttggctct ngntcttttt gcaggatccc atcgattcgc 60
 tcgcatcgcg cacttttttg atcggcattc agtctttccg cttcttgaat ttctctctgt 120
 aaaggagata tataatgaaa aggaattatt acaaggtaaa ttggaccttc ttagtgatac 180
 caacatggta gactttgcta tggatgtata caaaaacctt tattctgatg atattcctca 240
 tgctttgaga gagaaaagaa ccacagtggg tgcacaactg aaacagcttc aggcagaaac 300
 agaaccaatt gtgaagatgt ttgaagatcc agaaactaca aggcaaatgc agtcaaccag 360
 ggatggtagg atgctctttg actacctggc ggacaagcat ggtttttaggc aggaatattt 420
 agatacactc tacagatatg caaaattcca gtacgaatgt gggaattact caggagcagc 480
 agaatatctt tattttttta gagggtggt tccagcaaca gatagaaatg ctttaagtcc 540

actctgggga aagctggcct ctgaaatctt aatgcagaat tgggatgcag ccatggaaga	600
ccttacacng gtaaaaagag aaccttagat nataattctg ggagttcttc actttcagtc	660
tcttcagcag agacatggnt tcattcactg gtctctgggt ggtttcttta atcaccccca	720
aaggtcgcga taatanttat ttgcccc	747

<210> 4436

<211> 747

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(747)

<223> n = A,T,C or G

<400> 4436	
gnttcaannc ntttccaaat ncttggctct ngntcttttt gcaggatccc atcgattcgc	60
tcgcatcgcg cacttttttg atcggcatct agtctttccg cttcttgaat ttctctctgt	120
aaaggagata tataatgaaa aggaattatt acaaggtaaa ttggaccttc ttagtgatac	180
caacatggta gactttgcta tggatgtata caaaaacctt tattctgatg atattcctca	240
tgctttgaga gagaaaagaa ccacagtggg tgcacaactg aaacagcttc aggcagaaac	300
agaaccaatt gtgaagatgt ttgaagatcc agaaactaca aggcaaatgc agtcaaccag	360
ggatggtagg atgctctttg actacctggc ggacaagcat ggtttttaggc aggaatattt	420
agatacactc tacagatatg caaaattcca gtacgaatgt ggggaattact caggagcagc	480
agaatatctt tattttttta gagtgtcgtt tccagcaaca gatagaaatg ctttaagttc	540
actctgggga aagctggcct ctgaaatctt aatgcagaat tgggatgcag ccatggaaga	600
ccttacacng gtaaaaagag aaccttagat nataattctg ggagttcttc actttcagtc	660
tcttcagcag agacatggnt tcattcactg gtctctgggt ggtttcttta atcaccccca	720
aaggtcgcga taatanttat ttgcccc	747

<210> 4437

<211> 741

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(741)

<223> n = A,T,C or G

<400> 4437	
gnttaatgcc tttcnattgc ttggctctcg atctttctgc aggatcccat cgattcggtc	60
ctacccaaac ctgtggccgc cacttttgaa ttctcagatt gccctgaatt ttgccacttt	120
taaataatgt gctgaataag ctacagcaact aaaaaccatt acccaagaac gtttcttggtg	180
agtgaactga tttattctga ttcattatat tcccttttgg agattttata ccccttgggg	240
aaataatata acaaaaacat ctcttaaaaa tgctgggatg gggccatata tactagcaga	300
ggccagatgg tcagatatga tttctgcaaa cccatcttga ccttgagtat gtgaaggggt	360
actgtacttt attcctgata catttttggt tccatgtagg tggtgagctc ctggntttct	420
gtgtttggat gatgaagatt tggacccttc cattcataat ccctttctaa gtgaagggag	480
aggctggctt ggctgntcct tgntattccg aaagccctgg tttggggccc atgttcacac	540
tggtctctcag tctagtacag tgcaatgttc ttgagagggt gggacctaat tattaccaga	600
gtagcancaa gagaggaaac gttgtgaatt aagtattcaa ttnaaaaagg aacatgattt	660
ctacctgaaa aaangnanan gnnctnncct tgattanctt cntaatcctt nnnnatnnaa	720
ncnntcctna annantttaa t	741

<210> 4438

<211> 804

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(804)
 <223> n = A,T,C or G

<400> 4438
 ggttanttcn tttcctttca atccttggct acttgttctt tctgcaggat cccatcgatt 60
 cgaattcnnn ncnnggaggc ctncgcggca tctggnnnn ttgnnatctg nttngcngnt 120
 ngagcgatnn tcggctgttg tggacacgcn tttnangett ctgttggtgca tntannttga 180
 ttcacatngn cttacacant gcctggangc tgtctnntag gctaatagcna cttncacatt 240
 gggagataca cctgctgata gtggnnnatn gacnncctga nttaangtgn tggannngat 300
 nngtnntttt annnnttgg nnaaactnnt cntattcncn tgatgnnact ttggatcnca 360
 ctncctgagg anactngtna tggagcnanc tngggcnggn gnaccnncct ntttttagaa 420
 natgaaatca tacatctgng ngnttcagt nttnnctgga tatcngcnc tgnnttantn 480
 acttccaccc anagcatnat angacctcng acttanccng ngtcnnagcc ttctganatn 540
 nggncctggaa gnctgntngg ctnccttann nnnccctntt gagnetnatg atnnaacncg 600
 gctttgggng gttccactg atntgacact gnctangcaa gatncccaan gatggcgant 660
 cntcttgcaa tttgggaagg aantccnttt tntncngctt gntagnatng ccttnnnnat 720
 aaccttgctt tgaantntt taaccccnnt aatccagntt ngannttgct ttaggtaaaa 780
 nccaattgca ntcgnnanan ancg 804

<210> 4439
 <211> 785
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(785)
 <223> n = A,T,C or G

<400> 4439
 gnnnnnnntt cccctttcta atcncttggga nntcgctctn tntgnangat cccatngatt 60
 cgaattcggc acgagagaaa cacaggtgtc gtgaaaacta cccctaaaag ccaanatggg 120
 aaaggaaaag actcatatca acattgtcgt cattggacac gtanattcng gcaagtcac 180
 cactactggc catctgatct ataaatnngg tggnttcgac aaaagaacca ttgaaaaatt 240
 tganaaggag gctgctgaga tgggaaaagg ctccctcaag tntgcctggg tcttgataa 300
 actgaaaagc gagcgtgaac gtggtatcac cattgatatc tccttggtga aatttgagac 360
 cagcaagtac tatgtgacta tcattgatgc cccaggacac agagacttta tcaaaaacat 420
 gattacaggg acatctcagg ctgactgtgc tgnccctgatt gttgctgctg gtgtnggtga 480
 atttgaagct ggtatctnca agaattgggca naccnnaag catgcncctn tggentacac 540
 actgggtgtg aaacaactaa ttgtcggngt taacaaaatg gattcacttg accaccctan 600
 aggcngaag agatattgan gaaattgtta aagggaagtca gcacttncat taagaaaatt 660
 ggccatacaa tccnnganac aataancatt tgtgccatt tnnngggttg gaatgggtga 720
 ccaacattgc ttggagccca agtgnttaac aatgccttng gttnaaaggg antggaaaag 780
 ttacc 785

<210> 4440
 <211> 789
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(789)
 <223> n = A,T,C or G

<400> 4440
 ngatatcgt cgctgagggg ccaagtggga ggccctngna ggtgtggagg tggattccgc 60
 tccgggcacc gatctcgcca agatccctnag tgacatgcga anccaatatg aggnatggc 120
 cgagcagaac cggaaggatg ctgaagcctg gttcaccagc cggactgaag aattgaaccg 180
 ggaggtcgt ggccacacgg agcagctnca gatgagcang tccgagggtta ctgacctgcy 240

gngcaccctt	caggggtcttg	agattgagct	gcantcacag	ctgagcatga	aagctncctt	300
ggaagacaca	ctggcagaaa	cggaggcgcg	ctttggagcc	nagctggcgc	atattcaggc	360
gctgatcagc	ggtatttgaa	gccaacttg	ggcgatgtgc	gaagctgana	gtgaacgggc	420
agaatcagga	gtaccagcgg	ctcatggaca	tcaagtcgcg	gctggagcan	gagantgcca	480
cctaccgcga	gcctgcttag	ggacagggaa	gatcactaca	caatttgtct	gctcaaggtc	540
tctgaggcag	cagctctggg	gcttttggtg	tccttggagg	tgttttctgg	tagagggatg	600
ggaaggaang	gacccttacc	cggggttttt	cttgactgca	ataaaattat	tgggcaagga	660
aaaaaaaaaa	aaaaactcca	gccttanaac	tatannngt	cggnttctta	aatccagaca	720
tganaanana	nattnttngt	ttggacaaac	ccaacttnaa	tgcnatggaa	aaaatnnttt	780
tttttnnaa						789

<210> 4441
 <211> 1450
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1450)
 <223> n = A,T,C or G

<400> 4441						
ggnnnnnncnc	nnnttttncn	cncccccct	acattcgaaa	aaaaccccc	cnttttgggc	60
ccaaaaaaa	ccccccccc	cnttttgcn	aaaaacccc	cttttggcna	aaaaaacccc	120
cttttgggga	aaaaaaancn	ttncncncn	cnnccanacn	gnnnnnncan	cccgannaan	180
naggnnnncan	nannnnnnnn	nnnngannan	nnnnccncnn	attatttttn	nnnnnnncna	240
nnngnnnnnan	annnncnann	aaannannna	nnnncnnttn	annnnnannc	annnnncnag	300
nagnngnnnnn	ncannanaan	nnnngnnnnn	nanaancaac	nanaannngn	gnngnnnann	360
annnnnnnng	ngnggcacnn	nnanacnaac	anacnnnann	nananannaa	nacannnana	420
cngnccnnan	nannanannn	ganananann	naccaannnn	nnnancnnaa	nncannannn	480
ncnngaggnc	ccccccncn	ccanancaga	aagaagacan	ganannnnan	ccagaangan	540
cncanannac	aaanacaacn	anacnaanaa	caaanaanac	aacanaanna	anggcnnaaa	600
nnnnncaaac	anaaaannng	nanacnagga	cganngcgac	aaacnacncc	nagacatana	660
caacanacaa	nacanacnaa	canaaanann	naacannaan	cagaacaaga	cncagncaga	720
cngnancann	ncncganacn	cnaacaacaa	ncngccaann	ncanaancaa	ananaacnac	780
anaacanana	cnanagnnna	aaaangaagc	aaanacgana	cnanannnng	aagnanncac	840
ncacanncna	nagcaccgcg	anagnganan	gacanganag	annnaancca	acaanngaac	900
aaagacncgg	nagnacaccn	nacnnaagaa	agcaacnaan	ancnccacna	acancngnac	960
acacacacan	nnngnanaaa	canaccgnna	acaanacang	ncaaacgnan	acnaagcaca	1020
nnncnnacaa	gcgacnnngg	aaagacaacg	acacancaga	nnacgacgaa	nganacaang	1080
nanagacgaa	acacgnaccn	nggaaannca	aagaaacang	cacncacacn	ngacnacaaa	1140
canannncga	cganacgnaa	agaacgngna	cncgnanann	ggnacacaaa	cnaancacaa	1200
cgaacgacan	agacgcanc	acgcncacan	ngcccnanga	nanncgagca	cncagncgac	1260
gncgnananc	acgccacaca	ncnaacanta	aannggann	nagacancng	gnngagantc	1320
gacannngna	cacagaacac	anacnncann	ancaccnnnc	ganacaacaa	cnagcgnaca	1380
cnacgaacac	anacancaca	ccaacacgna	caacangnac	aacnnagacc	nacnacccnc	1440
gaccccaacn						1450

<210> 4442
 <211> 1450
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1450)
 <223> n = A,T,C or G

<400> 4442						
ggnnnnnncnc	nnnttttncn	cncccccct	acattcgaaa	aaaaccccc	cnttttgggc	60
ccaaaaaaa	ccccccccc	cnttttgcn	aaaaacccc	cttttggcna	aaaaaacccc	120

cttttgggga	aaaaaaancn	ttncncncan	cnnccanacn	gnnnnnncan	cccgannaan	180
naggnnncan	nannnannnn	nnngannan	nnnccncnn	attatttttn	nnnnnncna	240
nnngnnnnan	annnncnann	aaannannna	nnnncnttn	annnnnannc	annnncnnag	300
nagnnnnnnn	ncannanaan	nnnngnnnnn	nanaancaac	nanaannngn	gnggnnnnn	360
annnannnng	ngnggcacnn	nnanacnaac	anacnnnann	nananannaa	nacannnana	420
cngnccnnan	nannnanann	ganannannaa	naccaannnn	nnnancnnaa	nncannnnn	480
ncnngaggnc	ccccncnca	ccanancaga	aagaagacan	ganannnnan	ccagaangan	540
cncanannac	aaanacaacn	anacnaanaa	caaanaanac	aacanaanna	anggcnnaaa	600
nnnnncaaac	anaaanngc	nanacnagga	cganngcgac	aaacnacncc	nagacatana	660
caacanacaa	nacanacnaa	canaanannc	naacannaaa	cagaacaaga	cncagncaga	720
cngnancann	ncncganacn	cnaacaacaa	ncngccaann	ncanaancaa	ananacncac	780
anaacanana	cnanagnnna	aaaangaagc	aaanacgana	cnnanannng	aagnanncac	840
ncacanncna	nagcaccgac	anagnganan	gacanganag	annnaancca	acaanngaac	900
aaagacncgg	nagnacaccn	nacnnaagaa	agcaacnaan	ancnccacna	acancngnac	960
acacacacan	nnngnanaaa	canaccgnaa	acaanacang	ncaaacgnan	acnaagcaca	1020
nnncnnacaa	gcgacnngg	aaagacaacg	acacancaga	nnacgacgaa	nngancaang	1080
nanagacgaa	acacgnaccn	nggaaannca	aagnaacang	cacncacacn	ngacnacaaa	1140
canannncga	cganacgnaa	agaacgngna	cncgnanann	ggnacacaaa	cnaancacaa	1200
cgaacgacan	agacgcanc	acgcncacan	ngcccnaaga	nanncgagca	cncagncgac	1260
gncgnananc	acgccacaca	ncnaacanta	aannnggann	nagacancng	gnggagantc	1320
gacannngga	cacagaacac	anacnncann	ancaccnnnc	ganacaacaa	cnagcgnaca	1380
cnacgaacac	anacancaca	ccaacacgna	caacangnac	aacnnagacc	nacnacccnc	1440
gaccccaacn						1450

<210> 4443

<211> 775

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(775)

<223> n = A,T,C or G

<400> 4443

ccttggnnag	nngeccccctt	naaanccttt	gaaaaccctt	ggcaaangcc	ctnnncngnnn	60
gateccatcg	attcgaattc	ggacgaggag	aggatcactt	gagcttagga	gttcaaatcc	120
agcctgagcc	aacataacaa	gactttgtct	ctaaacaaaa	cagttattgt	ttaaagaatc	180
tgaaatcttc	atctttaatt	caggtagcac	cgactcgagc	ccaagtttgt	ttgatatcca	240
gttccaagtc	tggagagagg	catctntatc	ttattaaagt	atcgagagac	aaaatatcag	300
acagcaatga	ccaagagtca	gcaaattgtg	atgcaaaaagg	gctatcaaag	ggaggctttt	360
tacagagaac	taaggaagag	aaggagggtg	ttaaagagac	ttgagatcag	aaaaagatca	420
agaacaactt	gaatctcaaa	gtatgaattt	gaagtatttt	gctgagcaaa	catttgaatg	480
ccgtgatgta	ccgtaatcct	ctatcactgg	ggcccccaac	cccggtagca	gcccgtggcc	540
tgctagggac	tgggccccga	cagcaggagg	tgagcagngg	gtgggcaagc	cgaccattcc	600
cacctgagct	tnccctcctc	gtcagatcag	cancagcggt	agattctcat	aggagtgcga	660
ccctattgta	aactgccatg	cnagggatct	aggttgcacg	ctccttatga	ggaattgaat	720
gccctgatga	acttgnact	gncttccatc	acccccagaa	ngganctggc	taacc	775

<210> 4444

<211> 799

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(799)

<223> n = A,T,C or G

<400> 4444

ntcnannngn	gtccttggcc	cttgctnttt	ntgcaggatc	ccatcgattc	gccaacgagt	60
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accagctgat	tgactgtgcc	cagtacttcc	tgacaagat	cgacgtgatc	aagcaggctg	120
actatgtgcc	gagcgatcag	gacctgttcc	gctgccgtgt	cctgacttct	ggaatctttg	180
agaccaagtt	ccaggtggac	aaagtcaact	tccacatgtt	tgacgtgggt	ggccagcgcg	240
atgaacgccg	caagtggatc	cagtgttcca	acgatgtgac	tgccatcatc	ttcgtggtgg	300
ccagcagcag	ctacaacatg	gtcatccggg	aggacaacca	gaccaaccgc	ctgcaggagg	360
ctctgaacct	cttcaagagc	atctggaaca	acagatggct	gcgcaccatc	tctgtgatcc	420
tgttcctcaa	caagcaagat	ctgctcgctg	agaaagtcct	tgctgggaaa	tcgaagattg	480
aggactactt	tccagaattt	gctcgctaca	ctactcctga	ggatgctact	cccgaacccc	540
ggagaggacc	cacgcgtgac	ccgggccaaa	gtacttcatt	tcgagaatga	agtttcttga	600
nggatcaagc	acttgccagt	nggaaaatng	ggccgtnact	tactggttac	cccttcattt	660
tnaacctncg	cttgtnggga	acaacttggg	gaaacaattc	cgncctngt	ggtttcaaaa	720
cggaactggg	cccnnggaca	attnanttta	agcgggcaat	ggccaccctt	ttgggtcaan	780
gtncnnaagc	ctgggttttt					799

<210> 4445

<211> 890

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(890)

<223> n = A,T,C or G

<400> 4445

gaaaggggag	ngnanntttt	naanggcgtt	ctaagtntgg	agcacgannc	tanaaagcgg	60
gttnngcacg	aggctgnanc	tgcccgtggg	caccacgggn	acactgtctt	ccgggacctg	120
ngggcccaga	nnngctgggt	gacgggnctt	cctaacagag	tacgcggggc	cccttttcat	180
ntacctgtct	ttctacttcc	gagtgccctt	catctatggc	cacaaatatg	actctacngt	240
ccagtcggca	tacagtgggt	cacctgcgct	gcatctgtca	ctcattccac	tacatnaagc	300
acccggaata	nagcccgtct	ccccagtcgg	aaaaaanaa	aatnaaanann	atanccctna	360
tgntaana	aaacttngc	ctnttaaanc	ttagttagtc	ngaattacnt	naaatccaga	420
ccatgatnga	gatcccatgt	atgaagttng	gnacaagccc	ncancttaga	aatgcnangg	480
aaaaaaaaat	tgctttaatt	ntggtgaaaa	tnngcnga	gncatnngc	ctttantntg	540
ntnacgcnat	tattnaagcc	tgngtantta	acccaangta	tatccacca	acaaaatggc	600
atancaattn	tatanggttn	nanngctntc	agngngcggn	aggttgctnt	ganagnggnt	660
nttcnaaatt	ncctnccggga	netgagngag	ccccaaatag	cntttggggg	tcccnggntc	720
acctcanacn	ttncgggata	tannccntac	gnaannanng	gggtctaaan	ttgggcncca	780
ccttgngngc	gnnaaantc	tnnnngggnt	cnaataannc	ttnttntntc	ntnnngngtt	840
naanaatntg	nanatatacn	cncgtataca	tanacanntc	tcnctgnccg		890

<210> 4446

<211> 740

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(740)

<223> n = A,T,C or G

<400> 4446

nnntgnnnn	nnnttttnnn	nnngncnttt	tatagncngc	tcttggttctt	tttgcaggat	60
cccacgatt	cgcagcaggn	ttgccnngtg	gctgntatgg	catctatann	antttcaggg	120
ttncntaac	cnngggnecc	ntgcnnntgan	tgacngtggt	natcntgtng	tggttaangan	180
cncaggacnc	nttgnatntn	ntggaaacaa	atggnaacan	anngtatcct	ctnnggatac	240
tggtcnccca	nnngnttaa	cacaggtanc	agctgctcan	nttnacctga	gggatccaga	300
ggcnntgtc	aaactagcta	ttcatggcat	gctgccaaana	aaccttcaca	gaggaccaat	360
gatggaaagg	ntgcatcttt	ttccagatnc	tnatttccag	aanatntnct	nangaatntn	420
cnagangagc	ttncctcaanc	ncgaaaanta	cctaaacgtn	tanatgagtn	acacacgaag	480
aatggacgc	cttcccaaga	ttgtggactc	cacctgacna	ttatcggcta	tangagagta	540

anacttgnac	anaataacag	tgaagtgatt	gaaactttct	tctgangagt	ttctctacct	600
acaggatgga	gttaaacact	gntacagntc	acacctgttt	tatgtgcnga	atcactgtgg	660
ggaaaggtac	tgacgtgtan	nncttcaata	gganattgga	ttgaaatntc	actttattga	720
accattttta	tgtnatctga					740

<210> 4447
 <211> 1221
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1221)
 <223> n = A,T,C or G

<400> 4447						60
anggccanng	nnttttttcc	caaaaagngg	ccccncttt	ttccnaaaaa	cccccttttt	120
gccaaaaaan	ncgccttttg	gggccaaaaan	anntgccccg	cnngnncnnn	ggttttggnn	180
cncnnaaaaan	nnnnnncccc	ncnnannnnn	cnennnnnnc	ncnnnnnnnn	nnnnnnnnnn	240
cannanncnn	nnnnnnnnnn	ngnnnnnnnn	acnnnnnnnc	ttttttnnnnc	nnnnangnnn	300
gngggggnna	annnnnnnnn	cgngngngca	nnnnnnnnng	gggggnanann	ncaanngann	360
ggncncncnn	nagacaacnn	nnncnnnana	nnananacna	annncncnnn	nnnnanaang	420
nnncncnnnn	annannncna	nnnnncngnc	ccccccnecg	ncngncnnnn	gnggcgcaan	480
acntnancnn	nnnggnannn	antnecgagan	tgncnnaatn	anngccncac	annaagncca	540
naaccacaat	ncnnnanaac	tnctnnnatn	ngaanaacanc	cagancccaa	anaccnngnn	600
aacacnnaan	nanaacccan	ctnnaagnna	cgccagnngn	anncaccaan	acncncaann	660
nccagnnnna	ccnaacacca	cgcnnannct	naanacanac	nananncaaa	ncnatngncn	720
cacgagtgn	taacnncnna	accnacnaac	acncagncgn	ncanacncnc	nannnnncatn	780
accnacacnn	cnncgnaaan	acngacnaac	aaatcnaana	agcncnnnna	ntnnancaa	840
nanatncnan	cnnnacgacn	tanananatan	ccacnnnana	cacacacncg	acgagncaac	900
aacnaccatn	ncnngcacgn	accnncngtc	tnnnccacaan	acactannca	nccacccgna	960
aagaagaaac	tanccaaann	tnnacgancn	acctctnnaa	gnnccgcnag	annacnannc	1020
acgncccaan	tnacaccnna	cnncnncnna	cncnaacgtn	ccannacata	acnngaacca	1080
naccacngca	ngaannnnac	annncaagnn	annacancan	ancnnggaac	nnnagcgncg	1140
ancanccnac	gncgcaannc	gacanaagnt	anagaagaac	nacnaaacnn	annncaaaan	1200
naannaaacc	taccagann	gtnnacacna	cacantncnn	cnnacgagcc	gcattnnnnn	1221
ananacgacg	gacancaacc	c				

<210> 4448
 <211> 910
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(910)
 <223> n = A,T,C or G

<400> 4448						60
gnnntttcaa	atagctaggc	tactngttct	ttttgcaggc	atcccatcga	ttcgtgttaa	120
tcgtgtggtg	ataatcctgt	cctcctttta	aagcgaattc	tctactgaaa	ggtctgctct	180
gcttaaggag	ctacaaactg	ctctcaaaag	aatgaaatac	tgagtcccaa	ttcagtggag	240
cacagtgttg	gacttaggca	catttagttg	gagtcggggg	gaggtcagga	atatgatcag	300
ataatggatt	ttatacctta	gagcaaaatc	tatttagtctc	tctcagttta	tcaatttaaa	360
tggttttagg	cttatagggg	gtgtaaaact	taagaatata	attctcccat	tcaagtttac	420
agcaaacatc	tagccacctt	caaaacaaag	aatatacaga	ccatcattta	gcaatactaa	480
tacatgattt	tccttgggga	tggcagggtt	gagaatcctt	tagcaacagg	acatactttc	540
cctaaattan	cnngggaatt	atttttttac	ccgggggttaa	aagcttttca	ggntnccaaa	600
ncttaaagg	gggggttgtc	ttaaccaacc	taaaaaaact	tnntcacctt	aaaattcttc	660
aaaaggaaga	aaaagttntc	ttggccaaaa	attttggtta	aaagtttcca	ccaanggggt	720
ggcaaaaaacc	attttttccc	ctttcctttt	aanggccttt	ttnaatcctt	aaagggaaaa	

ggggccttnt	ttgaaaaaac	ttgggggccc	ccaatctggg	tanttaccaa	gggccttcca	780
aaaaattttac	ccgttttttt	tnaaaanggg	aaaggaaaaat	cttnttgncc	aacctttnaa	840
gggcntttat	ttggccaggg	gaaaaatacc	cttcnatttt	ngggnantgg	ttaaaaaaan	900
ttttatttgg						910

<210> 4449
 <211> 783
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(783)
 <223> n = A,T,C or G

<400> 4449						60
gnntttnnan	nncngnttt	ctaattctnt	tcnaatnctt	tgnnancgtt	ctntatgcan	120
gacctatcga	ttcgggaatc	tcctagaaaa	gttgtgattt	tcgagccata	tccttctgtg	180
gtagatccta	atgacacctc	natgttggcc	ttcaacccca	ggaaaaagaa	ctatgatcga	240
gtaatgaaag	cactggatag	cataacttct	atcagcnaaa	tgacacaagc	accatatctg	300
gaaatcaaga	agcaaatgga	taaacaggac	ccccttgctc	atcccttact	gcaatgggtt	360
atatcaagta	atagatcaca	tattgtgaaa	ctgccagtta	acaggcaatt	gaagtttatg	420
catactccac	atcagttcct	tcttctcagc	agtcaccacg	ccaaagaatc	caattttaga	480
gctgctaaaa	aactcttttg	aagcaccttt	gcatttcacg	gctcacacat	tgaaaactgg	540
cactccatcc	tgaggaatgg	tctggttggt	gcttctaata	cacgattgca	gctccatggt	600
gcaatgtatg	gaagtgggaat	ctatcttagt	ccaatgtcaa	gcataatcatt	tggtactcag	660
ggatgaacaa	gaaacagaag	gtgtcagcca	aggacgagcc	agcttcaagc	agtaaaagca	720
gcaaatacat	cacagtcacn	ggaaaaaagg	acagcaatcc	caattcctgc	caaagccgta	780
acttaaaatg	catagnccct	atgtgaaagg	gatcaccttc	atctggacct	gcacaaacat	783
ggc						

<210> 4450
 <211> 746
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(746)
 <223> n = A,T,C or G

<400> 4450						60
gntnngnnnc	cntttnnagg	gggtntaatg	cngctctggt	cttttgacag	atccctcgat	120
tcgaattcgg	cacgaggaat	acctcaaacy	tctaccatta	cngtggggta	gantttagcc	180
cacntntgcc	tttncancnt	anggttntt	cntaagaaga	antactttga	ttctgaactt	240
gagcttatga	catacattaa	tgaaaactgg	gatagattgc	accctggaga	gctggcngac	300
acacccaaat	ctgaaagata	tgagcatggt	ctggaggcat	taaatgatta	caagaccatg	360
tttatgtctg	ggaaagaaat	acaagaanaa	gaagcatttg	tttgggttgc	gaattcgtgt	420
tcctcctgtg	ccacccaaatg	tggttttcaa	agcagagaaa	gaacctgaag	gaacatctca	480
tgaatttaaa	attaaaggca	gaaaggcatc	caaacctata	tctgattcaa	gggaagtaaa	540
gcaatggcat	ataaaaaaaa	ggaaagaaaa	aatctgtagg	tcgtccacct	ggcccatata	600
caagaaaaat	gattcaaaaa	actgctgagc	cacttttggg	ttaaaggaaatc	aatttcagag	660
aatcctactt	ttggatttac	cttggnctat	agggagaact	gagggaactg	ccattcatcc	720
agtacctcag	atgtgggatt	ttacnggtgc	ttncagtgcg	aaaagaaact	accttcgcta	746
gcattttcng	gccattatga	ttattn				

<210> 4451
 <211> 769
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(769)
 <223> n = A,T,C or G

<400> 4451
 gaccnatcgg ttngngagac ngcctnccnn tcnnncngcn tctgngngnt gntnttttga 60
 cacggtctcn ngtgaaagta cncacncact cacacgnnaa tgggcattgc accccactcc 120
 tgctcaaagn gctgnacgcn gtcattngta gaatttctgt acgcctgnnc tctgncccnt 180
 annngcngant gggccacnnn tntntatgan cgcgacacca angtgagtct gacctttctg 240
 acttgannna caangtttgn gggggctgnc attcgtgntt tnngngcnc tnnnaancatn 300
 ataggaganc ntatnnnncg actgggaacn nnctnnacac atnctatctg ngaantcatg 360
 gggatcatng gaggaacccc ttgtgctcga aaataacgtg ngtaaacat gcactcatgn 420
 gncnngcnn accacncntn gnctgttcc tacctaagg ataccatggn atgnacactt 480
 acngtaattn tgcaaaagtng gcaaanatnt tctcanancg gagcctaacn gnctaaatna 540
 aaggtntttc atnnccagg ncttgtaaat atnggcnaaa tntggcnaac aagnggttga 600
 ctacttttaa aaggtgnaat aagattttcc ncatttntn aaaaggaacc tggngaaaaa 660
 agntaagggc caaanccttt aagnccttt ncnggnaang gtttgccaa atccggggtt 720
 ggngggnncc aanaatgntt ttcaggagga tngggnaaac tttttttct 769

<210> 4452
 <211> 1366
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1366)
 <223> n = A,T,C or G

<400> 4452
 ananaanann annnnnnnnaa ggnaaanana nnnnnannnn naanangnaa anananann 60
 tnnanaannn aagngnttc nanncttttc aaagcttga aaacgcannc annnnnnggg 120
 aaagcaagaa agaacagcta aagngngcn cagaganagc ttttangang tntangaaga 180
 aggaatannn gngncaata nnnnnannnc ngaaantatc atganacnca aatganggan 240
 aaggcagcac aagctgngca aacagctatn gngacggggg ggccggggaga gnctaaangn 300
 cananatnca atatataagg actgcatgcn aagggatacn aaacaagnan actnntctag 360
 gaagaaataa ntnttgacnt ancnnacntt cataacgaat agcaccgtac atcgagncaa 420
 ccaactaana ggnctaagga aatggcaaan nacnttaatn nntgagcnaa ggaaggngt 480
 atngnccnan annгааatgc ntentaacca anttttaatn gtaacggnat nangatnaan 540
 ncntnancac acgcaactca aaaaanattac attanntaaa aaaganctat ancaaaaacta 600
 gtnttcaaaa tngnacgagn aaatgggnaa nantttntnn ccgggaaaat tggngagat 660
 ccanaaacac tggntnaggg naatanatgn ccgccnaaa aaacntnac cataggnatn 720
 ggctancata gangagatat ancnatnagg ggatcaanan cntaggnatt ngaaaantaa 780
 ncgagttaaa acancnagat nnggnantac gaganatagc ttggacgngt atcaaactcg 840
 accctnggat gggcntangg aaaaanaaaa aggntngagn gaanttcctc anaggaanng 900
 tganagagcn aaanaaanatn aagggccttg gngaaaangg aaaaacagat agngtcatnc 960
 natatatnnc natgananan tggggnaatn taatctacnn tanatnnggg ggaaaaaat 1020
 cnnncatgac nnnaaaanga gntaatgna nnatgagaga taaacnnat aaaacnagag 1080
 aantttgngn aaanctgnga gataaaaaat aaataaattc tntntggaac atntanaccn 1140
 tctatnnaaa aaaaagaggg gaaaccatct ngattatgca cananaaatn tnacntngng 1200
 gaaataaatn ggnacaata acatatatgn ggatgtacan tnttgngcng aaaaactata 1260
 caacntgaga nnnnacnang atataaagcn nnaggnagtn tatangggca tcatcaangg 1320
 gaagtataa agcaactgna nnctcatata naaaactggn cnncaa 1366

<210> 4453
 <211> 852
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(852)
 <223> n = A,T,C or G

<400> 4453
 tgatcctcag gcnctgga tgacacgtna ancatagaag ctggaggagg nggnccngcg 60
 cttgntcata atttaaaaaa attaaaanaa cgcaacagcc gcttttctta atccatatcc 120
 cttttaanac acagaggcng gtaatnagtg naatagaaga atgntnttgt ntcttcctac 180
 ggtgacngtt nttattncac nggnttcttt agcaggactg ttctactcaa cctctgtgga 240
 anaaaactnt ccncagggct gnctaacaca nncagccttt gcttttacan cctgctcttg 300
 cctattacca taccactgta tgtnttcttc cacctntgga cnnggatggg tattaactc 360
 ttnaggcatn antgatgcaa ctanagtcaa tatgctgtnt ntattaatga gagctcttgg 420
 gcatccatnt cntgaaagct caantggatn gaattnagnt ngcggganag aggcttntct 480
 ttgctcatat nacgctnatg gactgggna ggctnaaatt gcaaagtctg cttttaattg 540
 cnctcttgga tcnaccatg aaaaattgga aggctcttga cnaataactg gtggngtcan 600
 aaananaaca tttttgacnc nggtcatgnt ntggagaatg aacatcccta aatcnaccat 660
 gtggaagacc natttcataa atncattcnt ntaanaaaa attggnaaat cttnttttg 720
 ctttggtngg aacaactttt aangggcttt tgngcaaatg caccatggtt aangggatgg 780
 acttgaatt aaattnccn aaggaattna anggttgggg aaataatncc cctnttaaag 840
 ggaaaaaaa ng 852

<210> 4454
 <211> 799
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(799)
 <223> n = A,T,C or G

<400> 4454
 tggttttnnn ngnggggggg ttttctaatt gcagtcaann tngntgtcct anncccgntn 60
 ccncngngcg cccnaacttg gaggtggccc gcttccagac catggaggag aagaaagcat 120
 tcattnttac cactgaagaa agaccgaatt gcaaaggaa aaggagctta atgccaggaa 180
 cagattttgc agttggtggg gtctcaataa aagtttgtt cagtggaaaa taacttttat 240
 tgagacaaaa aaaaaaaaaa aaaactcgag cctctagaac tatagtgagt cgtattacgt 300
 agatccagac atgataagat acattgatga gtttgacaa acnacnctn gaatgcagng 360
 aaaaaaatgc tttatnngtg aaatttgtga tgctattgct ttattngtaa ccattataag 420
 ctgnaatana caagttanca ncaacaatng cattnatttt atgtttcagg ttcangggga 480
 ggtgtgggag gtttttttaa ttncggcccg cggtgccaat tgcattgggc ccggtcccca 540
 cnttttgnc cccttagtg anggtcaatt ncgcgcttgg ccttatcntg ggtcatagct 600
 gtttctgtg tnanatnaa tgnctntnca cttttcnac aattnaagtn gcnnnagaaa 660
 tccancactg ncaanttggg ggcanncacn gcttgntaaa tnnngtattt ttcnaggagc 720
 ttttaantan ntnggntcaa nggnacaagc nannttagct ccatnggctt ngacctcnt 780
 tannaaccaa aatgnttnn 799

<210> 4455
 <211> 793
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(793)
 <223> n = A,T,C or G

<400> 4455
 gnanngccn cgnttttgat tccccctntt caaatccttt gnaatcgcc ctncctgttt 60
 tgatcccatc cgattcgaat tcggcacgag atggcagttg cttttgaagt atatgatgnn 120
 ttctccact acaaaaaggg gatctaccac cacactgggtc taagagacct tttcaacccc 180

tttgagctga	ctaatacatgc	tgttctgctt	gtgggctatc	ngcactgact	cagcctctgg	240
gatggattac	tggattgtta	aaaacagctg	gggcaccggc	tggggtgaga	atggctactt	300
ccggatccgc	agaggaactg	atgagtgtgc	aattgagagc	atagcagtgg	cagccacacc	360
aattcctaaa	ttgtagggtg	tgcttccag	tatttcataa	tgatctgcat	cagttgtaaa	420
ggggaattgg	tatattcaca	gactgtagac	tttcagcagc	aatctcagaa	gcttacaaat	480
agatttccat	gaagatattt	gtcttcagaa	ttaaaactgc	ccttaatttt	aatatacctt	540
tcaatcggcc	actggccatt	tttttctaag	tattcaatta	agtgggaatt	ttctggaaga	600
tggtcagcta	tgaagtaat	agagtnttgc	ttaatcattn	ggaattcaaa	catgctatat	660
tttttttaaa	aatcaatgtg	aaaacataga	cttattttta	aattgntacc	aattacaata	720
aaaataatgg	gcaattaatt	tttnaaaact	ttttaaaata	gnatgctcat	attttttaaaa	780
ataaaanttt	tnc					793

<210> 4456
 <211> 1095
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1095)
 <223> n = A,T,C or G

<400> 4456						60
cgnnnatTTTT	nccgcccctc	ctgggaaaat	cnccttgncn	ngtgaaaaaa	cncntgggtg	120
aaaaaccctt	tttggcaaatt	tttcgttgna	aaaanmtnc	ccccgannnn	gnntttnnnn	180
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	ttttcnnncc	ccnttttttt	240
tttcngnnnn	nnnnnnnnnn	nnnnnnnnnn	nnngnggggn	nnnnnnnnnn	nngggggggg	300
annnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	cnnnnnnnnn	nnnnnnnnnn	360
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	420
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	480
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	540
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	600
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	660
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	720
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	780
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	840
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	900
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	960
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	1020
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	1080
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	1095

<210> 4457
 <211> 744
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(744)
 <223> n = A,T,C or G

<400> 4457						60
tttnttcctt	cctetaatcc	ttttancgcc	tttctgcagg	atcccatcga	ttcgaattcg	120
gcacgagggg	tcttccaaga	gtttggggcg	cggacnnnag	taccttgctg	gcagttatgt	180
cggcgtntgt	agtgtntgtc	atttcgcggt	tcttacaaca	gtacttgagc	tccactccgc	240
agcgtctgaa	gttgctggac	gcgtacctgc	tgtatatact	gctgaccggg	gcgctgcagc	300
acggttactg	tctcctcgtg	gggaccttcc	ccttcaactn	ttttctctng	ggcttnatct	360
cttgtgtggn	tgagtttntat	cctagcgggt	tgctgataaa	tacngatcaa	cccacngaac	420
aaagcngatt	tccaaggcct	ctgcccagag	cnagcctttg	ntgannttct	ctttgccagc	

accatcctgc	accttgttgt	natnancnta	ggtnctgaa	tcattctcan	ttncntaatt	480
gangagtang	anactaaaag	aatgttgact	ctttgaatct	gctggataag	agactngaga	540
tggcagctta	ttggacacat	ggattttctt	cngatntgca	cttactgcta	gctntgctan	600
ctatgcagga	gaaaagccca	tagttactgc	gtgtnacaac	aactntctaa	cnaacattca	660
ttaatccann	ngannccttt	caangaatgg	taancctatg	ccnttcaana	tactgaactt	720
nmtgccactt	ntggcaaaaa	aaat				744

<210> 4458

<211> 809

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(809)

<223> n = A,T,C or G

<400> 4458

tatcacatat	acacatatgt	gtcccatata	cacatatata	catatgtgta	cccatataca	60
catatacaca	tatgtgtacc	catatacaca	tatacacata	tgtgtaccca	tatacacata	120
tacacatgtg	tacccatata	cacatatata	catgtgtacc	catatacaca	tatacacatg	180
tgtacccata	tacacatata	cacatgtgta	cccatataca	catatacgca	tatgtgtacc	240
catatacgca	tatgtgtacc	catatacgca	tatgtgtacc	catatacgca	tatgtgtacc	300
catatacgca	tatgtgtacc	catatacaca	tatacgcata	tgtgtaccca	tatacacata	360
tacgcataatg	tgtacccata	tacatatata	tacctgtgtc	ctatatatac	acacacacac	420
atatatatata	ctatatatac	acatatatat	acacacatat	atatatacct	ggatcatttt	480
ttaaaatgct	caacagtaca	cacatgtaac	agcatttcag	tcaatggntg	gactgcatat	540
ttgatgggtg	cccataatat	tataacggac	agaaaaattn	caatcaccta	gtgaagcata	600
gcacaatgca	tttaattactc	ttgggggttg	ggggcatggc	tgggtgtaaac	aaacctacca	660
tgctgncagt	nccataaaca	tatagcatat	atagggtata	tattataactt	naataataac	720
tatgggtgntg	gggtaagnat	ttaatgnatt	taccatggnt	ttaaaganaa	ctcctcctac	780
ttttttccaa	aagtactnta	aaacannnn				809

<210> 4459

<211> 840

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(840)

<223> n = A,T,C or G

<400> 4459

agggccagtt	tgatcattcc	aaagatgggt	ggttaggccc	cggccctatg	ccagctgtca	60
caaagcggca	aatggacact	caagaaccaa	gatgatatac	acctccatca	agacagctcg	120
gaaaagtaaa	agggcacag	ggctgaggat	aaatgattat	gataaccagt	gtgatgttgt	180
ttatatcagt	caaccagtat	taaaggcctg	cctgatatac	aaccctcgaa	tgcaacacag	240
tgtccttctg	aggccactct	aaaggccagg	aaagggtttg	taagaagtct	gtgctgttaa	300
aaacagaaga	aaaagaccct	tatcccatg	ctctgtgtct	ggtggctata	gggatagtat	360
ttcataaaaa	aagaaaggca	aaaataattt	tcaaaaatga	ttcaagaaat	gctgtcaaaag	420
atagcaaaaag	aacagagtcc	tcagagaaca	gtgcccagga	caggataagc	actcaataac	480
atataacact	gggtaagtct	tgttgagtgc	tggctgggtg	ttgagtgtca	nctattgggtg	540
gagtgcctgt	tgttgagtgc	taactgctta	ntgctanctg	gtgnttgagt	gcttgggttg	600
ttgaagtgcc	tnncttgttt	ggttgagtgc	ttgttgggtg	aaatgcctac	ctggttgggtt	660
ganntgattg	ttggttgant	ngctaaccnn	ttgtttnatg	cntnctngtt	gttgaatngc	720
tttgtngttt	aaagctaacn	tgtttnttgn	atgctttgtc	ctggcctggg	gcccttnttt	780
ttaccctctt	gatgtnccat	ttnttccatt	taactttccc	caattncctt	ntttgggnnc	840

<210> 4460

<211> 980

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(980)
<223> n = A,T,C or G

<400> 4460
ttcctaattnc tnggctctcg ttctttttgc aggatccctc gattcgaatt cggcacgagg 60
aagccnaatt gaattgtggg aacaggaaca ttcaaaggca tttatggtga atgggcagaa 120
attcatggag tatgtggcag aacaatggga gatgcatcga ttggagaaag agagagccaa 180
gcaggaaga caactgaaga acagccaggc tggctctgaa ttcctgacct caggtgatcc 240
acctgcttcg gccttcctaaa gtgctangat tacagggtg agccaccacg cctgggctaatt 300
tttgnatttt tagtntaaat ggggggttntt ncaaagcttg gnctttgaan ttncccaanc 360
ttcangnggg aatncccncc ncccttttgg gcttcccccn aaatggcttg nggantttcc 420
annggcntt taagcccaac cnttngcccc cngnccctgg aatngntttt ttttgaaatg 480
gaattttttt taataaaatg ggggtttttt cnaggccatt tttaaaaaaa cccntttana 540
acttgatttt ttttaaaatt attattttaa aatttccttt ttttaaaaac ctccaaattt 600
ttaaatgggt taaaatattt taccttggtt anccaccttt aaacttaagcc tttttcntgg 660
aaanggtttg ggtccntttg gagaatnaag aatttgga aaatggacca ggtttngttt 720
ggatttttct tgaagggtaa attttacctt caaaattttaa aattattatg gtattgtggt 780
accntttgaa aaaaaaaaca tnttntannn cttntntnct ctaannccctn cttntnttat 840
aaaaaaacct ncnnggggcc cttttaaaaa ctttttttgn gggnggtcc ctttttttac 900
cngntanaat ncccnaacc ttngatttan ggnnanncct tttgnttgaa atttttgnnc 960
aaaaccccc aatcttttgn 980

<210> 4461
<211> 761
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(761)
<223> n = A,T,C or G

<400> 4461
tgggnnnnnn nagngtnggc ttttcttatt ntggctgtaa ccgntngnag cncgcacnca 60
aannggctgg gncgaattcg gcacgagggt tggaaacagca gcactataca tgaaatataa 120
accaaanaacc tttactgttt ctaaatttcc tagattgcta ttatttggtt gtaagttgag 180
tattccacag aaagtggtaa ttatctcttc tctcttctc cattagaaaa ttaggtaaat 240
aatggattcc tataatggga gcatcaccac ttattaaaac acacatagaa tgatgaatta 300
aaaaagtttt ctaggattgt cttttattct gccacattta ttgataaaca gtgaaggaaat 360
ttttaaaaaa tttttaagaa ttgtttgtca cgctattttt agaaatgttc tacctgtata 420
tggtaatgtc cagtttttaa aatattggac atcttcaatc ttaaaccattt ctatttagct 480
gattggttct cacatatact tctaaaagaa acttttatgt tataagagtt actttttgga 540
taagatttat taatctcagt tacctactat tctgacattt taggaaggag gtaattgttt 600
ttaatgatgg ataaacttgt gctgggtgtt tggatcttta tgatgctgag ccatgttctg 660
cactggtgct aatgtctaataa ataatnttat atttacacac ataccgtgct acccagagat 720
taatttantc catangaacc attgacccat tgttcattga c 761

<210> 4462
<211> 753
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(753)
<223> n = A,T,C or G

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<400> 4462
gnnnnnnnnnn nagngtttga antcctcctt ngaaatcctt tggcnactcg ctctttntgc      60
aggatcccat cgattcgaat tcggcacgag gggcaatgca gttataatac tgtgttaatt      120
tcagacatct tctgttcctc cgagccttgt atttacatac tagctgaaac tgcaagtgga      180
aatgaatgga gctgatgata tttgccttat cctaattttt ctgtgaggag gagaaaaaca      240
cttgtgcttc aaataagcag atgtgaaaac acttctcact aatcaaaatg tttaccacta      300
ggttatgaga gtctgcctct cataggcagt gaatctgata tgtatactta gtaatataag      360
tctatttagt ttgacaaaac cttagagcag aatttttgca gcttagttca ggatgatcac      420
tagcaatgcc aaacttcatt tttattgaa cttggatcca agaaggcctg ctgtgtctat      480
ttcagtatag actctcatac caatatattt atgtccaag tcactacacc cagaagtgat      540
gcagtggggg aaatgcaaag acaacatcac tgtaagattc acagaatgga tcttttgtaa      600
aatattttat attgacttaa ggaaaacctt tcattgggaa ttaattaaat taagtctcta      660
atatcctgga agacagtaaa aantnaagcn ggtgntctca antttgaacc cggcnatng      720
naatttcatt ataggaaatt ctgaaaataa tcc      753

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<210> 4463
<211> 913
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(913)
<223> n = A,T,C or G

```

```

<400> 4463
gcgtccnttt tcaacnttgc taategctgg ctatcgttct ttctgcagga cccatcgatt      60
cgaattcggc acgaggccat gggccgccgc cccgccggtt gttaccggtg ttgtaagaac      120
aagccgtacc caaagtctcg cttctgccga ggtgtccctg atgccaagat tcgcattttt      180
gacctggggc ggaaaaaggg aaaagtggat gagtttccgc tttgtggcca catggtgtca      240
gatgaatatg agcagctgtc ctctgaagcc ctggaggctg cccgaatttg tgccaataag      300
tacatggtaa aaagttgtgg caaagatggc ttccatatcc ggggtgcggct ccacccttc      360
cacgtcatcc gcacaaacaa gatgttgtcc tgtgtcgggg ctgacaggct ccaaacaggc      420
atgcgaggtg cctttggaaa gccccaggc actgtggcca ggggttcacat tggccaagtt      480
atcatgtcca tcgcaccaa gctgnataac aaggancatg ttattgatgc cctgnnncag      540
ggccnanacc nagtttntctg gccttnntan cntanngatn ttngaganaa gtntcatttt      600
aactttntctn tgnctatatn ncaanggttt tanntttngt ngantgaaaa agcgggcttc      660
atcccaagat ggnctgtggn ggtcanagtt ncattccena gtngtnnncc cttntggana      720
anttggctgg ccccttgcac tcattgacgg ccttcncaat tgggtgctnna ncccccttt      780
taatttcttt aatcnaatnn actttattac ctttncctgg ctctaantct aatnntctca      840
tctncatctn taatntctna cactaccnan ntttnttca ntattccent cnaacctnat      900
caaacttttt ncg      913

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<210> 4464
<211> 1274
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(1274)
<223> n = A,T,C or G

```

```

<400> 4464
tttttngggg gggttttttt nnnnnnnnnn ggggggnnttn nnggggggcn gnttttttnc      60
ttaaaanagn ngactggnnn ngctgaaaaa ctcgggcctt ggggggannnn gnccccccnc      120
gaaaaacanc agggaaaaaa angggggggg ctgggggggg gggnnnnnan nnnnnnnnnn      180
nnnnnnnnnn nnnnnnnnnn nnggnnnnnn nnggnnnngn nnannggnnn nnnnnnnnnn      240
nnnnnnnnnn nnnnnnnngg nnnnnnnnnn nnnnnnnnnn nnnnnnangn ggnnnnnnng      300
nnnnnnngnn nnnnnnnnnn gnnnnnnnnng nnnnnnnnnn nnnnnnnnan cnnnnnnnnn      360

```

gnngnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnngnnnnnn	nnnnnnnnnn	cnnnnnnnnn	420
nnnnnnnnnn	canaaggggn	nnnanncnnn	nnnnngnnnn	nnnnnnngnc	nnnnnnnnnn	480
ngnnnnnnnn	nnnggnaaga	angnnncnna	cgagnnnnnn	gannnacgan	nnnnngnaaa	540
cnnnnncnag	ngccgnatna	gancacgaat	ngnggagagg	ancngannan	gnngggnnnn	600
ggnaaangnn	ncgnaaanga	annggnacca	gnngggannn	cnnnanngga	ngncnnnagn	660
nnngnnnggg	nnncnnnaac	ncnngggggn	nannanngna	nannnggnnc	tnnggggnnn	720
nnnnnnnnnn	nnnnnnnaann	nnnnnnnnnn	nnnnnnnnnn	cnngggnnnn	gggnnanann	780
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnannannng	nncannnnnn	840
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	ngnnnnnnna	nnnnnnnnnn	900
gnnananann	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	960
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	1020
ngnnacaann	ncnctngnn	ggcnctngna	ngnnncncaa	nannntnnn	gnnnnnnnnn	1080
tnngngncaa	ananggggn	annnantnnn	nnatggggg	gggacnaaa	tnnccnccct	1140
nattcaanna	ntggnggaaa	aaactggngg	nnnaanantn	aaaccccaga	ngggcnnaaa	1200
ntcattcctt	accaaaaggg	ttangacctg	gnaancctng	tgggcnaaa	aggtntctnaa	1260
acattcmttt	nanc					1274

<210> 4465
 <211> 1039
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1039)
 <223> n = A,T,C or G

<400> 4465						60
atggnnnnnn	nnnnntttt	ttttggaaaa	aaannncccc	cccttttttt	ncctnaaaaa	120
attgggccnt	tttggggcaa	aaantttngg	ccctncttcn	tnctttgggn	tnttgnnnat	180
nnccccnatt	cggnnathtt	nccggaaaat	ttccggggcc	naccggnaag	gggnattagg	240
ccctttnana	nagncccaaa	nggtntntta	cccaaagggn	tataattttt	aaagnnatgg	300
gggnaccagg	gtgtntngcc	ccaatttagg	aaagggaat	ttntctnaa	atnaagttgg	360
gggtntannt	ggccangtgg	ttacctnggg	gcattnggna	aatatnttct	tgggaacttg	420
aggtntaaac	tggaaangga	gnagccctna	aacctatagt	aacttcannt	ccccacaagt	480
atactagaat	tngtgcatcc	tcgatttata	ttgcaagngt	ntcaaangtg	tactggnnac	540
acaaatagaa	acactgcaa	cttggtgtaa	cttaagctnn	catttaacta	aaacattntt	600
ttcttgcaaa	acttatttat	tcatgatcaa	ttttntgggt	atntattata	ctttgattcc	660
taaattagtn	catccttgaa	tctatgaaac	tggtgcagtc	attatgcccn	naaatnntct	720
naaaatata	taatgggtca	ccttnctgnt	caaaggggtg	gtgcaanggn	cttgagcat	780
tnntacatnt	tgtgctttgn	tangaaaatg	taaactctna	ggctccacaa	nttnactttg	840
ctgcattttt	taacaaanaa	tcccgaangg	gatatgtaat	gtcataana	aatttgggac	900
anctgggttc	nantggaaaa	angggntctn	aagggnatgg	cataaacttg	gtggtnccgg	960
tnanggnntt	naaggccttt	tccaacttta	nannntttc	tgattttgga	antnttccan	1020
tnngntntaa	naacctnnnt	tatatatcna	anattagggg	cccttnaaaa	aaanncttat	1039
ttngtctagn	aaacctntc					

<210> 4466
 <211> 931
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(931)
 <223> n = A,T,C or G

<400> 4466						60
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nnnanccatc	ganacnaatt	cggcacnaag	ggcttccggn	taaaccantc	angggatatnc	180
cnatgnntaa	gncatcctng	gncngnntat	aacnggnccc	attcanctgt	nanatananc	

ttcnaanttt	ntcnacann	gnnnanattt	tnnntctgca	atnnnanagn	naaccttntt	240
nnnnnnnnnt	aangaggcag	nnagctacct	ttgaangaac	tacttgnaa	cntnntnttg	300
naattcaang	nnaancntc	ttntntcna	nnntnttant	gttgcnnnnn	nctcaantcg	360
tatnnncatg	ngggctccca	tcacntnttt	acttataant	antngnttan	aaannntngn	420
cctantatag	gggnatncnt	nttnnnnann	nnnttcntn	caaataccaa	tctngnaang	480
aattnnccnt	ttctgnaatn	caattattna	angannaatn	gntnnnctan	tncattnnnn	540
nnctantant	ttcncnnenn	nnctttgnaa	ttcncnttat	accantaaa	tngctactnt	600
taatnaggat	tnanagtacc	cannttgcnt	ttnttncaca	antntaancn	ntgcattatn	660
taaaatcann	naagncgana	aattntnttc	naaccccnng	cnncaaanta	ccnattttcta	720
atanngacnt	annngnnnnn	annnccctaa	nannatatac	nanatntntt	nccnnacant	780
ccnagagtag	aantcccctt	nntcacacnn	ntctctanta	cncntnaatt	ttcnnntacan	840
atataaanta	ntttntctna	ttaangnnnn	ntnnaaantt	ctancnaann	tanattancn	900
ancctctnan	ataatcnttt	ttnnngnatn	c			931

<210> 4467

<211> 804

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(804)

<223> n = A,T,C or G

<400> 4467

cnaatncttg	gctactcgct	ctnttgccag	atccnttttg	acgcntttgn	acgnccgtat	60
ncttcaacca	atgtctagtg	cacntatcct	ntntaacnca	naattctcaa	accagntttt	120
acaacatttg	gtaggatnct	ataaagnct	aatcntattc	tggatnatga	cgaattttgc	180
atgctaantc	tttgnancnn	gtcnccccgc	aagntgcntt	acatgtacag	attcgtgtaa	240
ccacgtgtaa	ccacataaaa	ctnatgaaca	caaagtccct	catgctacct	tctatgctta	300
cactcnancc	aaacctaach	ctgccaaccn	ctnntctccn	atcaggatca	ttncntcann	360
tcatgaatnn	ganagaantn	aaattgtntt	tgcacatggt	atntataaat	tttatatnga	420
taagccatnt	gaatgcttat	ngatagagag	tctgtgagct	cntggcattt	ctggcactna	480
gcanattacn	cctaaggntt	atatgagtag	annaanagnt	gtattancat	nanntntnac	540
caccatgnat	cngacccgat	gaaannnggt	nataatntgag	agtngtgtac	aggatttntat	600
gtgnaaatcc	gnatnnattc	ancgatgaga	natattgcac	tgtnttcccn	ggtcntaach	660
gccttggnat	naaanatgcc	ttgggaaaaa	tgttatcaaa	nnaacntnna	ncagcccnan	720
gggnaaaaac	cnnangaant	tcagaggcnt	cntngnacca	antntggagg	nnnaaaaanac	780
cngggncncc	tgganantaa	ttcc				804

<210> 4468

<211> 1116

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1116)

<223> n = A,T,C or G

<400> 4468

tantacntan	ctnanccntn	tggcntnagt	ccgtccncta	tgcntgtng	cttaaattac	60
tgncgcgtta	aacgtcggac	tggaaacctg	cgtaccaact	aatcgccntn	agcaaatcc	120
ccttttggca	gctggcggtta	aaancaaaaa	ggcccgaacc	gatcgccctt	tccaaacagt	180
tggcgcaacc	ctgaatgggc	gnaatnggaa	ccccccctgg	taagcngggc	ccaattaaac	240
cccggccggg	gtggtgggtg	ggttaacccc	gccaaccggt	ggaanccggt	ttacaacntt	300
gggccaagcg	gcccccttaa	accggcccc	ggctttccct	ttttcggcnt	ttttcntttt	360
cccccttttc	ccntttttct	ttcggcccca	accggttttc	ggccccgggg	gcnttttttt	420
cccccccggg	tcnnaaaggc	ccttcnttna	aaaaattccg	gggggggggg	cctttccccc	480
nttttttaaa	ggggggggtt	nccccgaaa	tttttnaaaa	ttgggccttt	ttttnaaccg	540
gggggnaanc	cccttttggg	aaancccccc	ccaaaaaaaa	aaaaaacttt	ttgggaaatt	600

taaagggggg	gtnggaaatn	gggggttttc	caaacgggtt	naaantnggg	ggggncccca	660
atttcgggcc	cccccttgn	aataaagnaa	accgggggtt	tttttttttc	ggncccccnc	720
tttttgggaa	ccggttttng	gggaagggttc	cccaaccggg	ttttcctttt	ttaaaaaataa	780
agngggggga	acttcctttt	gggttttnc	naaaaacctn	ggggaaaacn	aaaacaacct	840
tttaaaaacc	cccttaattn	tttcnggggn	cctnaatttn	cnttttttgg	gaatttttnaa	900
tnaaangggg	gaattttttt	ggccccgaan	ttttccgggn	cccttaattn	ggggnntaaa	960
aaaaaaaaatg	gaaagccttg	aanttttnaa	acaaaaaaa	aattttttaa	ccgccgnaaa	1020
ntttttnaac	chnaaaaata	nttttaaacg	gccttttnaac	naaaattttt	cccttggaag	1080
ggccnggggg	gnaaaaaaa	aatttttttt	tttttt			1116

<210> 4469
 <211> 766
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(766)
 <223> n = A,T,C or G

<400> 4469						
aatncnagct	ctcgnctctt	ttgcggatcc	catcgattcg	ctagtctgag	tttttttttt	60
tttttttttt	catgaaaata	tagtcatcaa	atattttttc	attgggatgc	cattttttga	120
agaattccta	agactaatgt	ttcttgacat	gcaagagtta	gcattaatag	cttacgttac	180
tataaatact	gctgcttga	agcagtacaa	ctgttttaga	gttttaagac	tacagacttt	240
cattactcaa	atcttattca	gtaaatgtaa	aaatcagaag	gttctgaaca	gctggtagg	300
aaggtagcca	agatgcagga	aagatgtctg	cgcctccttt	tcaagggcag	ccaactnttg	360
aacagtaggt	gcccaaaaata	tccacatggc	ctttatagct	ttcaccacca	gcagcccttt	420
tntgaccgta	ggtaactttc	ccatcaaatt	catccactgg	tacctttata	tccggntnaa	480
cctgagaaat	ggtncagttc	aggngttctt	ctatctcaga	tagtaactgc	atctcgttgt	540
accataggtg	caagcctcat	cttccttgag	tcttggggta	taacaccctt	ttccacggnt	600
gctacataca	tggnacnaa	ccataaggaa	caccnggat	atcaattcct	ntagcagntc	660
atctgngcaa	atcaagaatc	tttacatctc	cttcttaaan	cttttccaag	tttgcctttc	720
tctcatgggc	cattggaaat	ttctcaaaat	aatgaccagg	ttttct		766

<210> 4470
 <211> 926
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(926)
 <223> n = A,T,C or G

<400> 4470						
annnnnnnnn	annnnnngnn	ggngnnnnna	nnnnnnnnng	aannnnnnnn	nnnnnnnnann	60
annnangggg	gnnnaacnnn	nnnnannnnn	nnnnagnttg	aattcctaaa	gccaaaccnc	120
nnntttggca	ggaagcannc	agncnngggg	tccgcaacgc	nggnaagnng	acagnnnnga	180
aaanaaatnt	ttngcagaca	aggatgtcaa	ggngngnggc	ggngngnataa	cacncggcaa	240
gtgggacagc	nttgaacaan	aacnagnagn	cgncnggaac	ngcctaaccg	gagccnanng	300
ctcgaanaag	gaaataagga	agccacangg	nangcagacc	tactganac	atgaaccag	360
cgcanaggtg	gcggancngc	ncnaaangac	nagagaggca	nagngaaaaa	anncatnaat	420
gccngncnng	agaatgaana	acagcgctac	aacaggcatg	nggatatggg	aaacaacnan	480
tggggacnag	anacnnaggg	aangnacggg	annaaaaaag	gggggggantt	naanncnccg	540
angggaggng	cgagnacnca	ntggaaagaa	agggaagaca	ntncacggaa	ancnganctg	600
acaaangatg	aatangnggc	cacagggagg	aagggaactg	gcctgagagg	gaanaaancg	660
gnacnnaang	aanggaaccc	agggccaaag	gcaccaanaa	gaaaaaanc	ccngaaaaaa	720
aganggggna	ntatngcct	ggggggggna	aaagcccacc	aanttaaagg	canaaaaggg	780
gggggnaaaa	acnctggnt	nmcaancaan	aagggggggc	ccnccggggg	gggggnnccc	840
ncgaaaaana	aaacnggggg	ggggnttnan	gngggngggg	nnncnaccnc	ncccnngaaa	900

aaggggggca aaaaaaaaaac cccccc

926

<210> 4471
<211> 924
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(924)
<223> n = A,T,C or G

<400> 4471
acaccttggg tgcnngcacc gcatnanaac ccantcccac cacannncan gagcnnngtng 60
nncnctnttg gagngggcnn agngatgncc cgaatccgtg ggctactagg gagccctcac 120
ttgggctacn ggggtggaggc ccatgatatt gnggcctcaa agatgttatg attcacctcc 180
atcaannccc ngaantgaat aattcttcct atcanttaat nanggtgatt acccagnaga 240
atgccattnc ggtntgcntt ggtatttnac aaaaagaanc tgggggaacc acttgggtgt 300
gacattttat gggttnaaaa taatgatctg gnaaattgcc ccggatccnc catgggggaa 360
tgatagatcg acaaggtcta cttcatgggtg ggagatatga ttaaangaag ncnatggcca 420
ttgnggttng gaaataatcc ananggantt ncanccaatt actgnaaaaa aanttnnttg 480
gaagngnca cccctaaaaa tctntcccag ttnttagagn ataccntta cttccttaaa 540
naagggtatt gttgaaanng ncanttttnc aaatntaatn ccaaacanag gncnaccctt 600
aatnaccntn gccaaagnag cnngttttgn ngatttttcc caaaaggag naanattcct 660
ttcngnntt tggcgaaact gtagnanaat tcccnmttt gnggtgggcg gnnnttagcc 720
cnmttctaaa aaaanggang ngaacccct tgtgntttcn tattccagag cccgctnntc 780
ctcngtaaan aananaaata aangnccant tnttttatnn anagaaattg ggncccaatc 840
ttanggacnc tttttgtggg aancttatna ttcccnaca tacacaaaaa aaacancctc 900
nccgnccct ttnnnaactt tncg 924

<210> 4472
<211> 902
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(902)
<223> n = A,T,C or G

<400> 4472
ttcagaagaa cgcacagatg aaatgacaca taaagaaaca aatgagcang aagaaagatt 60
gtcgcgccag cttcttcact aaatcatccc gcagcagcag ggactcggtc tagcaaggcc 120
atcttggtgc cggaccttcc tgaaccaaac aatgagcctt tatcttctcc agcgtcagaa 180
gttccaagga aagcaaaaagc ttaaaaaata gaggttcctg cncagctgaa agaattagtt 240
tcggatttat cttctcagtt tgatcatctca cctcctgctt taaggagcag acaaaaaaac 300
acatncaata agaacaagct tgaagatgaa ctgaaagatg atgcacaatc agtagaaact 360
ctgggaaagc caaaagcgaa acgaatcagg acgtcaaaaa caaaacaagc aagcnaaaac 420
acagaaaaag aaagtgcctg gtcacctnct cccatagaaa ttcggctgat ttcccccttg 480
gctagcccag cttgacggag tcaaagagca aaccagaaaa aactacngaa gtgacaggga 540
acagggtctt ggganggacc agaaagaaac tgtntttctt ttnccaaagc anaattttac 600
gccaanaaaa atgcttggtt antttttttg gggaagattt ttaatgtacc cccttntttg 660
gtaaaggtca ntcaaaaaat aggtggnggg gattanttna aaataatntt aanttttggg 720
naagnaaaaa ataanttttn tttttnaaan ttntttgggt aaaaattttt ttntgggttaa 780
aacaagaaag gggcttttca anttaagggt aaaggtnaac ctcccntnt tggngngngg 840
aattgggttt caaattcccn cgggccaaaa nmntcccta ntttttaata ttttaaanac 900
tt 902

<210> 4473
<211> 816
<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(816)

<223> n = A,T,C or G

<400> 4473

gnnnnntttc	naatnccttt	cctaatacna	gctctcggtc	tttttgcagg	atcccatcga	60
ttcgaattcg	gcacgaggac	ttctgaagaa	catgaagcaa	gcagaagggg	gaaagcggag	120
ctgctgggtc	agatggatgg	tgttgagggt	acttctgaaa	atgatgacct	ttccaaaatg	180
ggtatgggtc	tggcagctct	aattttccct	gggatataga	tgaggcttta	agacgacgcc	240
ttgagaaacg	aatctatatt	cctttgccgt	cagcaaaaag	cagggaggag	ctattaccaa	300
taagtctacg	tgagttggaa	ttggctgatg	atgttgacct	tgcaagtttn	tcagaaaaca	360
tggaagggta	ttcaaggnc	ggcatttcca	acgtgtgcag	ggatgccttc	cttgatggca	420
atganaaagc	ncnttgaang	ttttgactnc	caggaaatcc	naaatctttt	cnaagaagaa	480
atgcncatgc	ctacaactat	ggaggatttc	nagatggctt	tnaaaaaggg	ttctaagtca	540
gtgtctgctt	gcagacatct	gaaaagatnc	cagaaatgga	tatttgagtt	tggatcatgc	600
taaatctctc	atgtnaactg	tgagaaatgt	gcccttaagt	ggtttgaata	ttaaagccc	660
gtaattcatt	ggactggagt	gcttatattt	tttttaact	ttcattaatg	gtaagaattt	720
tttttaaaaa	aaanccctta	tgaattcttg	naataaaagg	ccaatatttt	ttnaagcctg	780
gaaaaaaaaa	aagccctntt	agaaactntt	tgtgga			816

<210> 4474

<211> 878

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(878)

<223> n = A,T,C or G

<400> 4474

ttcctaattc	ttggttctcg	natctctgca	ggatcccttc	gattcgaatt	cggcacgagg	60
ggggaaaatg	acagaggaaa	aagagaaant	ggancagana	aaaatagtgg	aagaaatnat	120
agctaaaaaa	ttcagaattc	agtgaacang	agaaatttac	agatatacng	tcatatgctc	180
aagaaacacc	aatgngaata	aatatttann	antcccacgc	tggttcttgc	aaactttttg	240
aaaaccaann	ttgaanagca	aatnttgnaa	gcacatgata	aaagccatnc	cnnaatnat	300
ccagttaatt	ggcttgactt	cttactggaa	accctttnnn	accanaaacg	gncttggaat	360
aaacnttttc	aagggttcct	ntaaagaana	attcgnaaaa	ntnttaaccc	ccaatttttt	420
ttttttttta	mntgaaagac	nccncttntg	tncccaggt	tggnagtttc	ccnttccgnt	480
gcccnnccct	tangnnaact	tttttgagg	gggnaactcn	tntgactttt	nnnccnnggg	540
ntnnnccctt	mnttncctng	cccnntttcn	tnnttttgac	ntttttntgn	gcnnntncang	600
gcnttnaann	ccnntgaccc	ccttcnaant	ncatnggngg	gaaacngggg	ntaannggca	660
tangctcttt	tatttaagaa	agcaccnncn	naatccccct	aaacttttct	tnaattnacc	720
cttttnggga	cccctctagg	ncngcttnnn	tgntttaccn	ngntccncca	aanttncnaa	780
cttggnaaac	mntnttgnaa	ntccnggggg	aatataggna	cctttggaat	ttttaaannc	840
ancctnannt	ggcnngccct	ttgggccttt	anaaanct			878

<210> 4475

<211> 714

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(714)

<223> n = A,T,C or G

<400> 4475

gngnntntat	agcangctct	tgttcttttt	gcaggatccc	tcgattcgaa	ttcggcacga	60
ggtaaggct	cagtcgccag	catttcccaa	cacaaagatt	ctgaccttaa	atgcaaccat	120
ttgaaacccc	tgtaggcctc	aggtgaaact	ccagatgccca	caatggagct	ctgctcccct	180
aaagcctcaa	aacaaaggcc	taattctatg	cctgtcttaa	ttttctttca	cttaagttag	240
ttccactgag	accccaggct	gttaggggtt	attgggtgtaa	ggtctttcat	attttaaaca	300
gaggatatcg	gcatttggtt	ctttctctga	ggacaagaga	aaaaagccag	gttccacaga	360
ggacacagag	aaggtttggg	tgtcctcctg	gggttctttt	tgccaacttt	ccccacgtta	420
aaggtgaaca	ttggttcttt	catttgcttt	ggaagtttta	atctctaaca	gtggacaaaag	480
ttaccagtgc	cttaaaactct	gttacacttt	ttggaagtga	aaactttgta	gtatgatagg	540
ttattttgat	gtaaagatgt	tctggatacc	attatatgtt	ccccctgttt	caaangctca	600
gattgtaata	tgtaaatggt	atgtcattcg	ctactatgat	ttaatttgaa	atatggcnctt	660
ttggttatga	aaacttttgc	agcacacttg	aaaagctgnc	tgtggatcat	tgng	714

<210> 4476

<211> 786

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(786)

<223> n = A,T,C or G

<400> 4476

ggttcancga	atgcctgtgg	aanccgcctt	tctctncagn	agcccntcga	tncgtnttga	60
actatcaact	agatcnggga	agatagaaca	ggcntttttt	ncatngcctc	gttnacaaag	120
ngtcatcacg	aaaagtgttc	ctctaggaag	gcataatatg	tggccngatg	gatgtgatga	180
gtagattgta	aaagggttgg	gattctggca	gaacangaan	agatnactna	attattggaa	240
tcaactgaga	aaagagnnca	ttagcatgcn	ggctaataga	ccctaataana	acnggggtgtg	300
aaaagatggg	atctggacct	agaggcagtc	ttagagccat	aatnctngat	ttctnctttn	360
ngngaaagcg	acaggtactt	ntggcnctgag	gccataaatc	agntntatcc	taaattggaaa	420
actatatncc	actgggggatg	gtaatcaccc	tttngataag	aaagggtaga	anccacaatc	480
ttcaacagaa	atggaactta	tcaatntaat	tnaagaatcc	tcaacagtac	anttttaagg	540
nnatggaacc	ccctgtgnna	anccccangtt	ccnactgccca	nngcctnanc	aatcctatta	600
tnactgatta	gcnnnganaaa	agaangcngc	anccenttnc	naattttttn	tttancnncn	660
ggnantnccc	ntgaaaggta	ancccttntt	naaaggggga	aattcnaccn	nanggagcgn	720
nnnnggcnnng	gngaaattnn	ccttgaaccc	cccnaggcan	aaangttgct	tnttancccc	780
agancec						786

<210> 4477

<211> 723

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(723)

<223> n = A,T,C or G

<400> 4477

gcgntctaata	gnnngctctt	gttctttttg	caggatccca	tcgattcgaa	ttcggcacga	60
ggaagctccg	agtacctgcg	tgccctcttt	gtctacgaga	agggggctcg	ggtgcttctg	120
gttccagaca	ataccttccc	cttgggctat	tacctcatcc	ctttcacagg	gattgtggga	180
ctgctgggtt	tggccatggg	agcagtaatg	atagctcggt	gtatccagca	ccggaacagg	240
ctccagcgga	atcgacttac	caaagagcaa	ctgaacagaa	ttcctacaca	tgactatcag	300
aaggagagacc	agtatgatgt	ctgtgccatt	tgcttgatg	aatatgagga	tggggacaaag	360
ctgcgggtac	tccccgtgtc	tcatgcctac	cacagccgct	gcgtggaccc	ctgctcactc	420
agacccgga	gacctgcccc	atttgcgaagc	agcctgttca	tcggggctct	ggggacgaag	480
accaagagga	agaaactcaa	gggcaagagg	aggggtgatga	agggagacca	agggaccacc	540
cttgctcaaa	aaggacccca	cttttgggtt	ctagccccac	tctttccacc	ttctttgggt	600
ccttttagccc	cagctnccct	ttggtttttc	ctggggcctt	tnaacagatc	ccccactgtc	660

cccttccttt tncctgtaa tcttgncta ataaccccc acaacttaca cctttggggg 720
acc 723

<210> 4478
<211> 764
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(764)
<223> n = A,T,C or G

<400> 4478
naatagcagc tcttgttctt tttgcggatc cctcgattcg aattcggcac gaggctgtcc 60
actccagttg cccttggcta agtttagcct aacacacagg gttttgacct atagtcttaa 120
aatacacaaa ttttgagact acagcacttc tttggaaaga ggaagaatgc aaagttcagt 180
atttcaatac tttgtatttt acttgaaatt acccttagta gcatcttttt tttcctgtct 240
gaaagctttt gtgtggatga gaaggacat ttcatttcct cccttaacaa agtgtcattc 300
tgaggttctc atgtgtgttt ttggaaatag agatactggg tttgtagagt ttgcctttgg 360
gtatgttntc ttttttctt aaatctccaa ggaagagaac tgactaaaat agtaggaaca 420
tgaaagtatt aaatgccaat taatttgttg tagtaaagta tcttcattag cgttatactc 480
catcatatct ggtgtaaact gctcacagaa aaccctatga aaccaaaggg ggaccattca 540
ggtctaaaaa gcgacaggtc ccgagactgg gtctgtcacc tgggcatttt caaagaggac 600
atthttggaag aatttgcata ttcagatttt taaaatgcac ttaacatact tcattacaga 660
attcttgggt agggangatg ggataggcca nggatgggat ggaatcagtc tgcctgggaa 720
cttaatnccg aatcatttan ccttctggat taacccttgg ncng 764

<210> 4479
<211> 836
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(836)
<223> n = A,T,C or G

<400> 4479
gaggaaatca gtacgctgag gggccaagtg ggaggccagg tcaagtgtgg aggtggattc 60
cgctccgggc accgatctcg ccaagatcct gagtgcacat cgaagccaat atgaggtcat 120
ggccgagcag aaccggaagg atgctgaagc ctggttcacc agccggactg aagaattgaa 180
ccgggaggtc gctggccaca cggagcagct ccagatgagc aggtccgagg ttactgacct 240
gcggcgacac cttcagggtc ttgagattga gctgcagtc cagctgagca tgaaagctgc 300
cttgggaagac aactggcag aaacggaggc gcgctttgga gccagctgg cgcataatcca 360
ggcgtctgac agcgttattg aagccactg ggcgatgtgc gagctgatag tgagcggcag 420
aatcaggagt accagcggct catggacatc aagtcgcggc tggagcagga gattgccacc 480
taccgcacct gctcgaggga caggaagatc actacaacaa tttgtctgcc tncaaggctc 540
tcttgaggca gcangctctg gggcttnttg ctgtcctttt ggagggtgtc ttcttgggta 600
naagggatgg ggaaaggaaa gggaccctta cccccggnt nttttcttg accttgccaa 660
ttaaaaaatt tttgtncca agggaaaaaa aaaaaaaa aaaactccan ncctnttaaa 720
actattagt aggtcgtatt accttggat ccnganattg ataagaatcn nttgatgant 780
tttgggncaa accnccactt tnaatgccc n ggaaaaaaa tgcttntttt gggnaa 836

<210> 4480
<211> 1174
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature

<222> (1)...(1174)
<223> n = A,T,C or G

```
<400> 4480
ttttttcccc ttttaaaaaa antttggggc cccntttttt ntttttcctt naaaaanttt 60
nggggncccc tttttttttt nmttnnnntg ggnctatng ggnaaattcc cccccnaat 120
tcctgttaat tttttccggg cccgggaaaa aagggttccn ttttcngggg gtttcccccc 180
ncgggccnaa cntttccggg tttttccntt tcgggaaatt tcctttccgg ggggttnccg 240
ggaaaccccn ttttncccaa aaaggttttc cccaagnaa attccccggg caaacccgna 300
aaaaanggggt tccccnaaaa ggntttcccc aaaagggttc cccctttngg gnttnccggg 360
ggttccctttt nccaaagaaa tcctttcngg tttttccggg cnggggggttc ccaaaggggt 420
tcncccnngg gttcttttgg ggtnccaaag ggnaagttcc cttttcccc aaagtgggttc 480
ccaaaaagaa aggggggaaat cncnaantcc aaanggtcg ccgatcgaag agtncccca 540
agtctcctga agaggaagga gcggtgtcct ctttaagaaa tgatgtatcg gcaagcagt 600
taaacggagg acttggggaa aaaggaccac atagtccatc gaagaagagt ncttggaca 660
agcaactggc tattgaaaag gttattttgt aacatttgc taacttttta cttgtttaag 720
cttttgctn agttggcaa cttcatttta tgtgccattt tgttgctggg attcaaattt 780
cttgtaattt agtgagggtg aacgacttn agatttcatt attggatttg gatatttgag 840
ggtaaaaatt tcattttggg atatagtgct gactttttt gtttgaaatt naaacangaa 900
ttgggtaacc taaattttgt ngggnccttc tggactttt naagggaaa acgttggtg 960
ccaggncnt ttctacaacn aggcntaaa angcttggtc aaagaagatt ttggacntcn 1020
ggggantttg gncntttta ntttcctttt aaaaatttaa aaaaaccctt tccaaaaaag 1080
tttnggtggg taaaaatttg gngatattgg gggtantttt tacccttttc nmnaatcttt 1140
taaaatnngg ggtaattttt gggaaccccc aacn 1174
```

<210> 4481
<211> 860
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(860)
<223> n = A,T,C or G

```
<400> 4481
nctnacacng nncagatngc accaccttat ggnactncac acatntngng nntaattgcc 60
tnnaatttgn nnaangggat ngcctagtgn tncntgnctn cagaagggaa agtggntan 120
atagaaaang acanccnngg ctatatacac ttaannngt natagaannn ggctactgaa 180
gtcnnggact tntannattn aaancctaaa tcacttnttg tnggacggtt ttcatntacc 240
tgccanatat acagcccann accnatngnt gnggtgaggn atnnntgtgc cgggnttctn 300
tntnanttct aacacccnna gttgccataa anntactccg gnttattttg nntgctcnca 360
aacttgattt tttttttctt aaccaccgct tganttagtg gtcctcnatt nnggntnnag 420
aaggatnccc acntgaaagg ngatnaactg gtcgnnccan aacanttggt tggntctctg 480
tcacttttca agnccatnta gtttnctaan anccgcgggg tattccnctt tccnngccta 540
ttttttttnc cntganaaca ttcngtnant ttanaatcng ggggaangac cccctttnaa 600
naaactgngc ccctaantgt tggtttncac ttnccnggac gnttntttt ccaaaaaagn 660
ttgctttccc cncnttccan aaaggaacna attnttctta aanaancttc tnntcncctc 720
ggggaagaag gcccaagngc ctttgggaaa ccncaagggg gacccccnnc cntggacaac 780
tnannaacnn nttccngngg cccaaacctc ttnanttggc nttncccnng tccttanaac 840
ananaaangg gcgganntnt 860
```

<210> 4482
<211> 1407
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1407)
<223> n = A,T,C or G

```

<400> 4482
ntttccaaaa tagcttggn aaactccnag agcnatttag nganactttg aaancctttg      60
gaaannccna annatttnaa aanaanacng nnannntttn nncaganaaa nnancanaaaa      120
nnnnacnnng ggttttttct aaanaacncn cnangataca aatgagaaga naatnnaaaaa      180
aaaaagannn mntnnannaa tttnatnaaa nacngagtgn aanngaaacg cnnnaaaaaa      240
aaaacanata ttaaaaaaan tttannnaaa naagngnaaa annacacatn ntcnaaaanc      300
nananantnn aancnanana nntntatata anctanntna ntannnaaac ntatnatnaa      360
ntntanata ncnanatgna nnaaacagna acnnatannn nnaanaatgn atatgtnta      420
acnataaan tntnttagan aganatgata nntntaaatn nnnnactata tanataagaa      480
tatatnacag agcncctnca canatgatac actgancnna tnntanantc aanngtggac      540
tntnganta taananggan nacanactag acnatnnntn gaaaaganaa atngnggana      600
canannagnt tacganatna nanacagncn natanncnan ntntgtcana natanatagt      660
ancnancaaa gaanatggan nmnacgacan ntncgtaca tcnagacgnt cttactatac      720
atacnagagn gagancacnn ncnacactnt gcntnnnaac atntgtanna nntanatana      780
tanaatacac acnagccnnc atatattaca cgnagantga gnnncctacg tanantatat      840
atanncatcn ngaananatn tnacangtat acncgtanac ntacagagtc atnacacgta      900
antctagtna tctnttnang aacantntta anangatatn attnnaaang atatnagant      960
ctacgtangc gcgnaantna atntacacat cnatatatag acnanacgtg atntnanana      1020
tganatacta tganaacnnn tcnaaacact nacatatnta tanaaataca taagagtana      1080
catncacaan cacatacaga gananaanna cacanaanan atacataatn aananantca      1140
tgantaact taatcacgna aaanttnna agcnattnaa cganngaaca ngntacntat      1200
acggntanaa tacncataaa ntancancta nanaannaaa gnnnnntnnn cacannnac      1260
tnaancatga cgatanataa cangnatctc aatantnaga cntatgaaca aaantagacg      1320
aanagtaata tatatcnnta gatnantana nnaacgagac cactgaacnt nttnanatat      1380
ntaanacatn aactacaata ncacacc      1407

```

```

<210> 4483
<211> 755
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (755)
<223> n = A,T,C or G

```

```

<400> 4483
gcgacgcgcc ganggnaaaa ccccnaggcg gannncaagg acgcgagnc ggcacgaggn      60
gagagagatc angccgcacg gcccncttna nnncccccnn cgcgnaann cagcaggcgg      120
gnccagtgtg cnetgcatcc ncacccngga ggccgcagac actatcannc ccacnnatag      180
gnggaggaga cagaggcaca gagcgcccaa agccccacag cnggcgagcg gcagggcnag      240
cgagcgangn cactagacn ggngacagac gcagaagccg cgcanncac ccccggaac      300
nggaagacaa cncngacga gcgagaccca ggagaacgca cagncnagcc agaaaangnc      360
nngcaaccgc anacangcan cngacagaaa ngcgacngcc cagggaaaaa gcgagcaacg      420
gaacnaagag accaacnagc ngccgggggc aagggaancg ggcanncngg cgncanacna      480
agaccgaanc gggagccgg acccaacccc aaaacggcca aaggggacan accacaaaca      540
gggnanccca aaaacaccaa anncnannca caanccgaag gaaaaggccg aaaccaaggc      600
ccgaggncan ggngagcacc aacngaagcc aaaccgggnc aganncaaac ccgnaancac      660
ccaggaggca ncaggccggc cccnggggga nccaggcaag gnncccggnn aaaancccca      720
gncccnngcc cccnggnncc angggggaaa ccccg      755

```

```

<210> 4484
<211> 1273
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (1273)
<223> n = A,T,C or G

```

```

<400> 4484
anggnnnnnn nnnnnnnnn nnagtttnnn nnnnnnnntt tttttncccn aaaaaaattn      60
gggccctttt nttttccaaa aaaatggggc ctttttggg ggncaaattt ttttncagan      120
nnncnnnang ttttttgaa aaannccccc ttttttggg naaaacnnnn nnnngnnnnn      180
nnnnnnnnnn nnnangnnng gggnnnnana nnnngnnnn nnangggnnn nnnatnttt      240
ngnannnggn nnnnttnna ngngnnnnnn tnnnanannn tnnnnngnn nnnnnnggng      300
nnntttnnt nnangggngg ggnannnnng nanannnnnn ggnngggnnn nnnnngnngg      360
ggannnnnan atannnnnan nngngnnnnn nnnanntnnn ngaatggna annnnnnta      420
aggggnaacn nnnngncna aaannnnan gaggggagga angnacgaa ancnnagagg      480
tanngaanaa aatcgcacgg gaacntggga aacnaaana tcnannnctt aacnaaatn      540
taaagnaaca naaagcnnng nancanngnn tgnnctgtta gnagatctcn ngnaacaatt      600
tntaaangga tnaaatctnn angnaagagn agctnngaang ngnanangaa aangaannnn      660
naaacngang annacanata aacnaagngn aaggttnctg gantanaaga ggatnaagaa      720
cgtngaaanc annaanana nanaactnga tgcccanctg agnttnnaac nnattatnnc      780
aangaaaant gncntacatc anattgggaa natctaagcn tcanaaaana attnnagnan      840
agnatnctn ngatanaaaa ctngatnct nngnacgaag ctataanaa aannggaann      900
nnncataann gnannaanna aataatntat nntggttnngn gncntatann taagnaangg      960
catacaagat natataagan aagntactat naanatnctt ngggaagnga ntcnacacac      1020
tantntntnc ccnntggang nnatnagatn anncnanttn ngntancnc nntgtcatn      1080
ntnaaagaaa ngttanaca ganatcctcg anatananaa agncaaagac anaggnanna      1140
caaacttngc nnnnncaaa ngtcacttcg tantnnacat ngnaatanca natnatnnnn      1200
anacnncgna angcaciaaa ngtananaa catnnataaa aanntngnat gntcgacngn      1260
agaangctcc ncn                                     1273

```

<210> 4485

<211> 1240

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1240)

<223> n = A,T,C or G

```

<400> 4485
agggnnnnnn nnnnnnnnn nngagggttn gnnnnnnnnn nntttttttt ncccnaaaaa      60
aantgggncc cccttttnnn tgccaaaaaa aaatngcccc cnttttggg gcnaaaanat      120
cngggcccaa ancccccaan gcnnntttann aancggngng gnttttcccc tngggtnggg      180
ccccagggna aaannggaaa aaaggtntna aaaaaaatn acctntgggc ctttaaaagg      240
gaaaaaaggg ggggnagggg gggggngggt tgggggggga aagggggggt ngggtnangg      300
gggaagggaa ggggnaaag gggggnaggg gggaaaaacn gnnnnnnnng ncgggggaaa      360
naangcnnnn cnannnnnnn aaannnnnnc nnnncnnccc nnnnnnncca nnnannnnag      420
agccncnggn nnnnnanaaa cacannnnag gccgccngc nnacgnaagg ggccngggca      480
ngaaaaanga aaacagcnan ncanncnct gantgcattc cgactgaaa gganggncaa      540
acacnggang aggnnnnnnt ccnaagannc aaggggcaat naaggacctt gggnncnntn      600
ggacacntaa agnaantgna ncggatgnet nccnatgac agagangact gggrngcang      660
ggnnatgatn aaaagtaacc canngaagaa acngngnnna nnaccngata anncgntngc      720
aanctngana acggcngaac cnnnnncacn agcannnnnc ncnangcana anaancnata      780
ngaaaanngg gnnntanagg gggggnntcn cacanaaaan ggacntatgn ganagcnggn      840
caccanannc naaancnaaa ngggggnant gaacnatang ggggcngggn nnanaggggc      900
nannngnan canatanann cntngnggg ggcnaagtaa anancngga gcncggncan      960
ccanaaannn ccgccanaa ccaggcannn aannnnccnn gngannncca gccnatnca      1020
nganggantn aaanaggnan cngcacaaga gccnacgana gcaannngna cnatnnantc      1080
anngaaacgg cnnaaacnnn agagncgaat cancgacacg ggcaaacant naatagacaa      1140
ncacaannca ngtnngngag aagtaacncc ggctncatnc aaaacnnccn cgcntaccca      1200
aanngnacnt ccannnnnnn aanaaanacn gtgcncgacc                                     1240

```

<210> 4486

<211> 1444

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1444)

<223> n = A,T,C or G

<400> 4486

nnanaanana ntaantnant nanannannn nganaannna nnaanannnn annncnnnnn	60
annnnaanan naannatnnn anganannan aaaananata aanannaann anaanaaang	120
anannnnann nagangnnan nnaaannatc naannannna nngannaagn nannnnncna	180
tannaagagn aaggggnnatn annaaagggg gagcnnaaan angnganngn ggaanatngg	240
angnannnan tnaaaannnn ananananan ggggagagtt cctaaagggtt gggnaaaaaac	300
ncacnncnca aaaaaagacg agnaatgggc antggannaa aactatcact aangnnacca	360
nnncacaant nannnggttn caacactaan nnantnnnn tntctangnga nganattaan	420
cnntnnnnnn nttnnnaatc tancatcn cn cantanntan cnnnatnaan ntcnnancta	480
ancannnnan nnagannncn attgaaaaat tanaatatnc acnatancaa annaacancn	540
antaatnnaa naannaannn naaganannng ccaancatcn anagncnana annacaatcg	600
naacntaanc ancnettant tatntnncaa anganattaa nnacnngctn tatntaaaac	660
tacatatntc naanncnaat antatntaat nnatntanac acanatcana gnagnaaaan	720
nagntaanaa acntctnnga ctantaanat atctaactnc acaaagata aaatcannac	780
gtatacgant tatnganann actcnacaaa ntctatnann aaangnntca canagtancn	840
tnaanaan tnaacatna gagcatngcc acaangtata nnaatataaa ntagtancac	900
antatnnctc annnaacata tnnatanngn tatnntggag ctanannagt ctnannnnan	960
agacacatnn ncanaatann tatatnnaaa nanaacaata ngtnctgat nnannncnac	1020
ncacncacan atacantnca tnaanacatt nacacaannt annanaatca canctaacat	1080
ctcatnnata cnannntcct tcacatannn tcnnactatn tantcactnn aaaaacataa	1140
nannanggac aactnnacnc nctaattntac canatnnncat anangatana tagancnana	1200
acaaanatta gaantanata naaaatttaa acgantcata naaatattnn aannanacac	1260
atancncanc aatannaact acnattanat catnacanaa ntantcgacc ataaananac	1320
ataaatanta tnannaanat nannntaagg ccanncanat taaatcacat atatntatat	1380
anatnanaat gncagaagat atananncna taactaaaan tanacatnta atantcncta	1440
tnng	1444

<210> 4487

<211> 1390

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1390)

<223> n = A,T,C or G

<400> 4487

ggnnnnnnnn nnnnnnngna nggtttnnnn nnnnccccctt tttttttgcc naaaaaaaaa	60
ttngccccct ttttnnttgc cctaaaaaaaa ttgggncctt ttttggggnn aaaanttttt	120
ttcccgnnnn gnnnnaaann ttttttnnna aannnnnnnn tttttnnnnn nnnannnnnn	180
agggnnnnngn ncnnnnnnnc ttnnnnnnnn nnnntnnnn nnnnnnnnnn nntggnnnat	240
ttttttttnn nnnnngncta tnggnnngna nannnnnnnn nnnnnnannn nnnnnnnngn	300
ggggganant ntntattnta nnnngnannn tnnngaggg nnnnnnnnta ntnggnngnc	360
ganngnnng atnaannng gcnntgnng nnnnatatat nanatnannt nngncannna	420
atnngnnnan nnnnnannag gggggcggc annnacaanc anttaagcta anaaattncn	480
antnanntgc tgaantgaan gaacatncan annttaacan nnctgnangg ctanntgaag	540
ncaanatggc ttcaannaan gcntnttang gacttanggn tacnggntat naggnacctn	600
cttanntnt nctaaccnta tctngaacgg nctncacctc nnaaattgna ctantatnt	660
aaaaannatc atnatnanat ntngganana ngctgtcaaa aantnnnnna ancnnnnngg	720
anannngtat ctanntnnac ntggaatgnc ntaaacctat aaaaaannan gnnataaaan	780
ntcaacnnan annnanacnt aaatntanac cntntaaagc ncntanacnn atttcgaggn	840
cctngacaat anttttaann tcatacaaat gtgnngggan antncntata cacgngggta	900
nantgnacnn nnnatcttgn ggtanaaggn tntanagcg ntatntnttt agnggnaaan	960

atantntntn	gaggtatcat	gagnntaact	ctcnnatnna	nntcgatnta	cctcacgtng	1020
tgtgnatatn	nntncantnn	atctctanat	ncntatanat	atcgcanaan	atntacanca	1080
cnnnngtnaa	tatantnnnt	annntntacn	ggantngagc	tctacagatg	ttntcganna	1140
anattttang	anaaaaaatag	gtacanatan	ntgnggggnac	tnataaaaacn	nganggnnnn	1200
tnnttttnaa	aaggnnnnnac	agnactttcn	atnaatagga	tataactcca	ngagcnactt	1260
tancccanag	atcatntcat	acgncgngna	annnnnncta	ncataagnct	nttgagccna	1320
tacnngctnt	atancnacn	gnatannnca	tnnggaaagn	actctatnan	gatnnanann	1380
cgncanacn						1390

<210> 4488

<211> 960

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(960)

<223> n = A,T,C or G

<400> 4488

ttctaangc	tngetctcgc	tctcttgagg	gntccctcga	ttcgaattcg	gcacgaggct	60
cgtgggaggc	tgaggcagga	gaatctcttg	aacctaggag	gcagatnttg	cagtgaagcca	120
agattgtgcc	agcctgggcg	acagggtgag	gctcttgtct	caaaaaaaaa	agtccacatc	180
ttcatgaacc	ctnagactct	ggagttgggg	tgctggcctt	tttagcccag	cttttgtggg	240
aattgccttt	tgacctatta	agaangaaa	gtggggtaat	gggagtncca	gccactcaag	300
agactnggat	atcccccccc	aaaatgggtt	gggttaccna	gcttttgunc	cccntnggaa	360
aaatgaaaa	ctnaaacctn	tntcanctgg	gnttttnncn	tttgccaaan	ttcattttng	420
ngttttttaa	nttttttctt	aattnaccan	ttaaaactcc	cttatttttc	ccatggttct	480
tncaaggggc	cccttggggg	ttnaacanga	acnaccagc	tttnganttt	ttaanaagcc	540
angaccattn	tgggcggaag	ngaaaaaacc	aatggggcaa	tttggaaatn	ggtgnccnga	600
agtncccnnn	acaaaaatng	tttaatttta	attattaccn	cccatccna	aaatttttna	660
aggaanaaaa	aantggnaan	tttctttttt	anggggtttn	aaaacccttg	ggaaattnga	720
tttttaaaang	ccncnaaatt	taaaaaccct	ggtttgccaa	angttccaaa	naaaaatnac	780
atnttacnat	cctcttcata	cctaactcnc	cnactacctc	aatncttnt	ncanactcnc	840
caactnttna	nnattnccat	tctngatatc	canntnanat	aacnnatnnc	ncntanaaan	900
tnntttatct	nanataatnn	ttctgcnatt	cnntctcatc	cctctnatnc	tcnnntnct	960

<210> 4489

<211> 1024

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1024)

<223> n = A,T,C or G

<400> 4489

aatncnaggc	tctcggttctt	tttgcaggat	ccctcgatgc	gattcggccg	aggattccga	60
gtgtttacta	agcctgttga	ccctgatgag	gttcctgggt	atgtcactgn	aataaagcaa	120
ccaatggacc	tttcatctgt	aatcagtaaa	attgatctac	acaagtatct	gactgtgaaa	180
gactatttga	gagatattga	tctaactctgt	agtaatgcct	tngaattcaa	tccagataga	240
gatnctggag	atcgnccttat	taggcataga	gctgtgctt	taangagana	ctggctatnc	300
cnntaattta	aagaaaaaac	ttttngaaac	cttttncngc	tnnttngnan	gaaantttcn	360
ggaatntttt	aaanaaaaaa	angnttgnnn	ncgttcccc	naaaaaattn	cccccccggn	420
ttttaactna	ccnctgggtg	attgggccc	aaangcccaa	aaatttnccc	ctcctttggg	480
ttggggnnng	atttaaaaag	gattccntga	ncccccgna	ggcccngnaa	attggganaa	540
aaggctttan	aggaaacccc	cgggggttaa	ccttnccctg	gtggggncct	ttggccaaan	600
cnancntttc	cttnggcttt	caaaaatttg	taaangaaag	ggganaaaaa	attttctngc	660
ccaaaanaaa	agggttccaa	aaaaaccttg	gggntgacct	ttttaanggg	nccacccccn	720
ttttnttaaa	aaaaaaagcc	cnmaaanggg	ggaaaaggaaa	tttttttnaa	ccaagggggg	780

ccccaaangg	ggattgggna	tttaggnccc	cccggaaaat	tgccccntt	ngggaattcc	840
nccccaaaaa	atttggnnna	aagttggant	ccccccang	gggaaaacct	tcanggacct	900
caaaggtggt	tagaatccat	tnatggggga	cccggaaaac	ncnnggagaa	gtctttcggg	960
ngggaagaaa	attnanaaaa	ccgccaaant	gcccnttttn	aaagcaaact	tggaattggg	1020
aaaa						1024

<210> 4490
 <211> 834
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(834)
 <223> n = A,T,C or G

<400> 4490						60
gnnnnnntnn	nnntttcaaa	tgcttngcan	tcgcttggnn	gcaggatccc	ttnggaagcc	120
nttgacgac	acgtggcgtn	ccgctgaatt	naagcatatt	agtcagcgga	ggaaaagaaa	180
ctaaccctct	agttttaatt	ggacacttct	ttgctgnngc	aatctatgcc	gngtatnnnn	240
gctntaagtc	agaaccttgg	attacaaaac	ctcgagcncc	cccagnagt	gtgctgtatt	300
gtcaaagcgt	gntctgtaat	atttcctcta	atttactcag	aaatgaagta	tatgggtcat	360
taagcttaaa	ggggaacct	ttgtgaatga	atatttggaa	cttaccaagt	cctaagagac	420
ttttggaaga	ggatatatat	agcatagtac	cataccactt	ataaagngga	aactcttgga	480
ccaagatttg	gattaanttg	gttttgaagn	tttttgata	taaatatgta	aatacatgct	540
ttaatttgca	atttaaaatg	aaggggntaa	ataagttaga	canttaaaaag	aatgatttgg	600
taccataaat	tagtgctaana	gctgaggaga	actacaggnn	ttcctttgga	ttaaggattt	660
gagangagtt	ggtggggcat	gcaaattaaa	atggaagaan	ggaaaaaana	anaaaaaaaa	720
aaacctcgga	gncctctnga	aacccttag	cgggggcngn	nttaccnnng	aancccnnga	780
catnggtnaa	ggaannccan	tggnanggaa	nttnnggggc	aaaaaccncc	caaccttgga	834
aangccannng	gggaaaaaaa	aaaggccttn	aanttnnggg	gnaaanncng	ggcc	

<210> 4491
 <211> 940
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(940)
 <223> n = A,T,C or G

<400> 4491						60
gtaggcccgg	nttaagtttt	acnnttnaaa	ttttcagcca	cngantgggt	ccntnncgnc	120
cggnnttctt	ggagggtttt	ttntggattt	tctnttttcc	tnncnaccat	tttcattncc	180
ttcatnatnt	cngngccent	tacntttaaa	ggtnttaccg	tccggtatng	cntaatggaa	240
ggggtaaaat	cnggnnaatt	catggnttgg	ccattctggc	nctgngtncc	ccntnncnnan	300
aggncctnac	cnaaccttga	tggggncntc	tacttcccc	ctaagctttt	ttgtgccacc	360
tngttgnttc	ttaggtacaa	aactattcca	aatggtacct	gncctggatc	cntnggccaa	420
tggggaccnc	atgggtaaga	ttctgggtnt	ttttaaccat	naaaaaagng	ccattaaana	480
tcccggntna	agattncaaa	atgntatttg	gggcttccat	gaatgggact	tgnggactgg	540
aaattctctg	gggantcaat	gnaataatgg	tnaatgaatg	tgaagacctn	anaccttgca	600
ntacttggan	acttcttana	cacttggtgc	aatttnggat	attacctana	atttatttta	660
aaaaatgggt	tttctntttc	ttttaagtaa	attaaaattt	aaccctttta	ggcctttacc	720
tggnnaaacc	ttnttttttt	ttacccttcc	anttaaaacc	ctttaaaaaa	anttttttaa	780
aaantttnt	ttggggaccn	ttnttttttg	gttaaaaaan	aaaattttta	gccntttttt	840
ancccccccc	ctnntngaaa	aaaannnttn	ggnaaacttc	ccngggggnc	cttttttaaa	900
aaccttttag	ngggggggnc	cgaattttac	ccgtgggaaa	ccccnccncc	cttttatnaa	940
agaaancccn	tttggtatgga	agnttttggg	nncaaaaccc			

<210> 4492

<211> 840
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(840)
 <223> n = A,T,C or G

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<400> 4492
taatanctng gctatngttc tctttgcagg atccctcgat tcgacaccca atggcgggtn      60
acgccggtgc anaggggggg cccgggggcc ctggtggccc tgggatgggg aaccgcngtg      120
gcttccgcgg aggtttcggc agtggcatcc ggggccgggg tcgcggccgt ggacggggcc      180
cggggcccnna gcccngact tncngaggca aagccnagga taangagtgg atgcccccca      240
ccaanttgng cccttggtca aggacatgaa gatcaagttc ctggaggaga tctatctctt      300
cttcctgcct attaggaatc agagancatt tgantttttc tngggggcct ttttcaaaga      360
ttaaggtttt naaaaaattt nccaatncnn aaacanaccc ttccggcaac gcaccangtt      420
naaggcattt gttgctatnc gggactaaca atggccacct cnggtctggg tgtaaatgct      480
ccaaggaagt ggnccaccgg catncgtggg ggcattatc tggccaaanc tcttccattc      540
ntccccctgc cncaaaaaggc ttacttgggg ggaacaanat tnggcaancc ccaaaanttg      600
tncctttgca aaggtgaaca aggnccattt tcgggntntt gtggcttggg ttacccccctt      660
aatncttng gaaccccaan gggcaacttg ggcattntan ttttccgta acctngtggc      720
ccttaaaaaa aaactntttt cattnantgg cttggggatt ccaatgnant ggcttacaaa      780
ctttaaacnc ccgggggctt tcaannttgn tcaaaccctt tngggnaaaa ttttgnccnt      840
  
```

<210> 4493
 <211> 760
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(760)
 <223> n = A,T,C or G

```

<400> 4493
cntttttgaa ancccttggc tacttgctct ttttgcagga tcccatcgat tcgaattcgg      60
caccagccaa cgtgttaggc ctncnnngca cgnnnctnaa gctgnttctg aatgagaccn      120
agnncntga anttncacaa gacatccccg ngaagacttt gaatatgaan actgngtgtg      180
tcnatnggtt acnaacaaca ntatacttct nncntgtntc natcaatggn natngggnaa      240
cccttcoccta attacacctn tnccttacac atacntnccc atnnacacac acntgaacac      300
actgangatg tnccttttaa gtgtgngtnn aatntgctgc nngnattgaa attnaaatgg      360
gattgatnan tcaagtgact tgagacctga cagcatcttt acactnaanc ttagacannt      420
atgcnctcat gtgggcagca ngttacaatg gtacttnagc ccacagtnta ttgctatact      480
tgagttctta actcanaaca tatattntga tttgaatggc atantgtata tatnatttca      540
tgcnctttta aaattatctn anaccncttt natganatgg gcagnatgat aantgtctaa      600
cacctgggat ttaactggat aattttgctn gaatctttta ngttttganc tnttcaggac      660
nagttaacag acctcanant gttccaaagg cttaaattgn naactcnaag cccttttttna      720
aaattnatgg agtccaannt tacctgggan ccaggacant                                760
  
```

<210> 4494
 <211> 793
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(793)
 <223> n = A,T,C or G

<400> 4494

tnanngtana	agacnncng	naaagcccat	cagccggaan	gcaaaggncg	cgggtggccc	60
caagagnngg	aggagtgggc	tgacagaagg	cccnntccc	anccgcgcac	nggcngaccc	120
ccaggggcta	ggatacngga	gatgaggaac	ngganaagg	gcncaaagag	cacanngtac	180
tggnagagga	cacagagctg	ncctncaagc	anangaacga	agnncncata	cccnggaac	240
ctnccccnct	ccaggtcac	accncnagct	ccancaanga	nacctnangc	gacaacannn	300
aagnnccctn	ccccaaccta	gnccnncagc	ccnaaangaa	ngaacacaga	tgaanagccc	360
tgaagacanc	ngngnccac	aggngnggcc	cgangcnccg	ggtgaaagtn	gaaganngac	420
cagtaagagg	gaagaaagaa	tggtcctccc	ctcanttcag	agaanacatc	ctagtcacaa	480
gngcccctaa	ngcacncaag	gtctnngana	gctacattcc	ctcactganb	ccagnagaaa	540
nacactacca	actgangcac	canctaggat	taacaacnag	ccaagcctcc	ccttnccctt	600
cncaaggaaa	cntcncccca	caagggccnc	cccaatccag	aaaatgccta	taaanccctg	660
gccaaacttcc	ggggaaagg	gaccnccnng	aagaacaaaa	ttnaaaaana	aaaacnaccg	720
ntaataagna	accggggnga	aaaaaggncn	aaccnccaa	aggggccccg	ggcaaaaaaa	780
atccccagg	ccg					793

<210> 4495

<211> 1487

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1487)

<223> n = A,T,C or G

<400> 4495

agggggagg	gnntttttan	cncnccccct	ttagggngga	aaaaaaancc	cccntttttg	60
gggagaaaaa	aaggnccccc	naanntangg	gggaganatg	nnngaagagg	gnnanngggn	120
aaagcanacc	naaagngggg	anannnncng	nnaaaaaaan	gcnnggncaa	gacagnaagg	180
gggngcgaga	gagnnngcng	gggaganana	aggggagngt	ntntgagnna	anggccgaat	240
ngacgaaggt	ncggatgggg	gncaannang	ggnganagg	gaaaggngna	anggnntacn	300
ngngantggn	aaangnnnat	nnnggggana	aaggngantg	agnccgggcaa	aannantann	360
ncggatangg	gnataggtng	antgangtgg	angntancnn	agataggcgn	agannngaaa	420
ntgagnatnn	tggnacacna	tggggnataa	ggcnnnnann	gaangganca	ggangangaa	480
ngggcatant	agggcgaaag	aagaannnnn	gntaggatgg	nngnaaaana	aaantgntnn	540
ngaaagagaa	nntgangnaa	gtgncggaga	aggacgaaga	ataancnatg	cggaagnann	600
aaaggngnang	tnnaaaaggn	cangaannca	gaacatngan	gncgaaaaag	cacaggnnnn	660
anggaagngg	gtgcnaaggn	gnaanaagag	ctatnagggg	gaaaggaagn	ggntgnggga	720
annngaagan	aaggggaggn	aagcaaggaa	acgatgnnan	aagaanaggn	taaacgcaag	780
naggtatnaa	naaaganaca	ancgangtga	naggggaagg	nggggncaca	atgaangang	840
ngaattgnta	ggacgcanna	agacntagana	ganagncaaa	gacgtagngn	caaagganga	900
nannnacgcn	agngnggaga	cgtaaggggn	angngtnagn	cnaanagata	nggannnnga	960
aaanagggng	aggagangta	gaaagncgaa	cagnnnnang	ngagngtggg	ngtaganaga	1020
ntnnggaaaa	aaggggacgc	gtanganaac	gnangacgca	angaggaacg	aagcnaaana	1080
gagnnaggag	nananaagcg	aggaganaan	gatnagggag	agntgagana	naacgaatgg	1140
ncganaagag	agagnaggtg	ngcanngagn	agaagancga	nggagganna	gantgacgng	1200
nagnggagag	aantacacnt	atnaggnng	agaagataaa	ngcngagaag	atnganngng	1260
angaganacg	anagnnatgn	aganagnnaa	nntagnagag	agagagngng	ngagagaaaa	1320
angtgagagg	agaggnaaga	ngaancngga	ngggacagga	ngagagnnt	atgnnnnggn	1380
anggganagt	gnntntcntg	ngcnacannc	nmatnnggac	nacgagatgt	gcanaganan	1440
gnngngnaga	ngnnngntag	atagaganna	nagggnataa	gagacng		1487

<210> 4496

<211> 768

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(768)

<223> n = A,T,C or G

```

<400> 4496
tnnagggttng nnntgtnggg cctnttnncn tngttgtaan cgctggctng ctgcancan      60
nctngctggn gcgaattcgg cacgagggtgc attgnggccca atggtggcnt ntgtagttcc      120
tgaacatcag ctgggaactg catatggctt catgcagtcc attcagaatc ttgggtnggc      180
catcattncc atcattgntg gtatgatact ggattctcng gggattttgt ttttgaagt      240
gtnccttaatt gcctgtgntt ctttgtcact tttatctgtg gtcttactct attnggtgaa      300
tcgtgcccag ggtgggaacc taaattatnc tgcaagacat aggaagaaa taaaattttc      360
ccatactgaa tganangtnc aaatgaatgt gncatgagaa tgggcttaac acatcgttgg      420
tttgaaaact tncattttta aaaattttaga gtttagtcat tagaaaaaat aatggactgg      480
aaagtnatat gtatatccaa atatacctat ttcaaagtgt atttgtgagg cctgttntag      540
cctgtgtctt gtgtattgng tgtcgctaaa ganttnact tttacnnngc tcatcaacaa      600
tgaaagggtt tgaaaattgc tgtggaacat ccacgtganc ttttngaaa gacagtnaaa      660
aaatggnaaa cgtttgagc tttctnttga gataatctac atttaggnaa tataatctta      720
agggatacag cccttncct ttattcttat nncangaaaa aaaaanct      768

```

<210> 4497

<211> 718

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(718)

<223> n = A,T,C or G

```

<400> 4497
gngnctttan atancttgct cttgttcttt ntgcaggatc cctcgattcg agcggccatg      60
gccaaacttg aggtgaagaa agcattcatg ggaccactga agaaagaccg aattgcaaag      120
gaagaaggag cttaatgccca ggaacagatt ttgcagttgg tggggtctca ataaaagtta      180
ttttccactg aaaaaaaaaa aaaaaaaact cgagcctcta gaactatagt gagtcgtatt      240
acgtagatcc agacatgata agatacattg atgagtttgg acaaaccaca actagaatgc      300
agtgaaaaaa atgctttatt tgtgaaattt gtgatgctat tgctttattt gtaaccatta      360
taagctgcaa taaacaagtt aacaacaaca attgcattca ttttatgttt caggttcang      420
gggaggtgtg ggagggtttt taattcgcgg ccgcggcgcc aatgcattgg gcccggtacc      480
cagcttttgt tccctttagt gaggggtaat tgcgcgcttg gcgtaatcat ggtcatagct      540
gtttcctgtg tgaaattgtt atccgctcac aattcccaca acatacgagc cgggagcata      600
aagtgtaaag cctggggtgc ctaatgagtg agctaactca cattaattgc gttgcgctca      660
ctgcccgtt tccantcggg aaacctgtcg tgccactgca ttaatgaatc ggccaacn      718

```

<210> 4498

<211> 760

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(760)

<223> n = A,T,C or G

```

<400> 4498
gnagnccggt tcnnangcnt nggctnnatc caatgctggc taaagttcna ananctggca      60
acnccaggan ncangcgttg cgaattcggc acgaggagga attacaggta gcaaattatg      120
gagttggagg acagtatgaa ccccatcttg actttgcacg gaaagatgag ccagatgctt      180
tcaaagagct ggggacagga aatagaattg ctacatggct gtttnatatg agtgatgtgt      240
ctgcaggagg agccactgtt tttcctgaag ttggagctag tgtttggccc aaaaaggaa      300
ctgctgtttt ctggtataat ctgttgccag tgggagaagg agattatagt acacggcatg      360
cagcctgtcc agtgctagtt gcaacaaatg ggtatccaat aaatggctcc atgaacgtgg      420
acaagaattc gaagaccttg tacgttgtca gaattggaat gacaaacagg cttccctttt      480
tctcctatng gtgnactctt atgtgctgat atnccatttc ctagtcttaa ctttcaggag      540
tttacaatng ctaacactnc atgatngatt cantcatgaa cctcatccat gttcatctgn      600

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ggcaattgct taccttgggg gntcttttaa aaagtaccac gaaatcatca tattgcatta	660
aaacccttaa aagttctggt gggnatcaca gaagacaagg ccnaanttna aagngggagga	720
atattattat ttaaaagaac cttttgggtg ggatnaaaan	760

<210> 4499
 <211> 799
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(799)
 <223> n = A,T,C or G

<400> 4499	
ttaagntttt tttggttggg ntttcnaatn ttgccanaaa gctgnctact ngtnctttcc	60
gcannatncn ntcgattcga attcnccacg agctgatagg tgccnccntt aagacttttc	120
atagancnta ngncggancc nmcaccttct cnnmtgaang atactnacc agggnaatgg	180
tgnatgctgt gaacanantg gngaaccnct cantntgnta anattactna ctaantcaa	240
aagttaaagt nnancncaca cnnntatcct acctctncn ctgagnntca ngtnccacac	300
aaaaggncn aangcctng atcnacctna ttatggacnt gntcatcna ancctaatat	360
nctnctcngt acngtnnata tttncnacnn agcattcct atcttncatc cnnnnccaa	420
nctggncnct ancttactac ttgcacctn ctgtacccaa cttttccatc cattgnntnn	480
cctatcaaac tcttcantt atgnccttna nctncgtaa anacnnatgc nnatcttgag	540
tnacancttt tnttgccg cngtngctcn ntttcttta ccttggaac ccgnataanc	600
atgnntttta gaanaatnan caccnggnac cttntnancn ctanatatgc nctnnntant	660
gctntgactn ntaaaactann ctcnaanngn ncttananc ttatnaantn nccccttnat	720
natagtntca ttaanggtan tccntttncg gatccattta nccctttncc atttttgnnc	780
ctacntcatt taacnttnn	799

<210> 4500
 <211> 794
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(794)
 <223> n = A,T,C or G

<400> 4500	
ggtgnnttcc ccctttgaaa ccctttanac aagctacttg ttctttttgc aggatcccat	60
cgattcgaat tcggcacgag ctnttntccc cctatnaaat ttgcaacaat anaggggtgga	120
gggtaatctn tntcttccta tactgccaaa gaatgtgagg aagaaatggg actctttggt	180
tattttattga tgcgactgta aattggnnca ntatttctgg agggcaattc ggtaaaatgc	240
atcaaaagac ttaaaaatac ggacgnactt tgtgctgnga actntacatc tagcanattt	300
ctctttiaaaa ccatatcaga gatgcataca aagaattata tatnaagaan ggtgtntaat	360
aatgatagct atantaatna ataattgana caatctgaat cccttgcaat nggagggnnaa	420
ttatgtctta gntataatna ganngtgaat canccaactg aaaatnctnt ttgcatatnt	480
caatgtncnta aaaagacacn gttgctctat atatgaagtg aanaaangat atgggnagcat	540
tntatagtac tagntntgct ntaaaantgct nngtaaatat acaaaaannnc tagaaagaaa	600
tatatatanc ctngtnattg tattttgggg gagggatcct gggataantn nntatgntcn	660
tngaatcnc tctggngtct tcacatttt ctaccannga atttaatcna atagtaaagt	720
tggtggnaaa aantcaaagn tnggatttag aaagatncnn ttcttgaaaa nacctgcttt	780
tggtaaatga aanc	794

<210> 4501
 <211> 769
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(769)
 <223> n = A,T,C or G

<400> 4501
 tggtttttta ggtttgntt tcnaatnngn ctaangctgg gctcttggtc ttttngcagg 60
 anccctcgat tcgaattcgg cacgagatga gaaccagaac aagtctggca gcgaggccgg 120
 cagtccccgg aggccacnaa gacagcggtc agatcaggac tcagacagtg accagccatc 180
 cagaaagaga aggccctncg gttctgagca gtctgacaat gaatctgtgc agtcagggag 240
 aagccactca ggagtttctg agaacgactc tcgcccantc tctccaagtg ccgaatcaga 300
 tcacgaatcg gagagaggat ctgataatga gggttctggc caaggctctg gaaatgaatn 360
 ggaaccagag ggatccaaca atgaggcctc anatagaggc tcanaacatg ggtcagatga 420
 tagtgactag gttttatttc atcaataagc ttcatctctg gaggaaactt ttttaataata 480
 tgaaagctgt gatcaaaatg tttcacatgt ttagtcaatt gtgaaatttt tcttaangca 540
 attntctttt ctatcanttt gtatattact aancaccaag agacattttc tgtgctagna 600
 gtccaatatt ttgagctctc cntgcanatg agacttattc ttttgngta caatttcccc 660
 tatcatatgt gaaaaactgc tntntcaaat ttanccctta tgctanantn attcctacna 720
 nanmttctnc ctgntanctg tngctacaan nttntattnt ntttttnt 769

<210> 4502
 <211> 1338
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1338)
 <223> n = A,T,C or G

<400> 4502
 agggngntc tttccacccc ctttgtttgg aaaaccccn ttttgaanta ccaagcctna 60
 ctttggtgtn ctttttttgg ncanggnaat cncccaattc cgncatctnc ggnaganagn 120
 tcccnacaca ctagccagna cacanatctc atcaccaata acnngttttt tatcantatc 180
 nncncanncn ntcnncnga ntntnecgng tangntgtcg acaantntn tncnctnta 240
 aannnnncnn tntactatna tcnatngtca tcntcancna ntnttctntn ctancgnann 300
 mnntnctt nctantctn actnngnnnc anntnnnnan atnnnnnctn ctannaacan 360
 cacnnngnta tntnacnnt nttnacnnttg ncncctnannt nnnantncta tncantnctn 420
 ncattaacat nnncccnata ncaannntna ccnatcanat acntttttnn ganacnnann 480
 nancnntctn cttncnnt ncctaacnnt annnantctn cngnnntttt aannctttnn 540
 tnaactnncac tactnataca ttntntann ggntccanna aactnnagtn nnnccntana 600
 ctgatnnnna tnnntnctt cncctattnc nnnngtantt nanacnnacn atcatnctt 660
 ttcatnncnc nantnecggn aatcatntgt antntaanan naantcctan nntcgnctct 720
 ctctncttnc tcgnnntnt atncaactnn atnanntnac taccactnct ntatntcata 780
 ccagantata natnttnaaa tcnntntntc ncnnancnnt ctctcncnan gcntacgac 840
 mnnantcan tttngtncan tgaactaant aaaantgtct nttctatatc nncagnctat 900
 nntntnataa atactctctc atnnatntn atnacacata tntntnncna ttctcctatn 960
 atctgnatat nntcgtcncn ntctcngana cnnncaactct atgatntnt ntacncacta 1020
 tatntacnan ngtatgntan gnnacatana angcttaaac tnnanangna tacgacttca 1080
 ntatncata taacnctcg ntatgcanan aatcgnactg ttaatgactn gtatntcgat 1140
 acnctctan angcntnngt atacntntng gtcnnncanan cttcatntac nctngtantt 1200
 atgntatata tangcacnga nnncnngnag anatcnanta cacccttata nnttacnana 1260
 nntatatntc taatnngncc tctntnactc tcnacgntan gnnnnactgn tatnttcaca 1320
 cntaantatt ataantcg 1338

<210> 4503
 <211> 884
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(884)
 <223> n = A,T,C or G

```

<400> 4503
cncnntctna tnggggnang tnggtctntc ctacctcttt nagganaccc tctcgcttaa      60
nancnnggct ggggcgaatt cggcacnagg gaatggatat tngggngnga gantanntnt      120
nnattncctt taggatcngg cactgtggag gaactttgga aattgtnacn tgctcacatg      180
ttgnacatgt gtntcggnan gcnnacacctt ncacctatcc aggangcnca nggcngatta      240
tcaataacaa taacagacga ctgccccaa gctggatgga tgaattcang aatnatcntc      300
tatatnattg ctccatgngn tacaaaggtc ncattatnna tatatatcnn cnnanattgg      360
acttanacac naacntcaat gcnacacctt tanntgcanc ctncanactn tanntnctga      420
ncntntantn ccacnncnnt ntanctcanà gggaganana caaatnnttn tagcnnttcn      480
aannctacat atcccagnnt cnaaaagagn ntgnctannc tgggaattntt taatggccan      540
nggtctgggg ngtaaatcan ngatcantcn ttataactgc ctacnctnna cnttcncaac      600
attatgaacc ntttgctnnn cgaantgnnt tcccaanncn ttaaactcng nccctntcac      660
cnaatggcgt caaanatgcc caancnancn ctnaaaaaac gnnctncccc anactttttg      720
gngcanttnt tgacccccca ctnggaantn atttancatc ccccnagtct accccttttn      780
ttggaaaccc nngcnaaatn caatntggnc cccttnnnna acttnnacac ccccccncn      840
aancaantg natttnnncc cccnngctct tncnccnac nnnt                               884
  
```

<210> 4504
 <211> 1050
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1050)
 <223> n = A,T,C or G

```

<400> 4504
tgggtggctn gggggnnnnn nnggnngttt ttcttnnntt ngtnntggng gnccttttac      60
tcgcccctaa natcaganat tggggtnggg ggggggnntg gctcgntacc tntgnnttct      120
ctnagaatna gtgtnttgc tnnntngtct ggggnatttc nccnnttttt ttctnggggg      180
gntntnnnnc ntnggggggg ntntcntgng ggcncnntgn ttgctancct nnnntngtnt      240
cnaatgntntn cnttgnntc nnaacttttn ttgtnattnc ttatncactc tctncttnc      300
natatctcat gttgttgntc ttcattttnc ncnagttcc cnntgntcna tntttnttat      360
ncnccnnttt tntgctntcc tttntntnta nagtgnact ntctngtnt tncnctntt      420
tacnannntt ncttntant tttncnttt tnttccnnt nctgtntnn tngggtncnt      480
cngcnttctt ctcccgtctt ttctcaatcg ttectnctt ntctnctnt gngnccctgt      540
tnnattttnt tntntnccg anctcnttac nctnctctn gtaattntcc ctncatcgt      600
tntgcccnn ntcccttnat tntctttng ngatncttg gnatctcnn tccctangtc      660
tatntgctnt ttgttccnta nangcncta ttntgtgnc tctcncgnt gnggttctct      720
gtttgtnnng cnnccgtgcc tcttaaatnt tgctctntgn ttncannnnt cntttntang      780
gtctntngnc ccttnttnac cnaactttgt atntatccgt cnntcggtna gttcnnncna      840
tgctgtttt ntngcnctan tgnccctgct tctctnttg nnnctcnnnt cntcggntc      900
nctatgnngc tatgttnnt tntccntntc ttccattnc ngegnnacc cctttntct      960
actnttnatc ttctnatnac ctntntnnn ttctnttag nntntnnn atcntctngn      1020
tgtttntctc tcnncctt ctntngngnc                               1050
  
```

<210> 4505
 <211> 1421
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1421)
 <223> n = A,T,C or G

```

<400> 4505
nttgnattgg gcggtngagg gntgaagggc ccctttttct tttttcctta aaatggcttn      60
gtggagcanc tctnnntnn cctctganac atcagaanat atgggggctn cgnggcnncn      120
nnntaccacc ncantncnat gctagctncc nncgncnca antctncng acccnncgnn      180
cgctctttt gtntcngan tnnnaacctg tnnanccan ntnactctan nncntnnngn      240
ctntgngcag ctggannnnn ncnacnnnna ancngcact agnactncca ntnantgnat      300
ntctnagaen cnnncnctna ttcnnttgnt ctcaagtca tncntcnc cccncnncca      360
accaccncn ancacctggn gccccacnn catnccnca ncactancan ntcctaacc      420
tcancntnnc ncacncgacn nctncacat ncntntcngc ctctnccnc acatnntcct      480
acntttncat nccntccaa naacttntnc tntcccnac aaacacngcn nnnnnncgct      540
ctcnnacnc acnnccnnn cnnantcnn tegantccc cataatnctn tnnancngn      600
ttcncnctn nattccctct cctagnact nctctctcc nctntatca atcnnnccca      660
nccccatcat cccctcnnn cccctcactt ccttctcac tcnagacact tctntntatc      720
nncacnacnt anagctcata tnnccactcn cantatnnat ccttccctcn ctactcnnta      780
tatctcnaca ctctnntctc ncacntacct nngcgntcnc ttntcncac nannntncat      840
ttctncactn cantntccta ttctctttn nnnchanatc tcacnnnctc ttctcgcnc      900
tgtcnacann ttncntncn cactncctcg nnnatnnnc tncnntntct cnnntnact      960
catntntcat atacntatc tantatctnt ncnntcnn ntntctttcc nactccttg      1020
cnaccctca tcnactncn cntantcac anntcncctc cnetcancn ccncacctat      1080
atcactncca tntctctnct cagtttaca ctactcacac tcnacntnnc atcactcntn      1140
nttcnnncn tangtcncnn ntactntatc cactctntct cacatctcnn ctacncanac      1200
ntcncacna tcaactntct acncntnta nctnattacc nntcactctc ccctcannac      1260
cctctccgc tctntcata tctcnnngn ctcatnttct acatntttca ctntatange      1320
tcctctcact nnnnccnca ctatacgtat atcgaanaca acgtatntna aaccnactn      1380
ntatctanac tctctcnnn tntccacat tntaccttc t      1421

```

```

<210> 4506
<211> 952
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(952)
<223> n = A,T,C or G

```

```

<400> 4506
ncttttttct atagngcnnt tnttgggggc tttctttcca nanancgtgt nntcctcct      60
cncctaaana gnnaggctgt ggagnncaga cncnccnatat gacacnntan atncttaata      120
annnttgatt ntntgccaga ngcnctctgc antggnacng tnnngggngg gtgaacacac      180
nctcntgcac ggtatcnag ancagncttn actnatnctg gactacaatn atgtgagata      240
acacanacat tanntnnaan nnananactn tattcntnt tntactaganc gntcctncca      300
tnggaatncc ctctcctna ngaaactagc atggatgttc acattcaagt gtgggggatnn      360
ttatcaattt gctatttnat aaaanatacc aanntntncc ctntncaana taattnnct      420
cngatatatg gtccatccat ttantgaaan gctnttcncc ctttcaaaan gatacnmatn      480
angncanncc cngtngcctt acttggctna ttaaacnnna natcantctt gnnccagatng      540
gngtnttcca ccannntttt ncccnaagcc ttannntacc taacctcnc tntcctccaa      600
gctnctacce tttccaaccc tcacgcncn tcncaaaacg tccctttnc tactctcnn      660
ntttcgaann tccnaattn taccatcnn cccnttcccc nctagcccnt naattntanc      720
cnnntnccctt tatctcnnn tncacttttc gtntccnct nccctcatac cactttttct      780
nnnatcncca ccccgncnnt cactactcat cagccccctc aactnctnnc ncatnanatt      840
ttnacnct cantccctt ctntnccnc tctntnttt ctcgnacanc ctccactcnc      900
ntctatcngn cntttccnn nncntntctc cganncnnt nctcctccca ct      952

```

```

<210> 4507
<211> 789
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature

```

<222> (1)...(789)

<223> n = A,T,C or G

<400> 4507

nagttttttt	tggtgggntt	ttncaatcc	ctccttccag	ccaggatctc	ntnctntcct	60
naanaaaagg	ntgtggcgaa	ttcggcacga	ggtgagcccc	acaggaataa	aaaacactgg	120
gaaggggtaa	ccccctcacc	cccgggagtg	gccagggggg	agagaggcta	cctgangggga	180
angaagcaca	aaanggaccc	gctgcagact	cagggcaaan	ggaatgccat	cngngctggg	240
acctgtgagc	actacangag	gaaacgcaag	cntggtggna	ctggttccag	ncacacaggc	300
aaagggcaaa	agggttggac	actaanccnc	aaagntactt	gggttctctc	ttcttctnnt	360
ttgccttttn	ctgctnctnn	tncatganct	ccaagtcctt	ntgnttgcgg	gcggcagcan	420
aaagcccgtc	atttcggcgc	tttcccttaa	ccnantcgnt	ctgctttttc	atattcttnt	480
ggcgggtcaan	ctcacgctgg	ttaccgcggt	tntatggctac	ngcagcggnt	ccaacctgct	540
ccgttacgtn	ccctttgttc	tgctnnacnt	tncangtccc	nccccctntn	ncaacgtacc	600
cacagtctct	ccttttctcc	ccgccccctt	gcgccccggn	agcccnngtc	cccatttgna	660
caataaaaaa	gcacctntga	ttccacgnct	tcnngccttg	aatccccctng	tctnttaaan	720
ngncnnaaag	ntcccncaat	cctnnaaccn	ccnncatctg	ntgaancccn	ngncctttcc	780
cntnngnnt						789

<210> 4508

<211> 1454

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1454)

<223> n = A,T,C or G

<400> 4508

agggggggnng	ggggnnnttt	ttnggggncc	nnccccctt	ttgtnttggg	gnaaaaaaaaa	60
cccccccttt	tttngggggg	ggaaaaaaaa	nggggcccnc	cgggttngng	gggaaagggg	120
gntggcngnn	ggngggggnt	cgnggggngg	ngngnngngg	tggtngngng	gggggggggn	180
gtgtngnggt	nggtggnnna	ggnnngggag	gtgnnggggn	ngggaccncg	gngggngngg	240
agngggnggn	nnntgtngngt	ggtttttttt	tncngngnng	gggggnnnna	ggggaggggg	300
acggggggng	tgnggtnggc	gngntnngtg	gngggggggg	gnngtntggn	tggggcntgg	360
gtcgtngngg	ngcngtggg	ngncggcggn	gantggngtt	ggcngtngng	ggggtgcncg	420
ncgcnnngng	nagnggggcg	tgggcnnngg	cngncngnga	cngggggggc	gtggggcngg	480
gggncggngg	tggtgnnggg	ggcgagnggg	tggggggggg	gngnagnggg	agnagngggg	540
ggngngttga	gggagagggg	tggggngngg	gnntntntgn	gggggatggt	nggggggcga	600
nngcgnnggg	nggggggtggn	tgtgggnnnn	gggagngnga	gtggnggntg	ggnggtnngg	660
gtgngggngg	gggtggtgtg	gtgagcnggc	gagnggtgng	tgtgngnggg	gnggnngggg	720
gtgngggctg	cgtgacgntn	ngngagaggg	tggngagngg	ggngngagtg	gtngngtgtg	780
gngacgtggg	gtgtgggtgt	nngtntggnt	tncgagngng	ngggnggtga	gncngncntg	840
gngnntgtgt	ngtggagcgt	cngngcgtgg	ngngngngng	cngncggngg	tgggannatg	900
ggngacngng	tggtnnngng	gtgtgngcgc	gngnggtgnc	gggacgtggn	nganggggtga	960
gcgncggggg	gaaggggtgg	gagttgtgan	ngngnggana	tnggannngg	tgtggtgtng	1020
tnngaatgg	gcgancgnat	ggngtgccgc	gcngtgnggg	gcgtgtgngg	nnntaggggt	1080
gnccgaggat	ggggnnngng	nggtgcgggg	gtgtgggtgt	ggtgggnagng	cngacngcng	1140
gtgnttngng	ngngngggct	ggtcncgtgt	ggggggacgc	ggaggtgngg	atgcntgtgn	1200
tgcgtggcgg	ggnnngngcg	gngcgagngg	gcgnanagtg	gggggtggnt	ggttgtgngg	1260
gnggtgnggg	ggggngngng	gnntgtgcgg	ggngcggggg	ngcggcgtnng	gtggtcgggg	1320
gggggggatg	gggncgngtg	gcggggngnn	nnngagtgnc	gacgnngggg	gcggngngan	1380
gggggtnggg	gtgtgngtgg	gtgtgggcgc	gngcngnggg	ngnggagcgn	ngggngtcng	1440
ggnggganggg	tccg					1454

<210> 4509

<211> 895

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(895)
 <223> n = A,T,C or G

<400> 4509
 tttctaatta tcangngnt cgnnactnnc nctananana taggccttgg ngaattcggc 60
 acgagaactt cntnaantgg tgtntnncac cnttngcaaa caggntntna agatgtgcnc 120
 tttgggnntg ctntttggnn acatacatgn ncnttacngn tatctntang nnaactcnan 180
 aactntctng aatttgnena cnntgcnatn tattgtgtga agcgtgcac tanctcacgt 240
 ttaccantaa nggtncatt nccccatttc attatntncc acttataagg ctcaaagaa 300
 nttgtcccca ttccggccca anacacnctn tttagnntga atggntgaat tggcaaanca 360
 tgaanntcaa accnattanc cgnaactggg cancnatccn caanggcctt cntacctgga 420
 ncttgttnaa ggtgggaanc cnttccttag gtcccaaaan ttgtancatt ttacccttgg 480
 cnnggtcatt aatttnattc ataacnaagn ggtcnatntt ntncttnat gaccccatcn 540
 gtgaaaaaat tncctaatec antaacccca anccntgctc nttaatcca agtcctcng 600
 ccntnanang aattcncctt nncnanaann ctmgatctn ntntntnca agcangnanc 660
 nnggccnngc nttngggnga anaaatnccc ttgntnaaa cacantcna ncccaaggtn 720
 tncaaaaaann ntccctgnaaa tcttntttgg cnnnannggt cttttaccen tancccnttc 780
 ccaattggga atcacttgca antnganccn ngtgcctta gantttggnn nnaaatnggn 840
 ctaaacctcn ttggnnntnt tctctnttcc gcnnnggaca atccttnncn anacc 895

<210> 4510
 <211> 779
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(779)
 <223> n = A,T,C or G

<400> 4510
 tggtnnnnnn naggttgggn ttttcaattt tntctanach ccngnctctc gttctttccg 60
 caacaancnn gcggntcgaa ttccggcacga ggnnnccgc nngatcagnt nttctnnnac 120
 tcantaanna cttctgggtn acnggatcaa attgaatctg cntaggctgc tgtatntgga 180
 gganncnngt tcgcnngant aaaanctggn catnnngang nctgancnnt tnccnnaaag 240
 gntangtcca ntgnnnctga tcancncaa ntacncagnc aganatccaa anaccagtna 300
 tatatgtnc nttgtcagg ggtgtggnc ccaatttcna tngagntcna cngcnnnct 360
 cnngaactnc ntncnactt cttncanntn gtcnngnaan ncntntntnc atctnagctg 420
 gcacatgaga gtaccntct gctatgccag aagtatgaca ccaccagtn atagttccta 480
 cgaccnttac cactgtgact gattgagtgg tgtgagaatg agngactncc atngattnc 540
 ncatttncca tccatctagg ngccactctn tngcatnga ttntccctg gcnaaccnaac 600
 tctnngantn ggatgacttn tcntnagant ngattcttaa natcnngaant ttgatgatnc 660
 tacttatacn gnnattttgn ccctncngna aangcattga agtngggtan ntaaaatagn 720
 naacnacccc anttgccaat ttnccaaaac cnccaaagcc tnaccccgng anggggnnn 779

<210> 4511
 <211> 10
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(10)
 <223> n = A,T,C or G

<400> 4511
 nnnnnnnnnn 10

<210> 4512

<211> 755
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(755)
 <223> n = A,T,C or G

<400> 4512
 ngtnntatagc ttntctaatgc ttctntancca attcgggancg agagaagccn tgagcagcaa 60
 agtctntcgc gacaccctgt acgaggcggg gcgggaagtc ctgcacggga nccagcgcaa 120
 gcgcgcgaag ttcttggaag cgggtggagtt gcagatcagc ttgaagaact ntgatcccca 180
 naaggacaag cgcttttcgg gcaccgtcag gcttaagtc actccccgcc ctaagttctc 240
 tgtgtgtgtc ctggggggacc agcagcactg tgacgaggct aaggccgtgg atatcccca 300
 catggacatc gaggcgctga aaaaactcaa caggaataaa aactgggtcaa gaagcttggc 360
 caagaagtat gatgcgtttt tggcctcaga gtcttttgat caagcagatt ccacgaatcc 420
 tcggcccagg ttttaataag gcaggaaagt tccctttcct gtnacacaca acgaaacatg 480
 gtggccaaag ttgatgagtg gaagtnacaca atcaagttnc aaatgaagaa ggtgttatgt 540
 ctggctgtan cttgttggtc acgttgaaga tgacnngacg atgaancttg ggggtataaca 600
 ttcacctggc tgtcaacttc ttggnggtca attgcntcaa agaaaaaact tgggcagaaa 660
 tgttcnngc cttatntnt caagaaccnc catggggcna agccccaacg ccctttnttt 720
 aaaggcncat ttggaattaa attcntnttt ncccc 755

<210> 4513
 <211> 1166
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1166)
 <223> n = A,T,C or G

<400> 4513
 ggagnttacc ccttnnngaa acccctttat acangctact tgttcttttt gcaggatccc 60
 atcgattcga attcggcagc aggtactctg ggaggcnaga gttttngaga atggccngaa 120
 cccangaggc cgctggatnc gggngaaggc ctggtgngga tantntanga tcttgntgaa 180
 tcccactcca ngananttan ntnnatnnga cctntntcta nnttantgn ttncatatnt 240
 nactcaanat ngcaattgga tntattnatg cncnncantc acttatcacc tngatcatnt 300
 ggaaacnaat aannatctcn annangatcn gtcantnta atantgngga tcaacnntnc 360
 ctctcntnnn gggaatntna ncntgggtact naccnnttt nntaanacca tcttnnccat 420
 tnacnnncna nngcnannan annanatnta attnaattnn ntntanccaa gatccatcna 480
 cgttangaat tnttccccc ngnggaattn gcaanaacaa tntcnnganc taanaacaat 540
 tcnngcnnntn nacaaatcnn nttnnanncan nanncgccan tntaatgntc aantncaaan 600
 cngcccngca cgnanagatn natnannnct ctnantctct ntanccanc ccatacnnat 660
 tcgatancna tnannacntg gacntnctct nnatcgtnnn nacgtcatcn ctaatanctt 720
 ctgcgtcatc gcnnatgatc nngncctcta acgacnaat angngcgata tgatcnanat 780
 attaatgctn tantagtcgc ancctanan nacnatggcg nnatcnantt naatgtatgc 840
 gnccangtaa nctncgcgtc cncatagntn nanncnctnc tccnnannat gancnngtaa 900
 natgtntacn gnactntctc acgmnattnt cntatanagc cgcgcanatn cnancaantn 960
 nantannctn tatnangatn attacntcgc ttntncnacc ncaatacnc ngnatnnana 1020
 acatcngcnt ntgnngtctg ngntgannaa ctncannna catntcnatn acacnncgta 1080
 nnnnancatc cagctnntac nntaatgatc tcannnnncn cacatnanat ntatcatntg 1140
 acntnctacc attnacnnag ngaccg 1166

<210> 4514
 <211> 1185
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1185)
 <223> n = A,T,C or G

<400> 4514
 ggnnnnnggg gggnnnnnnn nnnngggggg gnnngngngg nnnnggtttt nggggggggg 60
 gctnttggtt gggaaaaaaa cccccnttt tngggggaaa aaaanntggg cccnnnnnnn 120
 nnnnnngggg gnnnnnnnnn ngggggggng ggggnnnnnn nnnngnnnnn nnnccnttg 180
 gggggggggn nnnannnggg ggggnnnnnn cccccnnnn nggggggggg gnnccnnnnn 240
 naannngggg gnnccnnncn nttttttttt ttggggggnn ccnanngggg ggggnntnnn 300
 ncccnngggg gganancntt tnnnnnnng gggggggggn nnnngggggn nnnnnnnnnn 360
 nnnngggggg gnnnnngnnn nngntnnnnn nnnnnngggg nnnnnnggg ngnnnnccnn 420
 ntntggnna nnnccnnnn nnnnnnnnnn gnttgnntng nnaannnnn ntggggggnn 480
 nggnaacnt tnnngggggn gggngnnnaa nnnnnnnnt tnnntnaaa aagggggggn 540
 taggctnggg ggggnttaa aannngggng gnggggggg ggnnnnnntg gncgggnaa 600
 annnnnccnn ttngggggg ngggngggag ggggnnggg ggggnntnan ggggggggg 660
 ngnnnnngn ngggggnng ggggggggnn gnnngnnngn ggggnaaac ggggggggg 720
 ggggggncgg gnnnnngggn nngggggggg ggggnggggn annggttggg accggnggg 780
 gggggngng nggggccgg nngggacnn ggntnnagg ggggcnngg nnnngggncn 840
 gtttgnana aaaaaanna angtggggg cntntgggac nntgggggg ggggggnttn 900
 cggggggggn cccggggcnn gggggnngg ggggnccnnt ggggnggggg ggnntngggg 960
 gnnanancgn nngnntnggg naaggggng gggggggnaa aaaaaanggg gggnnngnnn 1020
 nnnngggggg gggaaaaann ngggggggga nggggggnnn nggggggggn nnannnnng 1080
 ggggnnnnc cccnnnnnnn ngggggnggg ggggnnnngn nnnnnncng ggggnnnnnn 1140
 nnnngnnnnn gnnnnnnng ggggggggn nnnnnnttt tnnng 1185

<210> 4515
 <211> 1142
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1142)
 <223> n = A,T,C or G

<400> 4515
 ccncangggg cccnaacaan aggggccncc ncttctntgg gncaggggga aancctttt 60
 ttggccnaaa aaacngccct ttgggggggg aaaggnnggg ccgggnccn nggggccc 120
 ggggggnccc canaaaaaaa acnnnncccc cccntntncc cccctnnnc cccnccnnn 180
 aaannaaaaa agggggaacc cancnaagg gggggccaan anggggggga aaantntaaa 240
 agggggggcn ccccaaaaac cngggggaaa aaaanncccc caagggggga cccaaaaaaa 300
 nnnnnccnaa accccnttg ggaacccaat anccccggg naaaaccccg gggaaaanng 360
 nnnnaaaann ccngggcccn aaaaaggggg ccccccnna annntncccc acaaaaatna 420
 aaaaggggcc acccnttnc cgggaggnaa nntccaagg gggggacaag ggnnanttt 480
 gccgggggga aaaagggant ccaccccccc cnagggaaat caaggggng cggggaaana 540
 ggangcntn acccaaaacc cccgggggna cggngccng ccaangaaa agagaangna 600
 ntntnnaaac ccgggggana aagngnaanc ncgncgnan nggaagnggg gngcccccc 660
 ccaancaaa angncccccn agggggcccn naacnggnaa cncnnggggn nnaaagggg 720
 gccnaaaagg ccccggggcc ccaaananc anaccnng nnnngnaaac aaannccaa 780
 acccctgggc ntntgggggg nggcaaaacn aaccccccg angggggaaa aaaaaatang 840
 ggggnaaaaa ggaaaccaa andtggggcc ngggcnggna aangngcgt accccccgg 900
 aaaaacccaa ncangncng gggaaanaa aaggcnatg ngcccaccg cgggccang 960
 ccccaancac ccnntagn tntcccccn ngaanaaann acncgcatcc cggaaccca 1020
 aaanngggaa nagccnncg gggccaagg gnnancngn nangcncnn cncccgggg 1080
 gncannccn anacntncc ggcnnnaacc ccccaanga anccggggga aaanaagggc 1140
 cg 1142

<210> 4516
 <211> 741

<212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(741)
 <223> n = A,T,C or G

```
<400> 4516
cacaccncaa angcacnna aacnancacn angnccgaaa cgaccennaa cgcgcgcgcc      60
acnnncannnn gacgcggnng aannnnccgc gnaaaagacg nagcganaan caanacanag      120
cnnncacaaa ncacncnca ccccccncgc agtntggaaa ccccnangca aanaccacc      180
ccacgnacgg cgagggaaac ccaaccgggg ccgcaatntc gncnacncng ggnagatanc      240
acnaaaagnnn ncccaccact tnaattaaac ccagcaaaaa caccacacan ggacacaggg      300
gggggcnacg gganggcnac ccgcannnna cccacanaca aaccggagnc gcgncgccac      360
annacacggn gcacnaanca acaccccaag anacnaaagc ccncnanggn aanagcccna      420
naacganncc ancnccanac aaccgaacac acnaacgcna cngaacaaaa accangcnac      480
agagcccanc gcannngaag naaagccac acaaanagca cgccngnaac nagaaagccc      540
aacagacnna caacagaacn nanaagacaa accccacggc ncnncaanag cccacganac      600
cacgnaancg nnaccccaa gcanaaagcg agaggaaccn nnncanaaag ncgcgaccgc      660
ngcggngnga nacaaggaaa ncaannaaaa aaangaganc nccncacnag cccaaanaa      720
cccgnnanaa ccgcnncgc g
```

<210> 4517
 <211> 753
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(753)
 <223> n = A,T,C or G

```
<400> 4517
ggcanttgnt cttttgcnga tcnctcggtc gaggacnctc gagagtntc atgtactagn      60
atggtactgg ctgncnngcg aatatctnng accaattatn aaanaaatat gtgtagagta      120
ganataaant ggtaactagt nnnttatnag aggggaagtn ggntggnttt ataaattaaa      180
tgaacattta tgcggtcggt tatttnnacg taaaaatagn tggtatatc taggnaacag      240
aaatthagaa acctattttt ctgtagaaga aagggtgctc tatctgctnt tgatntctca      300
gatatttgct tctccttaga atgctatgan cagatntnta ttagaatgaa gttntctaaa      360
ggctttgatt ggcatgagct nnattactta ttngcttang ttaangatta gcccaataga      420
catattatct ttatggacca ttgcaaattt ntctaantc taaccattnt taacctttta      480
tatatgaatn acnnaggaaa ccatnnnatt attataaagt ntattcctgg cncnntggaa      540
ngncactcaa tnangtattt gttaattgna gntaaatgat ccccgatnng agtagnnacc      600
tuncangttt ccnnggggaa tnccttntct accnaccgtg gggggnttac ctctnnaaag      660
attgtttttt nggttcccaa cttnaaccng gaaaantacc ttgggaaacc tggnccccct      720
nnagnanaat cntcgntttg ggcncactg atc
```

<210> 4518
 <211> 972
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(972)
 <223> n = A,T,C or G

```
<400> 4518
nnnnactana nacaatncaan tnnntcannn acnctcanan nnaacannna tacnncnnc      60
ananatnana natnncnttt caccacanan ctcactnccn tacacannct cnacnactnn      120
```

cnaagngggag	ggaanntagn	gantannaga	gganatngaa	angcggcgca	cantaatttn	180
taaaggnngg	ntctntaant	ncttggntat	cgncctcat	gnaggnaccc	atcgcannc	240
ctnngatcnc	cncacagang	ttacatannc	actgttgac	cagcncagta	actaggtatn	300
tnacacctac	annactcaca	ngtgcacggn	tntannncn	acntntaact	gctcttcag	360
cttncanggc	cctatnnang	aanccagan	atnacannnc	ttntactatn	acttaccaca	420
canagngagg	cnttngctnc	ctaaacnnaa	tntntatcan	acaagcnntc	catcaanatn	480
tctaantnna	ngggctaata	angaancaag	tcnncgtgnt	gtgtancctn	ttctccctca	540
ncanatacaa	tacaggagct	gatatgcctg	ggctcaccct	gcttaanaac	aaggncctca	600
cnatcngncc	ataccctnn	tattaccna	gatgggaaac	ctctgnanaa	tgttgnact	660
ancctngact	ctantctctn	atatactgcn	nctntatngt	caatcncnat	ntaaaccata	720
anggttcaat	agcctataaa	aagngcgccn	gaaattagta	tgngnnattn	naggtananaa	780
actcanntaa	angcattcaa	atcttcangc	ctaccatgac	cctatttctn	cccactntaa	840
ccaanatgnt	nactctcana	tnggaggaca	ncnccctgca	atnctctcac	ctccccatnc	900
ctcaacatnc	caccangaa	accanaatgt	gntaanccctc	nttncaacaa	aaatngnngn	960
ggtaagnaan	cn					972

<210> 4519

<211> 759

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(759)

<223> n = A,T,C or G

<400> 4519

tnagnttttt	ttgtgggttt	tctttttact	aanngctggg	ntatcgttct	ttccgcagna	60
accntcgtat	tgaattcgg	cacgagggga	ggagaggcgc	ggggagccag	gcctcggggc	120
ctcggagcaa	ccaccgagc	agacggagta	cacggagcag	cggcccccgc	cccgccaacg	180
ctgccgcgg	gatgtccag	accttgtatg	attacttctg	gtgggaacgt	ctgtggctgc	240
ctgtgaactt	gacctgggcc	gatctagaag	accgagatgg	acgtgtctac	gccaaagcct	300
cagatctcta	tatcacgtg	ccccctggcc	tgtcttccct	catcgttcga	tacttctttg	360
agctgtacgt	ggctacacca	ctggctgccc	tcttgaacat	aaaggagaaa	actcggctgc	420
gggcacctnc	caacgccacc	ttggaacatt	tctacctgac	cagtggcaag	cagcccaagc	480
aggtggaagt	agagcttttg	tcccggcaga	gcgggctctc	tggccgccag	gtagcgcgtt	540
ggttccgtcg	ncgncgcaac	caggaccggc	ccagtctcct	caagaagttc	ccgagaagcc	600
anctngagat	tcacatttta	cctgattgcc	tttattgccg	gcattgcccg	tcattgtgga	660
taaacctgg	ttctatgaca	tgaagaaagt	ttgggangga	tantnccata	cacaacacta	720
ttcctttccc	agnatttgg	actacttnat	ttaacttnt			759

<210> 4520

<211> 841

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(841)

<223> n = A,T,C or G

<400> 4520

gtttttttgn	ncngnaaacc	cttggcannn	ncggancagc	ggacncggtn	ntcgnattng	60
gccgagggca	ttgaaacctc	cgttcatnat	ttttcggagt	taaanaggca	gcantngcgn	120
gnntgtacac	actnntanac	aggnnnnnnn	atngacttga	cctnntngaa	tctctaaatc	180
angttccata	tggatcgaan	gnccattatg	cnattcanat	gcngcccntt	ctnangngng	240
tgggncntc	naccctnngt	gcncgtgcag	aactganann	gacggaccgc	ctcancnnc	300
ncnaacgtgc	aanatgtatn	nanncaggtg	aaggggaaca	ctaaccaagc	attgaggctc	360
naaaaacagg	gatnnggtat	agtganctnc	ccnganagca	aaagnanntc	tgctcaccat	420
ttcccaggna	gctnagaanc	cgcngattcc	tgaantcaga	cacagaatna	annctacccc	480
gnngcaggaa	nctntcnntt	gaaaattttc	ctnacggngt	cnttaccntc	ttnggcttgg	540

ggantnantn	gggcaccaag	taaanntntt	ntgencaccn	ntgggggnac	cctttccatc	600
tgaccattc	nnngctctgt	aacttgacan	gntttntttt	ccgcatttgg	gaaagntgna	660
ggggtgctan	agccttaaaa	atgnaanccc	cttttttttc	ttaaaaaana	aaaagtttgg	720
tccggctttt	attcnattgg	tngggatggn	ggggggagga	naaccannta	aaggtttttt	780
ntcnngaate	cccnggggag	tggnnccncc	cgantttttt	tgggttcaaa	annctttccc	840
t						841

<210> 4521
 <211> 938
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(938)
 <223> n = A,T,C or G

<400> 4521						60
gnnnnnttt	ctnnaagggg	gggcaggggg	ggtttccett	tctnacagcg	agtgaggacg	120
tcnnantcgc	ccnaaacana	atagggcggg	gnaatgcacc	accagggaca	ctcagncctc	180
cnancggcgg	gcctngngng	aagaagccan	ngggctgggc	tgatgnaaat	ggtagnnnac	240
anngatccct	gggggcatcn	cngaccnnan	catacnagt	gnannanccc	ntnatnnctt	300
tgnaaancnt	nntgnaggan	gcanttcact	gtcccaagaa	cnctgggtcn	aacttgacan	360
annggctcca	tgccctgnag	cccgcattgna	tttgccggtn	ncanacagag	cacatccatn	420
ggggaaatgg	gnactnactn	atntgnctng	aaaagnagat	gccncaatcc	tgacacnccc	480
accactcccc	atganacntc	tgcnnggatc	ttnagggacc	ccccgtaact	ggaaaacncg	540
nggcccgtgc	cccactntaa	tgacnangc	acnccngagg	ggnggncntc	tactgngcc	600
cttgcctgnc	acnacgccct	ngaccgnncg	ccacctgang	ancgaaaccn	nagccngcaa	660
ccccnngtnn	cccancaccg	gcancctatc	cccaagcaan	nnccctnccc	cccccttta	720
nnnnccaaat	cgntcccacc	tnanntnacc	nttcggcnaa	agteccaccg	tcnnnncana	780
gggcntnncn	ccnganatgg	cnnnatnaa	cacctnga	tcnnngancn	naacnnnnct	840
tcccaaana	ncttttagcc	cttngccacc	ccnnccnngg	gggaancncn	cctnccgctc	900
aaagcctacc	ttgnaattn	cggncaanna	ggccccnngn	ntttccnnn	catactngcn	938
tccccnnngg	ggcccatnnc	cgaccncaaa	aggggcct			

<210> 4522
 <211> 1128
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1128)
 <223> n = A,T,C or G

<400> 4522						60
gctccacaga	gcggnntttc	nacngcaacc	ggacgccngg	naaccccngg	ngccgnaaag	120
gaagggnggg	gcnagggggc	cncnncggcc	gncnngaacg	ggncacgana	cagttttttt	180
ncnaacacng	acnccgaaaa	natgcnnnga	gngctntncn	antnnnancn	nagagcgcca	240
nacgtngcac	aaangcngnc	ngccnagtgg	caccctnncc	gacantcccc	nagtntggag	300
acggncnaat	gacnanaatn	ggaccnngnc	nanngacncc	ncacncacac	cnnnagngnn	360
gacanganng	nggcctaana	agnanangcc	cacnnntgt	gccacntct	angngntnc	420
ccaggagncc	ncanncgana	cnaaaangcc	ctnngggnc	aacnggtggg	accngccaan	480
ctnnggnann	cannaaggan	gnntcggtaa	ancctngnag	gncngcaggn	anacgtcacg	540
cgnggcctca	ctnnacanc	ctancancgt	nccanntngg	gntacactct	ccaaacnaca	600
tgagtctcct	cncnnaaant	ctcggggngg	nnnncncccc	antcatacnc	ancccnegna	660
aatnaatata	ccncgctana	tnccggcaan	atctgcnngc	acaagannna	gaccnccta	720
cgactnntan	ccannctann	angggncaaa	acggngcncn	cncagnaaga	cncggcann	780
tncaanacan	cncncattnn	anannggctn	actctnagaa	nacntcctnn	aanctcanct	840
cacccttncc	ttgctntcac	gnggcattna	cactacattn	agngggntca	cactcttcaa	900
aaggntcctc	tggncncccn	tngaaatgca	ncnactcttc	ncnanngnnt	ntccnagcaa	

accaanagnt	caaaccncta	accanancn	cnntccccctg	gcctggcccc	ctttaaannt	960
gganaccant	cncctatngn	cnncggggaa	aaaccncnt	agccccaaaa	annangctng	1020
gtgaagnnna	atggaaagnc	tatnctcaag	naaatcccac	ctatttaana	ataancngnc	1080
cccgganccn	aatntggccc	cttaantncc	actcctntngn	naccgggc		1128

<210> 4523
 <211> 876
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(876)
 <223> n = A,T,C or G

<400> 4523						
gnattatngg	cctaaatnnt	tgaagnttgg	tgatnctgcn	tnggggatng	tngttncngg	60
caagcccatg	tgtgtacnaa	agcttctccn	actatncgcc	ttgncggna	acaannttnn	120
ttgagataaa	acaannactt	tncgnagngt	gtcaaataana	gctgcggacn	agaatgnnnt	180
tncanctgnc	natgncncct	gcatatgctc	naaaagacnc	nganagggan	ntgnnttttc	240
tcctttgtnc	cgtgcctcnn	acttttagtc	ncctggngaa	gganccnacc	cnatantgct	300
aaantgcatt	ggcnanttga	aggtnaggtg	gcaaacgact	ncctanatga	taanggtccn	360
gttanmnaaa	ncttcngtng	gacncnangg	tgantnang	gctcnnntng	gccttanctt	420
nacngnctag	nngnacntcc	ganttatng	gnncttcacn	tcaggggntt	gctttannng	480
gacagntaga	ccgaagattg	gaaanngann	ttggtgggcc	cattgncnt	actnnngttg	540
ttccgnnana	nctgggnang	nttgantngg	tnggacnant	ttgnaccn	ttggttttgn	600
gaccaatcng	ngcaaacaat	ggcaaaaatc	cncttcnttt	tcttnaaana	nntaanaatt	660
cttanggttc	ctggggggcc	tcctcttttc	tgcnccaacc	tttcnccaat	tannctttac	720
gntgggntnc	tnntcaccac	aaaccnttgg	gganggtccc	aancnccnng	gggaggncac	780
aanaancccc	cattggcccn	ccnnacctat	tttgccnngg	tnnacgaann	attctanctt	840
ttaannaann	cnatnttttn	attntttttc	ngaacc			876

<210> 4524
 <211> 806
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(806)
 <223> n = A,T,C or G

<400> 4524						
gtgntttcta	atgcttctaa	tngcttgget	actcgttctt	tntgcaggat	cccatcgatt	60
cgaattcggc	acgaggannt	ctntgctatn	gaacagnngc	tggttnnacac	tnnggantta	120
nnntgnacn	ntannnattg	nancanntan	tactggnnnt	ccntaatncn	ntaatgtna	180
cntnttgcaa	gnngnncgta	tnaaatacac	gacaggaggg	aaantantg	cgatcataggc	240
acaggcagac	ctaccgnnta	aggagatnat	ntnccnang	gntggctgtt	gagncatgc	300
aactctggna	tgtatttccc	tttataggac	caccttgtn	atngtgata	aagcccctaa	360
agnaggatgn	naaagatgat	cngatccaat	acgttacnct	gacannaaan	nntgtnatac	420
ntcngctgan	caatctntcc	ancnnntnta	atatcgtgna	tcacctaggg	tgtatgacn	480
taggaactct	gcncctncan	tcnggactgt	ccatcacnga	ctnntgggct	nctactgtac	540
antangcgna	gaanancnnt	cannctacan	ntaaccagat	tggtgctggn	anatgggtant	600
gcnnnttnan	cncacacgac	ncaataaagn	ncnctntnc	cccanancct	ntnaggga	660
gaaaggaatt	ttncatagtg	ggctcaatga	anggggtacc	cttggncctt	ntaaaaaacg	720
ttncatgggn	cctaccttaa	acctgngtna	actnanancn	nttngncata	anggggtctaa	780
cgnctatang	gggnacnnat	ttttnc				806

<210> 4525
 <211> 760
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(760)

<223> n = A,T,C or G

<400> 4525

ggntttctaa	tgctttctaa	taccttggct	ctngctcttt	ctgcaggatc	ccatcgattc	60
gaattcggca	cgaggaaatg	tgtatttcag	tgacaatttc	gtggtctttt	tagaggata	120
ttccaaaatt	tcttgtatt	tttaggttat	gcaactaata	aaaactacct	tacattaatt	180
aattacagtt	ttctacacat	ggtaatacag	gatatgctac	tgatttagga	agtttttaag	240
ttcatgggat	tctcttgatt	ccaacaaagt	ttgattttct	cttgatttac	attttttatt	300
tttcaaattg	gatgataatt	tcttggaaac	attttttatg	ttttagtaaa	cagtattttt	360
ttgttgtttc	aaactgaagt	ttactgagag	atccatcaaa	ttgaacaatc	tgttgtaatt	420
taaaattttg	gccacttttt	tcagatttta	catcattctt	gctgaacttc	aacttgaaat	480
tgtntttttt	tttctttttg	gatgtgaagg	tgaacattcc	tgatttttng	tctgatgtga	540
aaaagccttg	gtattttaca	ttttgaaaat	tcaaanaagc	ttaatataaa	agtttgcatt	600
ctactcanga	aaaagcatct	tcttgatat	gtcttaaaat	gtatttctgt	cctctataca	660
naaaagtctt	ttaattgatt	tttacagtct	ggaatgcttg	gatgntttta	aatantaaca	720
ttttatattt	tttaaaagac	aaancttata	ttnatcctng			760

<210> 4526

<211> 1236

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1236)

<223> n = A,T,C or G

<400> 4526

tttgttggng	tttggntnng	ggtgggggct	tntntttaan	gnntgntnta	aatcggtgng	60
anagncccta	anatngaata	gggttngggg	ccatncnntt	ntcntntach	nnnnncnct	120
atgcggnnnn	nngcctcann	ngnacttttt	tanatnatnt	tttnnccctg	nnanngntnt	180
actcancgtn	ntgttntgnt	nctantccaa	natacatgga	tntgcccnn	actnnnnacn	240
ntacagngnc	tngcccngnc	nngttcnann	nattancnna	ccanntnntc	ntnnttncng	300
anagagtntc	gcnnntcntg	aaatggtanc	gccnctcgaa	caenntnnta	tcnctancn	360
gttctcttgt	ctnntcctnt	anatgantcn	ganctttttna	atngagtncc	taatctcnan	420
ngntcttttn	gatcntntgg	tcttttgenta	ncttnnaacn	tccttttgnt	tangnanana	480
anccttenta	aattnannca	anttnnnttc	ctnnctaagn	anngnccctt	antnntntnc	540
ttnnantacc	ctnancnttn	ttcnancnna	tcnttcncca	cngtntntaa	ntnnantnna	600
tttcnaantn	cctnnccntca	acnacntcaa	ntacancntc	ctctcnanct	atcacaann	660
aanngncaact	aanncgtaact	atctctncta	nggntccncg	ctatttnttc	cnacttncn	720
ccaanannat	annntanaaa	atnntccttc	taacnttncg	gctantctca	tctctnnctt	780
anntnnnntc	agcgacanat	nnnnncnctnc	atatanatnn	ctcangtann	aantctctnta	840
tntntnccct	nananacacn	ntctntnnaa	nttcttcnnt	ntcttantnn	natantttcn	900
ntntnttann	natacnāact	antntncntn	ntntnatnt	nnnatatcca	cctntannnn	960
cantntncna	tanntctnat	tnaatcnct	tctacancct	annnnntcnn	ccntttntna	1020
ttcnctttct	gngnaatata	tcnatattct	nctntannna	attnntttct	ntcnctctnc	1080
antataatat	tttngggggn	tntctnatna	tntnctctnt	aatttttncn	nnntncnntt	1140
annaaacctt	ggngaaatta	atctcntant	catntatnct	nnnggnnatg	tacaccaaan	1200
ttnggttnan	ntntntttct	tcantnntaa	nnngnn			1236

<210> 4527

<211> 752

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(752)
 <223> n = A,T,C or G

<400> 4527
 tgntttctaant anttgctact tgtttcttttt gcaggatccc ttttgacgnc tttggcacga 60
 gaaagaaaagg gctcgtgaca gagaaagaag aaagagaagt cgttcacgaa gtagacactc 120
 aagccgaaca tcagacagaa gatgcagcag gtctcgggac caaaaaagggt cacgaagtag 180
 agaaagaagg cggagcagaa gtagagatcg acgaagaagc agaagccatg atcgatcaga 240
 aagaaaacac agatctcgaa gtcgggatcg aagaagatca aaaagccggg atcgaaagtc 300
 atataagcac agggagcaaaa gtcgggacag agaacaagat agaaaatcca aggagaaaaga 360
 aaagagggga tctgatgata aaaaaagtag tgtgaagtcc ggtagtcgag aaaagcagag 420
 tgaagacaca aacactgaat cgaaggaaaag tgatactaag aatgaggtca atgggaccag 480
 tgaagacatt aaatctgaag gtgacactca gtccaattaa aactgatctg ataagacctc 540
 agatcagaca gaggactact gttcgaagat ttttggaaga atactgagaa cggcataaaag 600
 tgaagatcga catttaaaaa atgaggtgaa agaaagctnt tgtggcatag aaaaagtntt 660
 aagctcaant agttttttta ttattattat tattaaaagt tattcaggac tgatgtgact 720
 ncngatttna gaacatgtgg taatagtnta nt 752

<210> 4528
 <211> 752
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(752)
 <223> n = A,T,C or G

<400> 4528
 tgntttctaant anttgctact tgtttcttttt gcaggatccc ttttgacgnc tttggcacga 60
 gaaagaaaagg gctcgtgaca gagaaagaag aaagagaagt cgttcacgaa gtagacactc 120
 aagccgaaca tcagacagaa gatgcagcag gtctcgggac caaaaaagggt cacgaagtag 180
 agaaagaagg cggagcagaa gtagagatcg acgaagaagc agaagccatg atcgatcaga 240
 aagaaaacac agatctcgaa gtcgggatcg aagaagatca aaaagccggg atcgaaagtc 300
 atataagcac agggagcaaaa gtcgggacag agaacaagat agaaaatcca aggagaaaaga 360
 aaagagggga tctgatgata aaaaaagtag tgtgaagtcc ggtagtcgag aaaagcagag 420
 tgaagacaca aacactgaat cgaaggaaaag tgatactaag aatgaggtca atgggaccag 480
 tgaagacatt aaatctgaag gtgacactca gtccaattaa aactgatctg ataagacctc 540
 agatcagaca gaggactact gttcgaagat ttttggaaga atactgagaa cggcataaaag 600
 tgaagatcga catttaaaaa atgaggtgaa agaaagctnt tgtggcatag aaaaagtntt 660
 aagctcaant agttttttta ttattattat tattaaaagt tattcaggac tgatgtgact 720
 ncngatttna gaacatgtgg taatagtnta nt 752

<210> 4529
 <211> 1017
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1017)
 <223> n = A,T,C or G

<400> 4529
 gnttttcaat gctgggagag ccgatngngg ctggnnngcg cccaannaag ccctttggga 60
 aaganccgng cngtggggg gagnngccan ggggnagnaa agganngngn gnggagngn 120
 ggggnggcn cngtttagng acagacncng gggagaaaac gggggcgcg gcnccggagag 180
 cgggnggann atgnagggga nccggnnagn nnnacagcng aaaggngcng naaggnggag 240
 nntaaggngn ncnggncncn anacncgagn gtangggcnn gncagagccg cngaaganag 300
 cgannccgga ggcncggggn gnggggggca tggccngngn nnnngngnag ccnagtnagc 360

gggnagaggg	nangggcgcg	gggggagng	acngggggan	gccnngcgga	nggaatagna	420
gggggagggc	nnngagggg	gncgngaggg	ggganncnn	gcgnnggggn	nagnngacgn	480
ganacgagng	nggccgggga	ncgggaggnn	gggggncnn	ggggccgga	cngggagngg	540
gagngngng	gggagggan	gggggggcan	ccggnacngg	nngggngng	gggggcaggn	600
ggnangaggg	gngaggnccg	cgggngnnng	ggggaannng	gangnggggg	ggncnnngg	660
nggngnggga	gngagagggg	ganagggggg	ngagccnggg	nnnncagggg	gnanaggggn	720
ggngnnnagg	nggcgngggg	gagggagngg	ggagnganaa	aagngannng	cggggnnnnc	780
gggggngngg	gagancaggn	gggggggcng	cgngaaggaa	agggcggnnn	agagngcg	840
nggggggncn	ncggggaggn	cnggacncnn	gngggggcnn	annnganaag	gnggggngn	900
ggngggannn	gnggngcggg	gngnncg	ngngnggggg	ggnggggggn	acncnggnag	960
ngnnngnggg	ggcncagnga	ggggnnacac	ncncgggggg	nnagnnnnnc	gggcg	1017

<210> 4530
 <211> 810
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (810)
 <223> n = A,T,C or G

<400> 4530						60
ggaaaggggg	ngnnntttct	aaaggngcctt	ttcaaactnct	tggctactcg	nctctangta	120
ggatcccatc	gatgcggaat	tgggccacna	ngnnaggnag	ggmntgcang	ctggngtnt	180
cactgataca	ngcacgcgng	tatgcaaagg	aaggaaggga	gcttaatgcc	angaacagat	240
nttgagttg	gtgggggtctc	aataaangtt	atgttccact	gaaaaaaaa	naanaaaac	300
tngggcctct	agaactatag	tgagtcgtat	tacgtanac	canacatgat	aagatacatt	360
gatgagtttg	gacaaaccac	aactanaatg	caangaaaa	aatgctttat	ttgtnaaatn	420
ngtgatgcta	ttgctttatt	tgnaaccatt	ataagctgca	ataaacaagt	taacaacaac	480
anttgcatc	attttatgtt	tcagggttcan	ggggaggtgt	gggaggtttt	taaattcg	540
gcccgcggcg	ccaatgcatn	ggggccggga	cccagctttt	gttcccttta	gtgagggtta	600
aattgccgcg	cttggcgtaa	tcattggtcat	angctgnttc	ctgtgtgaaa	ttgggttatcc	660
cgcttcacaa	ttttcacacc	anccattacc	gagcccggga	agccataaaa	gtggtnaaag	720
ccctgggggg	tgcccttaaa	ttgaagtga	gcttaacntc	cacaatttaa	atgtgccgtt	780
tgngcgttna	acttggtccc	gtttttccaa	ttcggggaaa	aacctgtgnc	gtnncccaac	810
ctgcctttta	attgnaatcc	nggcennacc				

<210> 4531
 <211> 814
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (814)
 <223> n = A,T,C or G

<400> 4531						60
ntgngggggg	gaggggtctac	natnnagngg	ggctnncnt	gctctccgna	ncagnccggc	120
ggngncgaat	tcggcacgag	ccaagnaata	cctnggtaaa	tnttctaacc	tnatantgta	180
tncagggtnn	atggctcatt	tagnttgaga	gtgttaagag	actggagttt	taatccaata	240
ngngtgccct	ttggttctca	gatatacata	caagctgtga	ttgtttagat	gtttccatct	300
ttttatatat	gcatatacat	attattattg	gtgtntttta	tttnaggaa	ctgaaagaaa	360
atgggtgaatt	gctgcctatn	ctgagaggag	aaaattaata	aatcttaaac	ttggtgcccc	420
actattgtna	gaaatatcta	attacattgg	gagcagntca	tgatntagtc	ctcagaaatg	480
gactaggaat	agaaaattcc	tgctntctca	gatacatgtt	ctgtgtattt	ncaatgtcgn	540
gctaaatnaa	tgtatgttac	attttttttc	ccnccanaaa	aaataannaa	aaaactcnga	600
gcctcttana	nctatagcga	gtcgtattnc	ggnacnatcc	agacatgata	agataccntt	660
gatnagtntg	gnccaaccnn	acctagaatg	caantgnaaa	aaangcctta	tttcccgnaa	720
attttgngan	cgcntnttng	cnnnaatttn	ntaaccntt	tttaannccg	ccaaattaa	

ccnanttttna cccaacnnnn ccnaatttgg cnattcccnt ntctnacgn ttttccaagg 780
 cttccaannn ggtcggnaag ntctttnga aant 814

<210> 4532
 <211> 782
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(782)
 <223> n = A,T,C or G

<400> 4532
 ngaagnnnnn nnnnnngtn ggctntctaa tntngcnaa nngctggctt actngnnntn 60
 tccncantat cctnctaca cgaatccngc acgagcnatg atgnanacg anatnnactc 120
 tngttgatgt atatatatta ttnacactgg aacagctcac ncnctcancn tcttgccctca 180
 nnacctggat ngatnnccgg ccncatatga gcaacttcat tgcagaantc acctgtaggc 240
 ctgacagcct naaanagtnc cctttattag anagtantnt gncnacttct gatctgtnat 300
 ctttatgtna agcatgtnta ttntgnacan catatacttn gantnctctg ncctacngca 360
 tatttctaag tncctangnn tataaattgg ngtgtccaga ncancnnnt taaatttang 420
 ccngttntat taataattga ncctagatct nntctaacc taaaatnaat cnatgtattn 480
 cctgacctgn tntttattca atctgtttat gggaaagcat catgcancct ttacaaatta 540
 tntnntcacc tctncacngc nagctttctn nntcnnnnaa gtnggggcta tctgantatn 600
 gtccgcatcc cttgacnnnc tagntntccn ttnaattatc nctggataca ctgtggngcc 660
 tagttaaann nccatnccct tcnahgtgga atngnggnaa agcgcctnnn ggggancatg 720
 gantttcaca aagcctcgaa ngtcccacgc ctngacgaat gcaaattccn angnttgttt 780
 nn 782

<210> 4533
 <211> 867
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(867)
 <223> n = A,T,C or G

<400> 4533
 nttttcnngg ttggngnnnn ngngggggtt tctaattgtn ctaatggccg tggctactcg 60
 ttcttnccgc acgcagnncg gngnttcgaa ttcggcacga ggtcctnntn nttttntng 120
 nngctggngg gnaactctnt attnnantgt ccggnagaag gatggngtg ngaacanggt 180
 ggnctctgtg cngctncag ctttcactcc ggnngggntc natgctgtcn nggnccgcac 240
 gnactgcan gnnacannnc ctggcctccc gaggcangca cagcaagtgt gacgggactg 300
 gaagccnttt ncacgacctt gnatgngctg gtcacgtcac agtcantggn tgccactcta 360
 caggctgttg gggatggntn ancaggggna cactgtgcat nactaacagn cacctgngta 420
 tgtntgcnt anatcccggg nctggnnnaa cctcngctg ntcccagca ccacaagact 480
 gccantgtng anttgcntga ntccttntctg cnnnttttcc ancnatgana anctcctccc 540
 tgcggttcnc nggaccngtg naanantccc gaagcccctt ngcatggcnt nggnttggtg 600
 accnncccg cctttanancn ggcntcncc ctanacggct tgntancccc nnttctacna 660
 tccnggctc nttcnncnnt ttcnttcata aaccgcctgc gtccttnacac ngtcggnttn 720
 ctccgggnc ntncctctcn ntggggngnt tccccnccct cctcaaccct ttngncccc 780
 tggattntac ctanngtcc cttnaaatcc tnnccaacg gcccncctnc ccnccgccc 840
 ngnttncnc cgtntnactn acnnccct 867

<210> 4534
 <211> 1038
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1038)
 <223> n = A,T,C or G

<400> 4534
 ncccccttct gtagncnnn ccannngngc tttctaaten nggngngggc ctgganattc 60
 naaanagacn ngccgggcna nttnggggag agngngggng ggggctgnnt tgnnctnnaa 120
 antgnnngta tcagnacntt cnacgcntcn gancccgncn ccatantang ggccnngnan 180
 accctggcca acannngcn ccaccatgnc tnncccncc ttgacattnt nacnaccnnn 240
 ctgaancnnt ccncnctncc ctaccctacc accncgtgct cnanntacan gcttnagnnn 300
 ctncgcctag ncntgcnnc cntntatcnc nanagngact aactcnntt nnaccagnan 360
 nnnacnncnc nactctgcct nccatcggtt ancctannt tactcnacga tacnncntt 420
 accntcatca catcattctc tccctgatnn ntngatnncc caaactacnc gcccnacag 480
 nctgtgcntt ggtnccccna acnnncnccat gncnnnaaa ntcttncnnc cncnngcca 540
 nncaccncc naaccctnac cntatttctt ntctccctnc naanaaacgt taaaccnccc 600
 taaaanatnc cccctatccc cnaaaancnc ntaccacctc nncggcnccc accccnccct 660
 cgnngacana anatctacct tccgncacna caaacccatc ctccantnc ncnacnacn 720
 aatntncaac tttantcna acctnnncn tntantctc ccttccnca nccccctt 780
 tncctttcaa aancctcctt anccnaacn tctccctc ctaactaata tntctctt 840
 gcacantcna cctctaatc atcncaccac tnnncatnca ctcttcaat atacntttc 900
 tcttcnnaaa anttncctn tncncanatt cctntcnnt ctaactctt cntctctctc 960
 cctnnancac ntctctctca nccgtctatn ccacttctnt ntncntact ctctccnca 1020
 nctccaaann ccaccct 1038

<210> 4535
 <211> 932
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(932)
 <223> n = A,T,C or G

<400> 4535
 tccccaaaaa aagaatcatt nggttttggg aaagaatacn nantcagnaa ctnttcnggt 60
 gtgtggtgaa aatgtcaccg tgtgtggnat accctatctc ctggctacaa gacctgattg 120
 aaaangaaca gtgtccttac accagtggaa natgagtgc tcaaagactt tgatgaaang 180
 gantntcang agttgngatg gctgcagaag aagttaaata ttaacatttc cctggaccat 240
 aagagacctt tgattaaagt tttngggaat tancnttaga tgtgatgcag gctanagatg 300
 aaattgaggg cgtatgacaa gagaagatnt gattggccaa aagaaccagg aatcccggnc 360
 cagattcgtn ttantgant ttataggnat ggcancntt atggacnaat aaacacttct 420
 tcatttggtt nttaacnaaa ntgtncnccn ttttgaaact cnttngggat gccanagggg 480
 aggnnaaaacn ntaagncctg tttcccccaa aaccngnant anancggttn gtganaatat 540
 ntataattgg tngtccttg nnttctcttc nngngngngc anaaananat tntttggncn 600
 ntgcgntgtg ngcncccttt cnaaaatctt ttgattngcg gagngngnna nnnctctaa 660
 ntgnntttcc gtccttttga cncngaant ttgtgggnt ttgggggcca ttatnataa 720
 tttttntna gntcggtggg aaaaatagnt cnccttctng nnaaaanata cnttctttna 780
 ggntntnaaa aaccnannnt aagnnngcgg ttanaaannt gtnaannact agagnntnnn 840
 gnatnctnt tgtnntatnt annnnnnngn ttngncnggn tnaaanttn gccnctncnn 900
 attttantnt tatntaatcc ttntnnggan nn 932

<210> 4536
 <211> 836
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(836)

<223> n = A,T,C or G

<400> 4536

atacactgac	cttgcccgct	catctgcgag	atgaccctgc	aggaatacca	ctatgtccag	60
gagaaggctt	ccaagctagc	tgctgcctgg	cttactcctg	gccctctaca	tgaagaagct	120
cggatactgg	gttcctctcc	tgagcatta	cagtggctac	agtatctctg	agcttcaccc	180
cttggtcaga	cagctgaaca	aactgctgac	tttcantctt	tacgatagtc	tcaaggctgt	240
gtattacaag	tattctcacc	cggctctctt	tgaagtcgcc	aaaatncctg	ccttggatat	300
gttgaagctg	gaggagattt	tgaactgtga	ttgtgaggct	cacggcctgg	tactctacan	360
cagccacagg	gctaagcatg	catgttaaca	gggtatattt	attctatggt	cgaatttgct	420
ttttgatcgc	tcanattcat	tttncctttt	nttgcttttc	ccaaactgnn	aatggtataa	480
atatctatgt	ngcttggttt	tatgaaagga	aannaaattg	gcanatttga	ctncaaattt	540
aattanaaaa	ttnatgggtt	attggttaaa	aaaaaaaaaa	aaaaaaaaaa	ctcgancctt	600
tttaaaacta	taaagaggct	gnaatanccg	gggngggcng	gaccatggan	aacaaacatt	660
tncttgaagn	tnccggccaa	accncaacgt	ngnatggcaa	tngnaaaaaa	aannccttnt	720
tttgggaaaa	nttggggang	caaatgcttt	tattgccanc	nttttnaaac	tgccaataaa	780
caagtttacc	ccccncaatn	gctttcantt	tatgttttnn	ggtccngggg	gagggg	836

<210> 4537

<211> 1039

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1039)

<223> n = A,T,C or G

<400> 4537

atggnnnnnn	nnnnnnnttt	ttttggaaaa	aaannncccc	cccttttttt	ncctnaaaaa	60
attgggcctt	tttggggcaa	aaantttngg	ccctncttcn	tnctttgggn	tnntgnnnat	120
ncccccatt	cgggnatttt	nccggaaaat	ttccggggcc	naccgggagg	gggnattagg	180
cccttttana	nagncccaaa	nggtntntta	cccaaagggn	tataattttt	aaagnnatgg	240
gggnaccagg	gtgtntngcc	ccaatttagg	aaagggaaat	ttntctnaa	atnaagttgg	300
gggtntannt	ggccangtgg	ttacctnggg	gcattnggna	aatatnttct	tggaacttg	360
aggntaaaac	tggaanggga	gnagccctna	aacctatagt	aacttcannt	ccccacaagt	420
atactagaat	tngtgcatcc	tcgatttata	ttgcaagngt	ntcaaangtg	tactggnnac	480
acaaatagaa	acactgccaa	cttgggtgtaa	cttaagctnn	catttaacta	aaacattntt	540
ttcttgcaaa	acttatttat	tcatgatcaa	ttttntgggt	atntattata	ctttgattcc	600
taaattagtn	catccttgaa	tctatgaaac	tggtgcagtc	attatgccc	naaatnntct	660
naaaatatat	taatgggtca	ccttnctgnt	caaaggggtg	gtgcaanggn	cttgagcat	720
tnntacatnt	tgtgctttgn	tangaaaatg	taaactctna	ggctccacaa	nttnactttg	780
ctgcattttt	taacaaanaa	tccccaangg	gatattgta	gctcataana	aatttgggac	840
anctgggttc	nantggaaaa	angggntctn	aagggnatgg	cataaacttg	gtggtnccgg	900
tnanggnntt	naaggccttt	tccaacttta	nannnntttc	tgattttgga	antnttccan	960
tnngntntaa	naacctnnnt	tatatatcna	anattagggg	cctttnaaaa	aaanncttat	1020
ttngtctagn	aaacctntc					1039

<210> 4538

<211> 743

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(743)

<223> n = A,T,C or G

<400> 4538

ctnnncctcc	ttgatecntt	cctnctttga	anncatnngc	tacttggtct	ttttgcagga	60
tcccatcgat	tcgaattcgg	cacgaggctg	acctacatca	gaagctgctg	gatgcagnaa	120

agtgaaaaca	gaccaaaca	acacngggcg	aatcttnaca	ccattntggg	tgccnnaatnt	180
nnccnnngat	atttgcttgc	tnagctctac	tcctccaaga	nannangnnt	caaacnctnc	240
agcangntag	agcaantnaa	gaccgcntnt	nctnacctnc	tnaagannct	ctgngaggan	300
cgcaatcctt	tngtggaana	tagaatcaac	agaccacact	gcncctctgga	ccatgngctc	360
tcaaangngc	tagaaggtgc	tgaccttttn	agactcttgc	agaagaggcg	angtggtgng	420
anaccctnna	ggaanacttt	cccgaactag	accncnctt	ncngaacnng	ntcaactggt	480
gggngngaaa	ncntgtgann	tgtngncctt	cngagagacg	gcatattcta	tgatggcnga	540
cttnatnctt	ctgcggaacc	anactngacn	tactgaaaga	aanctganac	caagcgtctt	600
ccttaaggac	ccttatatcc	agacnatcct	ttggataata	ccnctnggcc	aaaacctnnt	660
aactntgcat	acaatcngga	tggcaacatt	tgaactggng	gccttnanna	ccnttaccgg	720
cttttcncat	tatgnaagag	ntn				743

<210> 4539
 <211> 849
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(849)
 <223> n = A,T,C or G

<400> 4539						60
cccncatttg	ccnnnacat	ggggnttttc	caccccgntc	acgtggtggn	cgcccanncg	120
nacnagcang	agcctacnan	tcggaacata	tcgcctttat	ngtctttaac	anaganntnn	180
ntnnntagnt	cnattcantt	atnaccacgc	agatccttaa	tnnaggcccn	tatatnctt	240
acctnattag	aactntnnnc	aaanntcaac	tgnttnacct	taatgnntng	nagcacntnt	300
nacagnngna	cttaaaactn	tanaatntcn	tnagnnncng	ttattctcca	ctgaaggnc	360
ntccactgt	caccatttca	ngcatcatca	ctatgattct	ttcancanga	ctntggcncg	420
gnttgncact	gatctntnnc	cnaatggcna	acnagctgna	tnntcnnttg	gnctcnctta	480
taggaacnan	caacactagc	ctactgnatc	atgatntccg	anaactgaac	catgaacact	540
gccatctnnc	catgntacct	gcataaagaa	nttcaantca	ctctgaaaca	tannatgact	600
gacntgganc	tnactaattn	ctgagaactg	nnnntcaaan	naccactta	atngggntca	660
ncatnttggn	acncttgnaa	tntaanntna	nnnaaagacc	nnnnttgant	ngcccncatt	720
ttannttngn	ccataataan	ngngccacnn	nnctnaannt	cttcaancan	gnaaaagntt	780
ngcaacttnt	tacnacctct	ncttccccnc	tnnatctaan	atncnnnata	taccacttan	840
cccagaatan	ctacncccaa	nccanncant	caccncccca	cnattttatc	tcacanttcc	849
ncantccct						

<210> 4540
 <211> 777
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(777)
 <223> n = A,T,C or G

<400> 4540						60
gnnnnnncnn	cnnttgggng	nttggtgggg	nttttnaatg	ttgcnaaaan	gcctgggtac	120
tcgttctttc	cgcaanancc	ntcggttcga	attcggcacg	agggagacca	tgcaaagcct	180
gaacgaccgc	ctggcctctt	acctggacag	agtgaggagc	ctggagaccg	agaaccggag	240
gctggagagc	aaaatccggg	agcacttgga	gaagaaggga	ccccagggtca	gagactggag	300
ccattacttc	aagatcatcg	aggacctgag	ggctcagatc	ttcgcaaata	ctgtggacaa	360
tgcccgcatc	gttctgcaga	ttgacaatgc	ccgtcttgct	gctgatgact	ttagagtcaa	420
gtatgagaca	nagctggcca	tgcgccagtc	tgtggagaac	gacatccatg	ggctccgcaa	480
ggtcattgat	gacaccaata	tcacacgact	gcagctggag	acagagatcg	aggctctcaa	540
ggaggagctg	ctcttcatga	agaagaacca	cgaagaggaa	gtnaaaggcc	tacaagccca	600
gattgccagc	tctgggttga	ccgtggaggt	agatgcccc	aaatctcagg	acctnccaag	660
atcatggcng	acatccnggc	ccaatatgac	gagctggctc	ngaagaaccg	anaggagcta	

gacaagtact ggtctcagca gatttgagga gagcaccacc agtggttacc acacagtctg	720
ctgaggggttg gagctgctga gacacgcttc acagagcttg ngacgtncag tccaatc	777

<210> 4541
 <211> 890
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(890)
 <223> n = A,T,C or G

<400> 4541	
anttttanct tgacccttc aannangatg aacataaagc tcttacgttc ttgaaaggat	60
naaacacaag aataagatgg ggtncagtg accagtcct ctacctggg tcatggagga	120
ccgaagaccc tccaaccttg atgcctgtaa ggacaggcgc tncgttaagg gatcagggtg	180
aaagaatctg gccatagctc ctgtacaaag cctctttgtc tgaagtactt ggggtgctct	240
tgacggcaag agggaaacaca acctgtccgt ggctgcttg acctcaccac gggggctcaa	300
gtggacataa catctatttg acaggccctg gcantacca ntggggtgtg tgtggcagtn	360
gctgtggggt gtgagaatga ctgccaacag gcacttctca acaaagacc tngctgtttn	420
acattggccc tgaaccagg angaaagnag agggaccaat tggaagcctt tgttnccanc	480
atctccttct taaaaaagg gaganacaat tttaaaggca cngttgttat ggaatttggg	540
aattaaaagc aggaggcttc aaagggtggg tttcttgann tnaaaggaa acaancccg	600
ngggggcttt tgnngggttc naccannag nccttccctt ggggcangan ancacncaat	660
ttngtnnctt nattgccatc nnatttattt gcccctttt ttnantant tggttnccca	720
agaaattaaa tnnntggtn tattaatttc atttgttng cttnttttt tggttcggga	780
aagntntttg cntananacc cccccaaaa gaataattga attgggggtg ccccttgcan	840
cctatttgat ttnttttaan gccctgtnaa aaangncttc cccanccnt	890

<210> 4542
 <211> 770
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(770)
 <223> n = A,T,C or G

<400> 4542	
nggntccnt tttngaaagg nctctctttn aagacccttg ctacttgntc ttttngcagg	60
nateccatcg antcgaattc ggnncgaggn tggccaggan ggtctnaatc ctgancctca	120
ngagngngng gantgagtn nagaanngcc tgtcgngagg agatttgggt agaagccctc	180
atgctgagct ttgtgtccct ggtgatgttg gaacattaat gatggaacat ggccaaactt	240
cagtcagat cctgaaacca tggcttcagg atcatgactg acgtcatggt ttcttccctg	300
ccagaaatga aggttcagtt atgaggcaac cctctagtaa ggcattgtaa aagttactgg	360
atttggttta ataaaagttg aaataaagtn anataanatn aaanaaaaaa ctngagcctn	420
tanaactata gngagtcnta ttacntacta tccagacatg ataagataca ttgatgagtt	480
ttggacaaac cacaactaga aatgcagtga aaaaaangct ttatttgtga aatattgtga	540
tgctatttgc ctttatttgc acncattntt aagctgccat anacaagtta tncaaccacc	600
nanttgcntt catttttatg ttttcatngt ncatgngnga ggntttgggt aggtttttta	660
atttcnngc cntnngctcc cantngnatt ngggccccgg ntcccnanct tttngttccc	720
tttacttgng ggggtaaatg ccncccttg gngnnannna tggnnctacc	770

<210> 4543
 <211> 861
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(861)
 <223> n = A,T,C or G

```

<400> 4543
tngntntnnn naaagnngnt ctntctctana gntgannttg ntgntgaacc cactntcccc 60
cannaancnn gcgngncgaa ttcggcacga gcctantacr gtagncttgg agcatcacga 120
tttttttnna ngcntgcac agtatactgg aggacctnct ngcncctgcng gacanagacg 180
tccnacagaa tnnngaaaac ngtgctcagg actanannct gaccaacacn cgtgcacana 240
agcaaggaan tagggcngga nancnantnc ngnggcntnc agctctgncn cgcannatnn 300
gntanctnnt gacttanctg ganancaatg aaggnnctna accaaagtnc ccangggggac 360
atnganaaat agcacnangg gccttgatn ggacnntacn cnntncnaa cntggntnctg 420
gggntggnac cntgggaaag gagccttctg catnnncnnn cgccntaccc atgancncn 480
ctntaccang gctntgcccc ctgagccaan cncgctgggt ntgctgcnaa ngnaanaanc 540
nanmtctnca gatatggacn taacctngca aatntanaa ncttgccaat ttcnattttg 600
ccangatccg ncnannccac aatnctcct nnaanagaat cncacacncc cncnagaac 660
ctcngnaaaa cattnnggnc nccnctnng nagctacaat tnnctctcan cctagganca 720
cncnctcgct atgcncnnn cttaccaanc ctantcnnt cgnancttac cennntttac 780
ccntnnggca tttccccnn accnttgnat ttnannnatt tcccttcnng ganatgcaat 840
tctcntgngc acccaacaac c 861

```

<210> 4544
 <211> 813
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(813)
 <223> n = A,T,C or G

```

<400> 4544
tgtgngtgct taagcagatt gctatgatgc atgtccataa aacagntttc tttctgttct 60
attgtggagt ttttctgggg ctggaaaaca tctttttgtt atttccaaac actgtctata 120
attaccagac atgatataaa cacataaggt gccaaactga atttactcta gaggggactt 180
tccctctcag acttccagtc aactcacact tgtgcaacaa agtgcacgct gtccccataa 240
tatgcaagca gaactgtgtt tctgcctatt tggatcttat agtccctctac agtcacttct 300
agagagacta aaccaaattt ctaccaactt cacagggcaa caatcaatag ttttatctca 360
atgactcttg tatcttcaga ccttaactg attcagagac catggggccc acaaacctaa 420
tcaagagtaa cgttttcatt gagtacacat ttcagacatg agaatcttca ctttcccctt 480
ttttctcttg gtaaaatgtt cacaaaatgt gcaggtaaca cctgctgggt actncagcca 540
ttcgggcccc taaatctgca gctcttcatt ttggatctag gtcttgagaa tttgggaaat 600
agaaaaattt ttatctaaaa atgcaagtct tttgggttat caaactcaga cattgaaaag 660
aaaagngcag ttacgccttt ctntcnnttg aaanatgnat tcatctnttg gaactgggtc 720
acttttggcc ncaagttgat gtntatataa ctggatatcc cacattggac actggatctt 780
atccctaaac cataatgana tatgtccaat cnt 813

```

<210> 4545
 <211> 960
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(960)
 <223> n = A,T,C or G

```

<400> 4545
tgggttttca gngccccctt tnanacgggn gcggcctttc gcctnnncgn aanagcccgn 60
gcgattcgna gacngcnnga naagtgnenn angtnncttn ntnatgggtga ggactttatg 120
nanctgangan cantncnngn cntgantatt ntcnnnnnt ggnaagatng cacgtgtntt 180

```

ancctgatgc	cagntggngn	tatcccntnc	ncnnnttntt	nnttcacggn	gaacnnnata	240
natngannag	aatgggnatca	gagaaggata	ctcactntgc	tctcacngat	tagcggcgat	300
tngcntgac	ncngctgnca	tgnaaccnt	atctctgngn	ttcangcgac	tgannngtga	360
ncaccncccn	nctagntggn	acnnatnnc	ctcctnngac	tntccngcaa	cntnttntnn	420
ctntnagngn	gtnnncngnn	ttncaccggn	nnnnccncnn	ttngnnncna	tncttttnac	480
cccnnntggc	nccacannan	ctncctttgc	cataaannct	ttntntnacc	atgannngna	540
ttncncnctt	ttngnctnna	tcncntntna	attcaatnnc	tanncnntta	tcnncnctt	600
tttctntgnt	ccnttttnt	gngnantngn	ctgggaant	ttggtntccn	cctanntnga	660
antcngcctt	aanatccttt	gggtggacnt	tgggcangnt	tcttctnngg	gaatcccttt	720
ttnatggaat	tggccttnaa	ggccnnttgg	tcttcttgg	caacctnngg	ggtnggcct	780
aaaatgggcc	cctnaanttn	tttanaatnc	nnnnnnant	actnttttcn	ncctccaacc	840
nntttaccgc	ggtgggctct	taacccccag	gntgggaatt	tcaaaatttt	taaggnttcc	900
ccatttnttg	gaaaacctta	ntttnngggac	ccccatttn	gggctnccna	ttttnngaat	960

<210> 4546
 <211> 816
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(816)
 <223> n = A,T,C or G

<400> 4546						60
tnttnttggga	aaagggcagt	gtctctaaac	ccaggcaaac	ggtaaagtgt	gggcatanca	120
agagggcccg	gtagtggeca	cttncccatc	atgctcgntt	ctcattttgt	gttttttagt	180
agaaaaacac	aggggtgtct	tttgcccaga	cattaatctt	tagaatgcct	gtnttttcta	240
atgttgggat	ttctttcaca	accaccacc	ttaatatctt	cattgngact	caganaatca	300
gacttcattc	gattctntag	agaactataa	atactgttgt	cagtagaagt	gaantcttgc	360
ttatgtaatc	ctaattcaga	atgtgttctc	agaagaggta	ggcnnggacc	anantgggc	420
nagaccacag	gcagaggcca	aatccncccc	cctgccgnta	gnagctaata	tnagttttac	480
acccacttgt	tcatgtatct	tccttggtta	cttgtgggca	gcaatgccag	agtcaagtca	540
tcataacaga	nacagaatgg	cctggaagct	ggatttacta	tttcaacttt	tacattaaaa	600
cttgatgacc	cctgtgctag	acaggcagct	catttctgcn	ggtaaaatta	tatttcatct	660
tccaactttt	catttccaaa	atttgaacct	atattactgg	aggcccttta	cnnaagntaa	720
anttttcatt	nttcttttgg	ggggaaannc	tncagaaaaa	nccctnngcc	cntttaaaaa	780
cttnnatgng	ggtnnnttac	ccntgtccca	cntcgggaag	tcctnngggg	nttngggcaa	816
anccccacna	nnngtgcccn	gaaaaaatgc	tttttt			

<210> 4547
 <211> 785
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(785)
 <223> n = A,T,C or G

<400> 4547						60
taggagtctg	aaggcctcgc	tgctttctgt	gatggctttg	cagtaagtgc	cgctggcct	120
gcatgcattg	gctaacaggc	tgcagaatgg	cacngaagga	ctcgtcgag	attgtcatgg	180
ccagagatca	taggtcactt	naggtagcaa	gaccctgnc	aaactgggca	cttggcctat	240
gtactgattt	gtgggatgg	ggcaggggtg	tggggctcct	caccctgcct	gaattctctt	300
tggcttctgt	gctctgtatg	ctgctgtccc	caagggtcct	ttcttattat	ggcagngagt	360
ggggatttgt	cctactttct	ttctctggaa	anggaaagcc	tccaagactc	catgtgcttg	420
ggcagcttga	gaaggcgttc	ancaccacgc	ctagcaggca	gaccttgaag	cctcaccttt	480
antntatctg	caagaggtat	tcanttcctg	gcacaaggga	ctaggggcat	gtanagtata	540
tgacgaggca	atatggctgt	gcnggacctt	catttaactt	caattaatag	ggaaaaatta	600
ttatactcta	tagatcctga	aagggttcta	agattaaaaa	catccttatt	aaaatcttct	

aaanaantct	ggaaagaaac	acctaatacta	naaaaggctt	gttnaaaaan	ccacagngat	660
gggttnttaa	gaagcaaacn	ccncagcatt	tccatttaag	taaaaactaa	ccaaggcagc	720
ttttatttaa	gaagngtccg	gccttctaac	cctgcacaag	ccnatgagga	catatggaaa	780
atddd						785

<210> 4548
 <211> 734
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(734)
 <223> n = A,T,C or G

<400> 4548						60
gncagctct	tggtcttana	gncaggctac	ttgttctttt	tgcaggatcc	catcgattcg	120
aattcggccc	nagctgtgng	ggacacattc	nnactgcggc	aggacntgtn	tgctgnctna	180
tcacnttgac	ttgtaatagc	attaatnntc	aagcgattga	tntatnataa	nngncattct	240
agcatngtnc	atggcngann	ncntcctggn	anatgntaac	ggtcttgca	nctgatncct	300
ctatctgnac	tgggtctctg	gcangggcct	gatgnatngt	anatactcgn	tangtactnn	360
ttngtntnc	nggggntctn	tcatgnningn	natnnnagca	cccangaggn	actacactnn	420
caagaaaaaa	tggtngnctn	ntacngagct	gtnaagaacn	ntggaacntg	ctatcctgan	480
gccnctnaac	ttcatcatgg	gatgcctanc	ttgtatnnat	gttncnttnt	gnntaaccct	540
atgatctgan	tntggacact	aagancnntg	tcatnggctg	aggnggctnt	gaagngnact	600
cntaattatg	acnctgggat	ntaaacggtg	ctcacattgt	cttgnanggn	antttttcaa	660
aaanggattt	ncgccttttg	gncccntggg	aattttaatag	gcaanaagtt	ttggccntaa	720
ttgccanang	anganancct	ggantgctaa	ngaacggcnc	tnttgccctn	nggatggnc	784
cctaacttna	aggg					

<210> 4549
 <211> 621
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(621)
 <223> n = A,T,C or G

<400> 4549						60
tgnggggcn	ganacccgnt	ngggctgcaa	gggcccggctt	gaccnaccgn	atnccggggc	120
ananatgcct	gtcnagnncn	caaaggaagg	ttgtnnccgt	ttacgcctat	tggtggaaaa	180
aancccttn	tngaaggctc	atcctcaaan	ngcnmntngc	gttcncccg	ctggccggtt	240
atnccacnct	ggnaagagg	ganttnattn	naccgcctct	tttttanaag	annnnaaagg	300
ttcngcatnn	tggggcnnnn	gnncacactg	gctttgaana	gcnanagctg	agtgcacatc	360
accagatnc	aaaatggtna	catgtcaact	gtggccgaaa	acngggccgc	actgncccat	420
ccgctcttcn	ggagnttgtn	ggccctttat	ncgcacnaaa	ttgcagcctg	ccggatactg	480
tattcacaca	ggctntgagg	ggggagggat	tgtnntcaga	atgcattaag	cgcnttnaat	540
agcctgcntc	ngttgctttg	tcaantggtc	ttnacatgaa	tgcccgtccc	ctgaatatcn	600
ngtaatcatc	tatcnacct	gggatcgcaa	nncgttaaaa	canaagggca	agtgcaggng	621
gtcgtactgn	gnaagagctc	c				

<210> 4550
 <211> 971
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(971)

<223> n = A,T,C or G

<400> 4550

nccncttntn	tntagggngn	tngtgggggt	tttcnaatnt	nngctaagtc	tgggctcntg	60
nnctttntgc	aggtatccca	tcgattcgag	ngatgcactg	ngantacacg	cnctaaaaat	120
cgagtcctg	gccanaagac	gttatggnga	ttgtgaggga	ctgggggnnt	tggtcctntt	180
tnaggggctg	tnnggactca	aatcggtgnc	tggtttcaca	catatgtgtt	ggtttgtggt	240
ncaacttctt	tatctganaa	cncagtgat	aaancattga	tgntactgac	caatctaaac	300
taccatcttg	anagagtngc	anctgaaant	gatgcgatag	gcgtgncaag	tatctgatna	360
cttctttnan	gcatacgna	naantgtatg	ccngttacnc	ttgnangata	cctntgctnt	420
nacaggntca	gtatntatca	gtnnngnacac	aaacacatga	acacattcng	atanggctta	480
tttcacacag	ttgaagttga	tgatcntccc	ctggagtgtc	ctgntanata	tgncncngcc	540
tntangggna	aaanaacccc	acactgcttc	tntgaccacc	ccnagcntnt	ntnncnntan	600
taatatttcn	tncannngng	naacgtnnnc	naccgcctnn	aatncctnnc	cntcgnaggn	660
naaaanccca	nttnaananc	gncattnnnt	tgactcctcc	ctcnnnnact	caactnaccn	720
acactgggcn	caannccctn	gnnncacaac	cnctttntnt	tntctcacng	ggaatcggca	780
atnctgcact	ttcttatccc	tggncttaaa	aaanattana	tctccggngt	ctatcnnttg	840
taagntcacn	antcntcctc	mntancaaan	cnanacnnnc	annttttnnc	aaatccttcn	900
tnncnccnca	nnncnnggng	cacantntnn	cngtgncnna	actcntnggg	gcnnatntnt	960
cncnccnctn	t					971

<210> 4551

<211> 791

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(791)

<223> n = A,T,C or G

<400> 4551

tttgaaaacc	cnttttnttt	naatcctttt	ctttcaaatg	gttctngttc	tttttgagg	60
atcccatcga	ttcgccaatg	gatgcaggna	aaactgagat	gggatttccc	cacgttgccc	120
aggctgggtc	cctgagctca	aagcaatcca	gattgctggg	attacagctg	tgagccaccg	180
tgcttggctg	agatgacttt	taaaaaaaga	cttctctaaa	gtagaaggaa	gggtggaatt	240
gtatgcacaa	gaagaaaaaa	acctggaaga	aaaacatact	aaagaggctg	gagtgcattg	300
gcgcgatctt	ggctcaccgc	aacctccgcc	tcccgggttc	aagtgattct	cctgcctcag	360
cctcccaggt	agctgggatt	acaagcatgg	gccaccacnc	ctggctaatt	ttgtattttt	420
agtagagacg	gagtttctcc	atgttggtca	ggctgggtctc	gaactaccga	cctcaggtga	480
tccacccacc	tcggcctccc	acagtgtctg	gattacaagc	atgagccacc	gcgcccggcc	540
tnectgttcc	agttttctat	aatctgttca	tattatattc	tgggtatatg	tgggtggtgt	600
gattatccat	gtggtcttat	tttcacattc	tttgcatata	ctataatgtc	ttaatgnttt	660
aagataaagt	ttcattctac	aaagatgtat	tgtaccaata	acctgggtat	tcagggttacc	720
aatcttaaaa	aaaacttant	tcattttnaa	aattaaacnt	taaaatttnc	caattccatt	780
tnaacattaa	n					791

<210> 4552

<211> 761

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(761)

<223> n = A,T,C or G

<400> 4552

tcnttcagtt	atcggttcag	ctccttgntc	tttttgagg	atccctcgat	tcgctcagct	60
cttccggagg	ctgaggcagg	agaatcgctt	gaacccagga	ggcagagggt	gcagtgcgcc	120
gaggttgcgc	cactgcactc	cagcctgggt	gaccgagtaa	gactgtctca	aaaaaaaaa	180

aaaaagaaaa	gaaattgtcc	tttggttgcc	ttagttccag	agttgaatga	atgtacacat	240
tcngtagtgg	ggggggcaga	ccggataccc	cttccttgtc	tggttccttt	gaaaaaggac	300
ctccaccttt	caaaggtact	taaagccatc	ttttacagat	tgcttgtaat	gtaagggaaa	360
agaagtcatt	gtnccttggg	attggattgg	agggnaaaat	catcaaccac	tagccccctt	420
ttcaaaatca	gcgaagatat	ttngatgatt	aagtgattca	ttgggtatgt	tctggctact	480
gatgttactg	aaatctgcaa	tcngtatgn	tttttaatta	gttgcttttg	tatttgaatt	540
tatgacattt	cgaagtttct	gncttaact	ctttttaatt	aattttctgc	acgtngcttt	600
tttctctttg	gttttaattc	catacagagt	attcaattct	tgaaaacaca	ttaaaaataa	660
tttgcttgca	aaaaaaaaaa	aaaaaaaaaa	ctcgaaacct	tanaactata	gtgagtcgtn	720
ttaccgtana	tcccagaccn	tngtaaaatt	aaaaaaaaaa	t		761

<210> 4553
 <211> 1281
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1281)
 <223> n = A,T,C or G

<400> 4553						
atthttttaa	ntttnggggn	naaaaatttt	ttcttttttt	tgggtccnaa	anattctttc	60
cgggccattg	gcccccttgg	gcccnaaggg	nttnccggga	aaccttcctt	tnaggnnnng	120
ggggaaatcc	ccccccgggg	ggnggtttaa	ccccnggaaa	ggccctncgg	gnaaaaattt	180
tccgaccccc	nttaatnaag	nttntttttt	ttcnnttttn	tttaacaaaa	ttttccnact	240
tggggncceg	gttccggttt	ttttaaacna	aaacggnctc	ggngggaact	tgggggaaaa	300
aaacccctn	ggnggttta	ccccaaactt	taaaatnggn	ccttnggcaa	gcaacaattc	360
cccttttcng	ccagcttggg	cggtaaaaaa	cgaaaaaggc	ccgnanccga	atcgcccttc	420
caaacagtgg	ccaancctng	aatgggaaan	ggnccccccc	tgtaccngna	ccataanccg	480
ncgggggtgg	tgggggtaac	cccccaaccg	gaacngttaa	nntggcaagc	ggccctangg	540
cccgttcctt	tcngtttctt	tccttccttt	tttcggcaac	gntanccggc	ntttccccnt	600
caagnattta	aatcgggggc	tcctntttang	ggttcnga	taagtggctt	taacnggcaa	660
cctcgaaccc	caaaaaactt	ggattttang	gnngaattgg	gttcaacggt	aantgggggc	720
caatcggncc	cttggaaata	gaacgggggt	tttttnggcc	ccttttggaa	ccggnntngg	780
gaaagtnccc	aacgggtaac	ctttttaaaa	taaagtnggg	gaaccttcct	ttgggttttc	840
ccaaaaacct	tgggnaaacc	naaaccaacn	tttnaaancc	cccttaatcn	tttggggggg	900
ccttaatttc	nttttttggg	naaatttttn	aaatnaaaaa	gggggggaaa	atthtttttg	960
gnccccgnaa	aatttttccn	gggggnccct	naaatttggg	gggggtttta	aaaaaaaaaa	1020
aaatgggnaa	agnccttggg	aaantttttt	aaaaaccnaa	aaaaaaaaaa	attnttgaaa	1080
aaccggcccc	ggaaaaantt	ttttttnaaa	aacccccaaa	aaaaaattng	gtttttnaaa	1140
acccgggccc	tttttaaaac	naaaattttt	tttccccctn	gggaaaangn	cccngggggg	1200
aaaaattttt	tttttnnatt	tcnccccntt	ttttnaaaaa	aaaaaaaagg	gggggggnccc	1260
ccccanaaaa	aaantttttt	t				1281

<210> 4554
 <211> 916
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(916)
 <223> n = A,T,C or G

<400> 4554						
tttgaaanca	tcantctctng	ttctttntgc	aggatcccat	cgatttcgcag	aaagggaana	60
tatgaagtgc	gtgctggggg	ttgctatcgt	atccacaggc	atcacggcag	tgctgctcgc	120
cttgattttt	gttctcagaa	agagaataaa	attgacagtt	ganctttnc	aatacacaat	180
aaagccatca	gcagggtccc	ctnnctgctg	taccaccccn	gngaaaattn	gccaccctaa	240
ttttnttctg	gntcccttgg	nnggntgn	gctgaccctg	ggaaactgaag	ganctgccca	300

tnttatgnan	ggcgnccaag	tggaatata	acccctttnc	ggcattcg	ccatgtggc	360
gtaccnttaa	tttggcctca	atctggacta	ngaaattat	ccttggcgng	ccaacaaat	420
gactataact	tggggcagtn	ggtnccttgg	tcntttcaac	canaagttaa	aaattaatcc	480
tccggaatca	atcccatcct	tttccgggct	ctcttccaat	tcttntttct	ttntaaccat	540
caaaagggaa	ccatttgtgg	aaaangggnc	aatttttnaa	ncctcttggg	gggggagggg	600
tttccgaaga	aatcaattgg	gcaatgggta	ccattgccna	aaaacgccan	cttggnaaaa	660
gnaaacaag	caattggntg	gccantttgn	tccccaangg	taacccttgg	ttttcccgga	720
atggcctggc	cttaccttgg	nttgggattt	cttnggggng	gtcccttggg	aaccaaaaaa	780
aaaccctng	ggnttcccaa	ttnttttnaa	accccccgna	aattggcccn	ttntttaccc	840
tttaccaaaa	cctngggggt	tttttttnaa	aatggggggg	gggggaaaaa	cccccccaa	900
aaagggggna	aaaant					916

<210> 4555
 <211> 791
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(791)
 <223> n = A,T,C or G

<400> 4555						
ngtctccct	ttntttgaca	tcnnttggt	ctcgtctttt	ttgcaggatc	ccatcgattc	60
gaattcgga	cgagacctga	gctagggttg	cagcagaaat	tgagttgcag	cttggcccttg	120
tccagacct	ttttctgctt	gcgtttttga	aacaggagggt	gcacgtacca	cccaattatc	180
tatggcagca	tgcatgtata	ggccgaacta	ttatcagctc	tgatgtttca	gagagaagac	240
ctcagaaaac	gaaagaaaac	caccacccctc	ctattgtgtc	tgaagtttca	cgtgtgttta	300
tgaaatctaa	tggaatgg	atcacacgat	ttctttaagg	gaattaaaaa	aaataaaaaga	360
attacggctt	ttacagcaac	aatacgatta	tcttatagga	aaaaaaaaat	cattgttaaag	420
tatcaagaca	atacgagtaa	atgaaaaggc	tgtaaaagta	gatgacatca	tgtgttagcc	480
tgttccta	cccctagaat	tgtaatgtgt	gggatataaa	ttanttttta	ttattctctt	540
aaaaatcaaa	gatgatctct	atcactttgc	cacctgtttg	atgtgcantg	gaaactgggt	600
aagccagttg	ttcatacttc	gtttacaaat	tattaagata	ncttntttan	ggatanTTTT	660
ggtaccatat	ttgtgaaaat	tttttgnaaa	atgccttgnt	aatgnggntt	tttnaccn	720
cnaagttatt	ttgtttgcaa	aacttnaatg	gnccattttc	cctttaanaa	tnggtttnc	780
ccntattttt	t					791

<210> 4556
 <211> 779
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(779)
 <223> n = A,T,C or G

<400> 4556						
ttntcnaac	cttcaactcc	cgtgctnatg	caagatccca	tccnattcga	annnggcacg	60
aganacnctt	aantatacgc	tacggtntgt	gtgtgggtgct	nnatacnac	catgttactt	120
aatcncttgg	gtaccnnttn	cnttttgntg	gatccaaant	gnaaaccgat	gtntgntacc	180
ngnccnntatg	gtnttaaac	tttttaaaant	gananaacatt	ggatcttaaa	accctaagct	240
attgcacanc	ngcattttcac	nnccgacgaa	gcccgggtatc	ccctanacgn	tggggcactt	300
tcntaaat	gaagntgnca	atnntatgcc	ggnttcnaga	tataangtgc	acncccaaaa	360
acgctttcng	ncttgtaaac	tcaacngcat	agttangcnn	gnncntgncc	gnccacatg	420
gtgaaacatt	ttnccttnacc	aagantaat	gnccanggtg	cntnttaggn	acacttactt	480
tctccggnac	atccaattaa	cgntattttgc	ccgntgctgt	gcctgggnag	tttttatttt	540
atttattttg	ggttgnaaaa	gcagnancag	aggagactca	atctngtttg	aaaccnacgn	600
agtgctncca	ttgatacgta	natnaatnaa	ccgcnnggng	gnntttttct	ttttttgggn	660
cctggaaaat	gctgatnccc	tttgacaana	aaggnaananc	ccccctagcc	nactaanngt	720

cnccccattn tttnngggaaa naagggggat aaanaacttc cccccnngg nggggagct

779

<210> 4557
<211> 1259
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1259)
<223> n = A,T,C or G

<400> 4557
tttgaaagc ccccttgcca ggggtgcacca nctgntgnac acccgaaggc nentcccagt 60
ttgggttann ggacncgcng gnggggcngn aagggggaga gcnaaacggg gganagngt 120
ttntttgngn ggcaggagca gggaanaggg gggggggggn atnangngcg gncnaaccgg 180
ggaggaggng gggggnngca ggncgnacga cngacganag ngggcnanna gnnnnggccn 240
gcagnnagg gangnggatn agnggncgg ncgtgnnng gagnggacgc gngcngantg 300
gacgatggag gccnagncc agaggcngnn gnnagnnagg gggnatgang cgcgacgann 360
gagcacnggn gcnnaggcng cngngccgna ngngcgggga gaagcggngn gagacnnag 420
gcggnnccan gngannngng gaaacagnng nngnngagn gcgggnancg gatgnnncgg 480
nnggannggg nanggggnca ggcgnnnagn nnagcgagg ngngngagn gnaggaggga 540
nnaagcgcgg ngggncagg acngggacga ngatntagn ngggggagga ggganncgcg 600
nnacggnnac gngtncgagn aaaangacga gggntngngc ngtnnggagc ggcgaggngc 660
naataggaga anggnntaa ggngngcaga cncnanngn naggnnanga cnaancagn 720
nngtgnatg gcagangngc gncangnggg ncgggggcan cagagacgcg atgagnggn 780
anagancgn gacaggggg ggangcaaac gcggngagc annccagncg ngnggggggn 840
antngngnnc nggtnaggag ngannang nngcatgagn ataggnnnga ganangngang 900
nnngggggaa agggaccnta acnnngngnn gngcngngcn acngggcngn ggggganccc 960
anggnnncnn ggagncaagg nngnncngna ncngggggng cnagntnggg ngggngtngn 1020
nngcgatnag ggnncggccc ggngncggnn gcngnatcng aacggacagg cgcngnanna 1080
ggngggcgcn agangngntg gagngncacn gcggngggna ncngngngnc angatggcga 1140
ggggacgggt cgcggngctg acgganagag gcngcnacgn nngaggcgtg aaagaantgn 1200
nggncngggg acnncnanga gcaanggcag gagggcncgg cngcggngng cngngggcg 1259

<210> 4558
<211> 807
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(807)
<223> n = A,T,C or G

<400> 4558
gatntaannt tcacctntg actntntgca ggatcccatc gattcgaatt cggcacgagg 60
aaagagatct gacctaaacca actttntctt gccttaactt ccaaactgcc cttagtcatt 120
gatggggcat gggccaacnn cnatngggan anatcttnt tcntcntgna atnatactcc 180
cctttccaaa actaaatgtc cttgangnna taacggaang cctcccatng ggtgnacaac 240
cggngcggna antgggctcn cnetgtggca tagcanaang ntccccggnc gtngtggtn 300
acgntcnann tatccgcnan actcgccatt gcntagcgn cncnacttt ctttttatnn 360
nctaacattn tccttncggg aangcggttt tnccggcntt aagctnttaa ggatggangg 420
ggttnggttt ccgnnctnna cnetataaaa ctctnttaac tncaacacng tncnccgtng 480
ggacccccct ccantaaagn ggggactgnt tcacagnan ggaccnttt ttnncnncn 540
ncctaantga ttttncccc accttaatac agtttaggaac cccttttcct tattccatac 600
aagaactttt ttttaaaaaa acttggganc ctcttatcta cgccttgggn ggtcacatc 660
ttgtnaatcc ccaacatttn ggggaggcta nngncgggaa atatncccta agcttcaaga 720
gttcaagacc agcctgggga aacacttga aaccgcttct ntcnctttac aatttctga 780
tgccgggatt tttcttttng cccttct 807

<210> 4559
 <211> 1070
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1070)
 <223> n = A,T,C or G

```

<400> 4559
tatctatcnt cnncatacaa gctacttgca ngatccctcn attcgttgaa actgaaagcc      60
aacttgaaaa tggaggtatg gcttataatt cagctgtgct gaactgtaag tgattaaata      120
ctgtttcatc acatatacac atatataac ttatgtgggt atataggtcc tgggtctcatt      180
gacttaagga ttttaagtgg tggattggc catatnctgt gggggggaaa gctnagaacc      240
tcaatannct taatnaaata ggtggctatc atcngttcat ttaactcaag cccagaaaca      300
ccaaagaagt caccctcaat ttcttccgc anccccacaa tttnaatcta atcggccatt      360
ttctttaaca nggttcccat ttttcccaa aaatatnaac caatggaggt cccatcctaa      420
tttntctgggn ttcttaacaa gtccantcaa ccccntaagg cnttaagnc cacttacct      480
ttcaagttag gcccctcttn cccaatttaa gggcctttaa gtttcaactt tcccaagccc      540
cccttccctt tccnaagtng gttggnantt cnacnaccaa gatncccttg gccaaagggg      600
aaggttccaa ttttanga aaaccaatta naccttttaa gggccccctt ggggtccaaat      660
ttggccttct tggcntttna aaaaaattt ttgggtgggg gngggggcnt tttcccccaa      720
ttccaattgg ccttttaang aaaaatnaaa aaaaatccct nggccttttt tcnntanttt      780
atTTTTTaaa aaanccaat tgggggcttt ttgggggng ggcctttttt aaccaaccaa      840
aantTTTTaa agttcccttc cccatttaat tcccctcntt ttttcnttaa gcccctgggn      900
attccttgga aaaggggcca cccatttcc ccaaaggttt tttantngtn ggaacaaaaa      960
aaaccaagcc aggtnggaaa accattgggg gggggggttt anttgnaaaa cnccttacc     1020
cgggaggggg aaaaancccc aaaaaccccc cccntttttt tttngggccc     1070
  
```

<210> 4560
 <211> 1321
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1321)
 <223> n = A,T,C or G

```

<400> 4560
acgnaccttc ancttccgnc ttttgcagga tccctcgatt cgaattcggc acgagctaatt      60
gcactgcaca gcatttgcac ttgacagatg agtatcatct gggaaaatct gtctcaagat      120
ctggccctcc cacggganta tgttggaagt aaccaagcct tgcccttaga ngatgcaacc      180
aaaaatattt tgggtggatg ggggtggggg aaaaaattct tgccaaaaaa gaaaggggtg      240
atccctggga aaccaattat ttcttctttc aagggggaaa gggagcctt ggctgggtgg      300
ttttttnggg aaatgggtga aaaagaacca aaaaacctta ttgaaaagc cattgggttg      360
aatggaaaaa ggtttcccta ggaaaaaaaa cccattggaa aaantttcca agccccccct      420
tanttgaaaa aattccgcca nccttggggg taccancctt tggggggaaa aaaaattgga      480
aaaagaaaaa ccttttnaaa ccttanccc atttaaaaaa aaaaatttag gnaanggggg      540
gaanccaagg ttnccaaaaa aaacccnttt tccaaccaa gggggggggg ggggaaaaaa      600
aattcccaaa aggtttttna aaaaaatttt nccaaanaaa ggccctttgg gggaaanttt      660
ttaaaggaaa ttgggaattg gncccccat ttttccctt aaagnaagn aaaaaggntt      720
ttttngggcc tttttttcc tttncccna aaattgggcc ntcccttaa ntggcccc      780
ctttttttcc tttgggttaa aaaaaaaccc ctggggggcc caaaantttt tttggggggg      840
gaaaaaggcc caatttcaa ccnttggggg naattaaaaa aaatttttta aattttgggn      900
aaaattcctt taanttttcc aaaggttccc aaaatttttc cccttgggaa ggggccnttt      960
tttnaaaaaa aaagnccctg ggggggaaaa ggaaaaaagg gttggnaaaa aaccttantt     1020
cnttccaatt ggnaaaaaga aaagntttta nttgnccag aaaaaaaat tccnggggtt     1080
ggaaaacctt cntttttggc ctctcttaa agggcccncc cccgttantt aaaaancctt     1140
tgggaggttt tccaaaacct tttccctgg gaattnaccc tcccctggaa ttttcttac     1200
  
```

```

cctggggggg accaagnaaa aaaaaaance ccttgggnaa nggggncctt ttttneccna 1260
attaaaaaac ccgnggggtc caaaatttcc ccntttttt ttaaaaacnc cccccccct 1320
t 1321

```

```

<210> 4561
<211> 1253
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1253)
<223> n = A,T,C or G

```

```

<400> 4561
ttttntacat acttgcttnn tacatcncag cactttgggn ncttttctct ccgagtcnga 60
ccgtgtgtgt gtgtgtgtgc gcgcgcgcgg cggtctgann cttcggctctt tgttccggac 120
ccggnctccg ccgcagccag cccacatgtc gggngatcaa agaaagcaaa aaagacgggt 180
atggcttttc aaggccgccc ggcttttccc ttccncccg ccaaccnca acttggnaac 240
ggccnccctt taccnccncc caaaccccc ccccaaaatt ttcccccnc nggcccaacc 300
tttngggggg ttccccccna accccccttt tcccccccg gggttaaang ggggggggnc 360
ccgtttccag gggggnaagg ggnaaagggg aaagcttaaa aaaaaaaagt tttggggggg 420
ggnccaaacc gggggaagg ggggggaaaa agccccaaaa ggcaaangaa aaaaaaggaa 480
agggggccnt tccnttgggt ggggttgggg gaaaaaattt ttccccccc gggggggngc 540
ccaaagattc cccnttttnn ggccccccc ccggcccaaa tgccccccc cnttttttt 600
tcccnaance ccccccggg ccgggaaacn ttttttttgg gggggaaaaa ttnccttttg 660
ccggnccntt tccccttttg ggggggnggg ttaccngccn ccggaccggc ccccccggn 720
ccggaaaaaa aagaaacccc ttttcccccc ggaaagncct tttcntttna aaaaggttng 780
gggggtttnc cccngggaaa ttcnttattt aaattcccca aagggnaacc ccaaaggggg 840
gaaccaangg gnaaaaaatt cccccccctt tttttntttt ttncccccaa aaanaaaacc 900
nttttttttt nccaaaaaac cccccggccc cttttnttcc cttttccttg tttaangggg 960
tnccttncgg ggaaaaaccna aaaaattccg aaagnccttg aacnttcccc cccgttttcc 1020
ttggcccaaa aggttccttg ggtaccccc ttgggggggg nttttttggg ttntttnttn 1080
ggggnaaaac cttttccctt tttgggaaa gtnggggggnc cnttttnaaa ttggaaccgg 1140
ggaccttttt tccntttttg naagggnaaa aaacttgccc aaantttntt ttcaaaaaaa 1200
accnnaaaaa cctttggggg mnaaaaaaan ggggggggga aaaaaaaaa ana 1253

```

```

<210> 4562
<211> 760
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(760)
<223> n = A,T,C or G

```

```

<400> 4562
tataattaan ttgnannccn ttnaactctt gttctttttg caggatccca tcgattcgaa 60
ttcggcacga ggtgaccctt cctgcccttc ttgagcagct tgtganccan aagatgtgcc 120
tggagagaaa gcctcatttg gggaagtgcg gnattcgaaag ttcttttattt tgaaaatgga 180
naacaaccct tctnacaaat cctgtctgcc cttccccctt tncaactaga atatcanntc 240
cnctgaacat gaagttnatnc acatttcatg gaaaactggn tgatgntnaa naaatcactt 300
ganggcaaac tttgtccttc angtgtggn tctctgaatn gtagagccng canatcctcc 360
antgtatgga ctgngcctta cttgcccatt gaatgctttc tatacatnaa nacttggnac 420
tctttacaga tgacantnnc cagtngggaa gataaaagan nagaaaagac cnaaantgcy 480
ggnttgccac tcttttttgc catcaccgtg gggactgcaa angccaatgt tggngctggc 540
aaaaagccga angantaaag gtgctgnant gatgttagct gtgnccactg nggatttttc 600
caanaacatt tntanctata aanttcaaag naaaaaaaa aaananactc gaggcctntt 660
aaaactatat tngtctnttt tacctnatnc anacttgata anatacattg atgantttgg 720
gcaaaccac aactagaat tttcccaana ggggggggna 760

```

<210> 4563
 <211> 890
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(890)
 <223> n = A,T,C or G

```

<400> 4563
tttttnnntt taaantttgn aaaattnnntt ttttttacca ncccctttac tcngggttc 60
cttttttttt nggccanggg naatccccc natnccggaa tttncggaa aattttcccg 120
gtttgggcnt nggtccggca tatataaaaa ccagnngag nccccnact atggannttn 180
tnccctngaa tataaaaaa acaatccggg ggggggaacg gaagnagcnt ggcaattngg 240
natcgtaata aaaatacggg antcttgaag cccattgga tggtcncaan gggctgggtg 300
ggaagaacct tanttnagca agaatcccta aaanggggca canaaccttt gnaaaggana 360
aggangttnt ttttncaaaa aaaaaaccca nactttggat gggcaaactt tnaaataang 420
ggatgaacaa tggncaggg cccaccctg ggcttaaatt ancaaaacnt tggcctntgn 480
aaagnccng ttncccttg gggcttctct tttccttca tttntggaac ccannacttg 540
atgtcnttnc aatcgnaact ggtttaatgg cccnattcct acaaccgna aaacttggtt 600
cctngaantg tantctgcng nnanaaaac ncctccnnan tgaantggcc anaaangtan 660
tgatcataca caaananaca ccttnaaatt ntaaccatga acgcgattat attatgnana 720
ganntcnttc ggnnganatt atgtnaggga gccagantnc tcatgctngg aatagngacc 780
nacaaaacnt gntcgaggga cttattgana ttaatatgga agatacanng ttcntntacc 840
anganntggc cacanagaac aatcnatnga ccgaaaaatc cggggngggg 890

```

<210> 4564
 <211> 791
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(791)
 <223> n = A,T,C or G

```

<400> 4564
tttgaaaacc cntttntttt naatcctttt ctttcaaagt gttctngttc tttttgcagg 60
atcccacgca ttcgccaagt gatgcaggna aaactgagat gggatttccc cacgttgccc 120
aggctgggtc cctgagctca aagcaatcca gattgctggg attacagctg tgagccaccg 180
tgctggctg agatgacttt taaaaaaaga cttctctaaa gtagaaggaa ggggtggaatt 240
gtatgcacaa gaagaaaaaa acctggaaga aaaacatact aaagaggctg gagtgcattg 300
gcgcgatctt ggctcaccgc aacctccgcc tcccgggttc aagtgattct cctgcctcag 360
cctcccagggt agctgggatt acaagcatgg gccaccacnc ctggctaatt ttgtattttt 420
agtagagacg gagtttctcc atgttggtca ggctgggtct gaactaccga cctcagggtga 480
tccaccaccc tcggcctccc acagtgtggg gattacaagc atgagccacc gcgcccggcc 540
tnctgttcc agttttctat aatctgttca tatttatattc tgggtatatg tgggtgggtg 600
gattatccat gtgggtcttat tttcacattc tttgcattaa ctataatgtc ttaatgnntt 660
aagataaagt ttcattctac aaagatgtat tgtaccaata acctgggtat tcagggttacc 720
aatcttaaaa aaaacttant tcattttnaa aattaaacnt taaaatttnc caattccatt 780
tnaacattaa n 791

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<210> 4565
 <211> 761
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1)...(761)
 <223> n = A,T,C or G

<400> 4565
 ttcatTTaat cttncCcttt ggatctntnt gcaggatccc atcgattcgt aattatannC 60
 cctggagTta tgcagctaataaaaggTcaa acgcataact ttaaagacgc cttttcagga 120
 agagattcaa gtnttacgcg ggtgccactg gctttttatt atggaatgta tgcataTgct 180
 ggctggTntt acctnaacta tgttactgaa gaagtagaaa accctgaaaa aaccattccc 240
 cttgcnnTat gtatatccat ggccattgtc accattggct atgtgctgac aaatgtgggc 300
 tactttacga ccattaatgc tgaggagctg ctgntttcaa atgcanntgg cagtGacctt 360
 ttctgagcgg ctactgggaa atttctcatt agcagatccg atctttgttg ccctntcctg 420
 cttgggctcc atnaacnggg gtgtgtgcng ctgtctccag gttattctat gttgccgtct 480
 ctgagagggT naccttccan aaatnctctc catgattcat gtccgcaagc aactnctct 540
 acantggTnt tgtttgcacc ctttgacaat gataatgctc ttntttggga gacctcgaca 600
 gtcttttnaa ttactcaag gttgccaggt ggctttttat tgggctggca attgctgggc 660
 ttgatttatc ttngatncaa atgccnanat atgcatcggt ccctttcaaa ggtgccctg 720
 ttcacccac tttnttttg ncttnntttt ttnnnnnnn t 761

<210> 4566
 <211> 787
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(787)
 <223> n = A,T,C or G

<400> 4566
 gntttnaaat ttcccttnnc ttctaactct ttgcttncac nttggctctt gttctttttg 60
 caggnatccc atcgattcgc caatggatgc agggaaaact gagatgggat tnnccacgt 120
 tgcccaggct ggtctcctga gctcaaagca atccagattg ctgggattac agctgtgagc 180
 caccgtgcct ggctgagatg acttttaaaa aaagacttct ctaaagtaga aggaagggtg 240
 gaattgtatg cacaagaaga aaaaaacctg gaagaaaaac atactaaaga ggctggagtg 300
 caatggcgcg atcttggctc accgcaacct ccgcctcccg ggttcaagt attctcctgc 360
 ctcagcctcc caggtagctg ggattacaag catgggccac cagcctggc taattttgta 420
 tttttagtag agacggagt ttctcatggt ggtcaggctg gtctcgaact accgacctca 480
 ggtgatccac ccacctcggc ctncacagct gctgggatta caagcatgag ccaccgcgcc 540
 cggcctccct gttcagtttt ctataatctg ntcataattat attctgggta tatgtgggtg 600
 gtgtgattat ccatgtgggc ttattttcac attctttgca ttaactataa tgtacttaat 660
 ggttttaaga taaagtccat tctacaaaga tgtatgtnc atacctggtn tcaggtaaca 720
 atctttaaaa aaaacttaat tcattttaaa aataaacatt aaaattncca ntccaattta 780
 aacatnt 787

<210> 4567
 <211> 787
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(787)
 <223> n = A,T,C or G

<400> 4567
 gntttnaaat ttcccttnnc ttctaactct ttgcttncac nttggctctt gttctttttg 60
 caggnatccc atcgattcgc caatggatgc agggaaaact gagatgggat tnnccacgt 120
 tgcccaggct ggtctcctga gctcaaagca atccagattg ctgggattac agctgtgagc 180
 caccgtgcct ggctgagatg acttttaaaa aaagacttct ctaaagtaga aggaagggtg 240
 gaattgtatg cacaagaaga aaaaaacctg gaagaaaaac atactaaaga ggctggagtg 300
 caatggcgcg atcttggctc accgcaacct ccgcctcccg ggttcaagt attctcctgc 360

ctcagcctcc	caggtagctg	ggattacaag	catggggccac	cacgcctggc	taattttgta	420
tttttagtag	agacggagtt	tctccatggt	ggtcaggctg	gtctcgaact	accgacctca	480
ggtgatccac	ccacctcggc	ctnccacagt	gctgggatta	caagcatgag	ccaccgcgcc	540
cggcctccct	gttcagtttt	ctataatctg	ntcatattat	attctgggta	tatgtgggtg	600
gtgtgattat	ccatgtgggc	ttattttcac	attctttgca	ttaactataa	tgtacttaat	660
ggttttaaga	taaaagttcat	tctacaaaga	tgtatgtnc	atacctggtn	tcaggtaaca	720
atctttaaaa	aaaacttaat	tcatttttaa	aataaacatt	aaaattncca	ntccaattta	780
aacatnt						787

<210> 4568

<211> 762

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(762)

<223> n = A,T,C or G

<400> 4568

tttaaacctt	ctaactcttt	acaactactt	gttctttttg	caggatccca	tcgattcgaa	60
ttcggcacga	ggaaggacaa	aaatatggct	atctgantag	atgcagaaga	ggcatttgac	120
aaaatctaaa	atattaagta	aagaagatta	tattagtcca	ttctgacatt	actataaaga	180
actgtangag	agcagcccca	gtgcttatag	ataaaactcc	catctnccta	ggacagagca	240
cctgggggga	atgggcggct	ctgggtgcag	cttcngcaga	cttaaatgtt	cctgcctgcc	300
agctcttgaa	gagagcagca	gatccccag	cacagcgtc	gagctctgct	aagggatgga	360
ctgcctcctc	aagtgggtcc	ctgacctca	tgctcctga	ctgggagaca	cctcccagca	420
aggggttgaca	gacacctcat	acangaagag	ctccgggtgg	catctgccan	gtgcccctct	480
gggacgaact	tccanangaa	ggaacangta	gcaatctttg	ctgttctgca	gcctccgctg	540
gtgataccta	ngcaaacagg	gtctggagtg	gacctccagc	aaactagagc	agaccttcan	600
cagangggcc	tgactgttag	aaggaaaact	aatgaacaga	aaggaatagc	atcaacatca	660
acaaaaagga	tgtccaccaa	gagaccccat	cctaaggtca	cccaacatca	aagaacaaaag	720
atngagaaaa	tccncgaagt	ttgaaaaggg	ggaaaagggg	ga		762

<210> 4569

<211> 785

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(785)

<223> n = A,T,C or G

<400> 4569

ttnnnttnna	ttcccttttt	gaactcggtt	ncttgttctc	tntgcaggat	cccatcgatt	60
cgttcgagtg	caagctcccc	atctttcgaa	agtttccatg	gcaatacanc	taactgaaga	120
actaaaagcc	agtgatgtac	ttgccaggtt	tctcagccaa	gaaagtgggg	ttgccagac	180
tctcaagaaa	ggagaagttt	ttttgtatga	aattggagga	aatattgggg	aacgctgcct	240
tgatgatgac	acttacatga	aggatttata	tcagcttaac	ccaaatgctg	agtgggttat	300
aaagtcaag	ccattgtaga	agacttaaca	agctgcagat	aacctgtgg	acttctgtca	360
taattcttgc	tgagtcaaga	gtgtaaaata	aagaaatggc	aggactcata	ttattcantt	420
gtaccaagtg	atttaaaaat	gactctctta	agccttaaaa	agtcatagat	ntgtgctgct	480
gccagaatta	tattaattat	tattaatggt	attattagaa	aaaaaatttc	tggagtgaga	540
agtaaaaagg	cttaattagg	ttgtgggcca	ntttcatatg	ctctggtgaa	atgtgtccca	600
natgtnacat	agtttttttt	ttaatatgtg	gaaatgtctt	ctcttcccat	tcntttctcc	660
ctaaaaatcn	tatatnctg	gaaatataat	gcctcttttt	aanctcttnt	taccttnnta	720
acattttacc	ccttttccca	gttanggnnt	gcttttttgn	ccaaaaagna	tanccaaatt	780
ccnnc						785

<210> 4570

<222> (1)...(793)
 <223> n = A,T,C or G

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<400> 4572
gtgaatcctt ttcnaatngc ttggctactc gctctttctg cangatccca tcgattcgaa      60
ttcggcacga gggcagctag agtcaggaaa atgaccctca tatgctnttn atctttgttt      120
cagttgtctg tcaggggtga attaagaagc tactgggtta tccccaattg ttgatgcctt      180
taggtatggt ggaatctttt tttttgccta ggaggggcca gtngaaaatc tgtgactcaa      240
gangcagtga acagaatact gntttctggg gaaaaattgg ttggctactt gatgttaatt      300
atggnacagt aacaggaaaa gggtgtgtnt gtgtttttaa gtaatgtctt tattctgctt      360
ttttgctgct ataagagttt tctgaaattt atatttttaa cttttcatgc actttactgt      420
ttctagtctc naaatgtgat attttnaatc aacaagaaat tttccattat gngaataaaa      480
ttttaaaaga caatagccta tatttgtgtc tcactaatat ataaagtata ggtcaaattt      540
naattattta attagtttta aatatctcaa tttgtctnct ctttcaaacc tgacatnttc      600
ngctggtttt ttaagtccta aaatgatgca ttttaccttt nggncaattt caattgccta      660
antttcnntn ccataangtn aattaaannc anggcttatt attaannggt aatnatnttc      720
ccccannagg ggtaaatttt taatgggnga ncaaangn gn tgggggatt gangtctttt      780
catnccangn ggg                                     793
```

<210> 4573
 <211> 756
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(756)
 <223> n = A,T,C or G

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<400> 4573
annatcnctt ttnattcnat cagctacttg ttctttttgc aggatcccat cgattcgaa      60
tcggcacgag gtattcttct tctactggag aaggtagcga aaaagaattt gatcctctga      120
ttgcctaggg ttttgagaca tgagaaataa tgtctttgat ctgggtttga gaaattattg      180
catattttat ttttaagtgt tgctgcctct gcctttccct tttgctcct caaatatata      240
aagtaagtag cctgcctaca ggaggactgt taaaaatcat atcactagat taaatagaat      300
taaaaaagan acaggaagat tgaagatgta gnttaatata tgtatcatta ataatagaat      360
aaatacaaga acataatggg tgagaaattt atttcttaat aaaaatttct gagactagac      420
ctttcaacat ttagttatac atactttaat aaaaatctat catagtaaatt ttataatttt      480
tggttgagta tgtgaataat ctttctgcgc attattggcc tgttataaat ctttcaatga      540
attgtggggt ggagtttaaat tcatattgtg ctgaatttac aaaatttaac agtttgctnt      600
aaacgtttta aaaattntct aacttagcac caaatcccc catacctttg tgtgtgtgtg      660
tgtgtgtgtg tgtgtgtatg cctgtggana aaaagtcnag agatcttatt tctcatttaa      720
aaaangttag caaaaaaaaaa aaattttttt ttttnc                                     756
```

<210> 4574
 <211> 801
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(801)
 <223> n = A,T,C or G

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<400> 4574
atatnctnta taancctttc aactacttgt tctttttgca ggatcccatc gattcgcaag      60
agcaagggtg gagggggaca gattgtntng tcnttaaat gtgtgttgac acacatgggc      120
ttcggggttag ctggcctgac atggagatag antgccaatg ttcccaagcc cacagaatta      180
tggaaggcctc accncagta ttcacagctc tcaactggcc ttnanaatg gaaacctttt      240
ctgccntgga tatggcgctt cttctgggag aggagcanag ccacagagag gtaggaagtt      300
gaggcatagc aaagggaang cttcaganc taaagccnng tcactcata tgtgttttct      360
```

angcctgngg	ctgaaangaa	gaggagtggg	gcancctggg	acggnaactg	cctctntggg	420
ctccccactc	ccatggaggg	gctncataa	ctttgctcct	gggctgnatc	ttganaagng	480
ggcanggtct	tcccaccant	ggcanggtgt	gcagttgtgg	tcccaagcct	tggagggaat	540
ggggaatggg	ctggcaccct	gctcaaggaa	agcanaagca	cacangtgcc	ccaacagggg	600
anccttcattg	cccccaatan	ttttaaaaa	ngcaacccat	cacttaaggc	ttgggtgccc	660
ttttcggnaa	aaactaccaa	acttggaanc	ccctcccggc	tttaangccc	aacnaatttt	720
nccctggggg	acnttcctt	gggaccccc	aagggnnttc	ctttaaccag	gccaaaaaaa	780
aaaaaaaaa	nccncccc	n				801

<210> 4575

<211> 895

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(895)

<223> n = A,T,C or G

<400> 4575

cntntttcna	nttatccttc	aactcttgtt	ctttttgcag	gatcccatcg	attcgcagag	60
gctgaggtgg	gaggatctct	tgagcccagg	aggttgaggc	tgcaatgagt	tgtgattgca	120
ccagngtact	ctancctaga	cancagagga	ataacctgt	tcncacgata	angannttca	180
tcanttanann	ntnataanaa	ttctntcagt	gncnngaang	nngacacngg	ancctcctna	240
ncangangga	catnncnca	nggccatntt	acgnntcang	tgccatacat	aaagngnatg	300
ntggnttgag	nttacnacca	cactacngaa	anatttgcna	nnanncttat	gnnnnatnct	360
ttaatnttnt	ccatgtnttg	cttccacgca	ttcagncnat	ngtgtgggtc	tnttaaatgn	420
ctgnctnatt	tcttactcaa	anggattacn	ctanatncaa	caattntttg	aaatggggng	480
cttaatcgat	tttaatgnga	ggnnatttta	cctnatggtc	ttgganggcc	acctggnttc	540
cttaaagtgg	ccttttgatn	nttttaaatt	ccaaanttag	gcccnttttt	aaaataaggt	600
cccaatggna	aaaaantttc	cttnnaactt	ttaaacgtn	nccttaattt	ttcttaaagc	660
ccccctnaat	ttnttcaccc	cngaagggga	anggnaaaat	ttggggngng	cccatttttt	720
atthttnggg	aaacctggcc	aagngggatt	taanatcggg	ggggaatccc	ccnctttttt	780
gggaccctgg	agccaatttt	ggcntttaac	cnaaaggtntt	tatccgcccc	acttttctcc	840
aaaaanntta	ccccccacca	ngtnttccca	aancctgggg	gttttttttt	tntnn	895

<210> 4576

<211> 719

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(719)

<223> n = A,T,C or G

<400> 4576

tatcnnttat	tctntaacc	ttgttctttt	tgcaggatcc	ctcgattcgn	tnatgtatna	60
actantcnna	tatgttttnt	ancatnctta	ntatccttgc	nngcattatg	nggattcagg	120
gtcaacttnt	cagactgnga	gcctgagagt	tnntctctaa	gaggctccac	acctttnttg	180
tctnttagat	cgnggccaaa	ntgagatgaa	aactaactct	tgagaaanaa	aaaccancat	240
gcnttaactg	atacacggtg	ttgncttgtt	catncacagn	nmatncagcg	antaccaaca	300
tccacgntat	gaaatgncnc	cctangtntc	ttattctagc	aactgccngg	caccacaacc	360
atggtaacnt	tggggagacn	naggtctttc	gcttanagga	tgacacgcca	agttaacga	420
cgcagttcct	ctggaagat	gacntgtgaa	taacagaccn	caagggttgc	ctctcgaccc	480
agcctgttca	ngantcacia	gctctttaat	gtcatgtaac	nttccatata	atnttngagn	540
ggnnctgtg	ngncacaccc	tgtgaagngt	gtatatgcnt	cctncagtgc	tggntgctta	600
attcttctgc	attnaaatgt	cctgaccatc	ttgaaaacat	cantganana	ntcctgtgca	660
tgannggatn	ctaagggcta	tntatgatgc	ntttttaaac	tcaatgggng	tttnncnaa	719

<210> 4577

<211> 726
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(726)
 <223> n = A,T,C or G

<400> 4577
 gagcccagaa tgaacatgcg gnccccccaa gttatcntgt gatcccaggg tttcaagata 60
 gacttttgag tttttcacag tctgtcttan ctcagcanga taacttggga cttcagaaac 120
 agttggatct acaaagagaa gttctgcatt atagccagaa agcccaggaa aaattgcttg 180
 tacagagaca aacagcattg cagcagcaga tacagaaaca tgaagagact ttgaaggatt 240
 tcttttaaaga cagtcagata agtaagccca cagttgaaaa tgatttaaaa acccanaaga 300
 tggggcagct canagactgg tttcctaata cacaagacct agcnggaaat gatcaagaaa 360
 atattaggca tgcanatagg aacaactctg atgataatca ttnggnttca gaagatacta 420
 gtgccangct aagttggtga gcatctggga gaaagatctg gggagaagat cctncaagc 480
 cacctgtagc aaaagtcaaa tgtggtttgg accttaaaac ccngcattga acttaagtgc 540
 ttttccaagg aagttanaag ttncagcan attnggcagg aactttctat accttagtn 600
 aaaccaggg tattttntgg aagaacnnag tcccccttgn naagtcttca attatatccc 660
 cagtaacca nggtttnttt tngngaaccc cantggcccc ttgatcccg n ttcaaantgg 720
 cttttc 726

<210> 4578
 <211> 1071
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1071)
 <223> n = A,T,C or G

<400> 4578
 tttttnaaan aattncccaa tnnttttttg tnaaaat tccnccnaan ttttccaagn 60
 aacccttaac cttttgggtt tttgcctttt ttttttgggn cnaaggggnn aatccccccc 120
 aattcccggg aatttttccc ggccttctt tgggtttggg gggnaaggna atttgggggg 180
 gggnaagggg gggggggggg ccccttaat gggccnnntt tcaaattggg cccttttttn 240
 ctttgggtta agntttgggc ccaaaaaaac cccccctt aaaccccc attgggttg 300
 cccccaagcc caaccttaaa gcctttaagg tngggaagga atccttaaac aaaggaatcc 360
 aatccggncc ctccggccc cttcaatttt aaagtcaaaa anggcnttca aacctttctt 420
 ggctttccac aaangtcaat ctttttttgg ttcacttctt ctggtnaaaa taaatcaaac 480
 tcacgccttc aaagtctctg ttgtgggaag tttgagggtg acaaatattt caacaagaaa 540
 tttgatgccc atatgggaaa atcccaagct agctttttgt ancaagttnc aaaaatcaaa 600
 tatttcaaaa cagaatgaga agcttactat cgtgggtggga agtacaaggc tttggtgta 660
 aacaatcctg agatggaatt tcatctcttc ctaaattaga agctgcanaa gacctagtca 720
 aagtctgaac ccttatgagc tttcgtttcc tcagctgtaa gtggaactaa taacactgaa 780
 tttgatgaag ttggttatga aggattaaat tggacaaaat gggaagtgtg tagcatctat 840
 ggcacataga tgtaaaatta aataaagaat gggacanggt gctattnaaa aatatttacc 900
 ttggcccggg gtggcaatgg gcntcatgcc tgtaaatccc aaaccagttt tggggaangg 960
 cccaaaggcn ggggtgggaat caacnttgag gggcccaagg naagttcaaa gaaccagctt 1020
 tgggncacc cattgggntg gaaaaccttc aaaattcccc ttttccctt n 1071

<210> 4579
 <211> 1052
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1)...(1052)
 <223> n = A,T,C or G

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<400> 4579
tnttcacag ctcttggttt atgcggaccc tcgattcgaa ttcggcacga ggctttatgt      60
atcattaaat ttttctcata gttcagaaaa aatgtgccaa agggaaacta ttggctcctc      120
cttcaaaaac agtcttaatt aactttcatt atttanccgg attaaaacta nccagaagca      180
gggntcangg ggaaaattaa aatggatatn ggacccttaa attgtatcat tctgagttga      240
ttgngtgggt tattcaattc ggaaacatgt tgatacttac agtcaaccac tgnnttttga      300
taagtgatat tgattaaggt tgaatcttct ttgtaaataa gtatttacct agttagcaaa      360
agtctgtggt ttcaagaatt accagtgagc accaagaggg tgttcattaa aaatggggga      420
aattgaagtn cccacttccg gnnaagaaag ttggctttaa aaccttggac cacttggttt      480
ggaacaattt ttgggggcct tgggaatnaa aaaaccccc tggttggggn gggggggggt      540
ccttggttgg ccttgntggc canttttggc caagggnaat tggggttgn aagnccaaan      600
cccgttncc cccnttcntt cnaattgggt ggnaaccaa ccccccaac caaagggttt      660
antttgcccc cgggggaaat ggggttttggc cccaaggaa attgncccc cccctttaa      720
ggggggggna accaaagaaa agttccaaaa acccccccc cnaaaccttg gaaaggggaa      780
ccccacctt gggttncccn ttaaccaagg naaagntcca aggggaaaaa aataatttgg      840
gtaanggggg aaggaaaaaa aaaaaantta aaccaaccc aacccaaagg ggccttgggt      900
gggttaaatg ggtttaaaat taggnatgga naaattantt gggaaatant ggtattantt      960
naaatggggt taaaaaaatt ggtacccttt gaatcaaaag gtaccttttt ttattaaaac     1020
nttggncctt ttttttanng gnaaannttt tt                                     1052

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<210> 4580
 <211> 761
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(761)
 <223> n = A,T,C or G

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<400> 4580
ttaatanatc cttgtattgg cngatccatc gattcgggcg aaaatcgaaa tcaagttatc      60
cgaatttcca gaaggcaaga acatggcttt caaatggaga ggcaaaccct tgtttgtgcg      120
tcatagaacc cagaaggaaa ttgagcagga agctgcagtt gaattatcac agttgagggg      180
cccacagcat gatctagatc gagtaaagaa acctatcang ataaccatt cagggtttctt      240
tactcgatct agatcatgta aagaaacctg aatgggttat cctgataggt gtttgcactc      300
atcttggctg tgtaccatt gcaaatgcag gagatttttg tggttattac tgcccttgcc      360
atgggtcaca ctatgatgca tctggcagga tcagattggg tctgtctcct ctcaaccttg      420
aagtccccac gtatgagttc accagtgcg atatgggtgat tgttggttaa gagacttgga      480
ctcaagtcnt aggtctctt cagtctttat gtcacctnag gagacttatt tgagangaac      540
cttctgtact tgaagttgat ttganatag taagaattga tgatgtattt gcaancatta      600
atgtgaataa attgaattta atgntgaat actttcaggc attcacttaa taaagacact      660
ggttaaccac tgntatgctc aatcataccc nctaaaagg acaaatggcc tttttaccta      720
atnctaattn aaaaattncc ngactggngg taaaaaaaaa a                                     761

```

<210> 4581
 <211> 780
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(780)
 <223> n = A,T,C or G

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<400> 4581
nttnnnnant acnatnnan gcctntgtac tgcgangatc ccacgatcc gaattcggca      60
cgaggnaaag ccactcttgc attgatcctc atccgccttt ttgctcgccg cagccgcctn      120

```

cgncgcgcgc	cttctncgcc	gccgcggact	ccggcagctt	tatcgccaga	gtccctgaac	180
tctcgctttc	tttttaatcc	cctgcatcgg	atcaccggcg	tgccccacca	tgtcagacgc	240
agccgtagac	accagctccg	aaatcaccac	caangactta	aaggagaana	aggaagtgtg	300
ggaagaggca	gaaaatggaa	nagacgcccc	tgtaacggg	aatgctaata	aggaaaatgg	360
ggagcaggac	gctgacaatn	acgtagacga	agaanaggaa	ganggtgggg	angaaganga	420
ggaggaanaa	gaaggtgatg	gtgaggaaga	ggatggagat	gaagatgatg	aagctgagnc	480
agctaccggc	aagccggcng	ctgaagatga	tgaggatgac	gatgtcgata	ccaataanca	540
gacnaccgac	naggatgact	agacagcntn	naacgaaaag	ntaaactaaa	aaaaaaagcc	600
gcttnacctt	tncaccctnc	actgccgtct	canaatctaa	accttggncc	cctttnaata	660
anaaaaggcc	cgnccggnca	acngtggggc	antgccaccc	cgaagatgan	acncgctttt	720
caacacccaa	cccaaaccctt	gaggaaattg	gaacaagggg	atggaaaaaa	gaaccnnnt	780

<210> 4582
 <211> 756
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(756)
 <223> n = A,T,C or G

<400> 4582						
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ccaacacatg	tttgaagtac	tagctgccat	gaatcaccga	tctcttatac	tcctggatga	180
atgcagtaag	gnngtcctag	ataatatcca	tggtgtcctt	ttaagaataa	tgatcaacat	240
attgcagtcc	tgcaaagacc	tccagtacca	taatttggat	ctcttcaagg	gacttgcaga	300
ttatgtggct	gcaactttcg	acatctggaa	gttcagaaaa	gttcttttta	tcctcatttt	360
atttgaaaac	cttggctttc	gacctgttgg	tttaatggac	ctgtttatga	agagaatagt	420
agaggatcct	gaatccctaa	acatgaaaaa	cattctatct	attcttcata	cttactcttc	480
tctcaatcat	gtctacaaat	gccagaacaa	agaacagttc	gtggaagtta	tggtagtgc	540
tctgactggt	tatcttcaca	ctatttcttc	tgaaaactta	ttggatgcag	tatattcatt	600
ttgcttgatg	aattactttc	cctggctnct	tttaatcagc	ttctgcaaaa	agacatcatc	660
agtgaactgc	tgacatcaga	tgacatgaag	aatgcttnca	agctgcactc	tttgataact	720
gtctaaaact	tgatgatacc	ttggggnncc	cctttt			756

<210> 4583
 <211> 751
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(751)
 <223> n = A,T,C or G

<400> 4583						
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cgattcgaat	tcggcacgag	gagaacctaa	caaatgaatg	tggtgggtta	ggaagagaaa	120
gaagtnnaga	tgaaatttcc	actctgctgg	ggaaactagg	tagatagatg	atcatgaaga	180
atctgaggaa	gagcagaagt	cgtacaggta	agaatgaatg	cattcattaa	tttattcagc	240
aaaactgcct	gaagaatacc	atgtgcagca	ctgcgggaca	aaacagggtc	tgcatcccca	300
ggctgtnctc	ttgtgaggac	aacangaagg	aagttgagaa	acacacaaga	acaatgctaa	360
gatggggaaa	ctccatacgc	tgccggagca	catacagaca	aagtcagggt	agggtccccg	420
gagaaagtga	catttctagt	gattcttcaa	gtatgagata	gtcatccacg	caaagagatg	480
gtagaaaagt	gttttaagca	aaacaacaaa	atgtgcatag	gctcagaggc	ctatctgatt	540
ttctatggca	ngctgggctt	tcacgcggag	anaggatggt	cttantgaan	gaagctttgt	600
tggttttgtt	ttcgtttcgt	ttgtttaaat	ggtcatataa	agtttttatt	ggctaccttg	660
cttcaagaaa	aactgggcca	atgatgaggt	gatcatttct	attaatagtt	tcattacngt	720
cctgtgtcat	tggggttaac	ccaaaaaaat	t			751

<210> 4584
 <211> 757
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(757)
 <223> n = A,T,C or G

<400> 4584
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 atcgattcga attcggcacg aggtttngcc ttgtnggccca gactagtttt gaattcctag 120
 cttcaagtga tccacctgcc tgcacctnac catcctagat tgtaaaccctt gaaattttct 180
 agagctgnct cccagtgaac ttaacttact gngtggatct gccttgctgc cctnactttt 240
 catantctca ccccgncctc accacttcct tgncttcnnn tgnactggct tgtgtttaca 300
 acatnggatt aacagctgna aggtcagcaa tgaattccca aatangcatt cagcacctat 360
 tttcagccct tcttaatttt tctgngacat tctgaccttt ntaaagntct tttcttggt 420
 ctgatgacct gagatatctt gattttccta cctcattggn atcctcaact ttcttcctct 480
 ggctttgccca tnttgntcct ntctcctcgt attcattggg ggncccatct gccctctggg 540
 aaagttcaac ananggtntc natacctact ccgcgntnnc aanggcccg ctaatgaata 600
 taaatgctcc anggcaccaa ancacaattc ntttacaatg caatccannc ccttctcctg 660
 acttttcttg gcaattntac taaccttaact cntgggtggc ttcnaaaact ggntnaaaat 720
 ggaanctacc tgctacccca aantggggaa agggccc 757

<210> 4585
 <211> 825
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(825)
 <223> n = A,T,C or G

<400> 4585
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 ccngntaccn anttnaatgg gcacnatagg gancctttta ccgatgangt gggcgccggt 120
 ntacaccna tntactgtga ntatatngnn ttgtnnncng ngggcatcac agcattctnn 180
 tcnactattt cggggccaaa ntgagacgtg gaactgannc cctcttacta caacacaact 240
 tnnattcacn ncatcnangt cnntngccan agnngagggn gcatgaaaca ctnatcnan 300
 gattmncnat atganaccac gcggtaangt ttctgngct nngacnnnac aggcncctct 360
 tcaagtgtt ncaccagcag tngaagnng gtgncccgcc tntccgggn nggtgacnan 420
 tccncaatn ngnacacggg ttncctgtnn ntacnaganc actnacttca tgccagaacc 480
 ngcatnnang nnntnatgnc gactctgtnc cttgttcacn atgtactaan ggcttntttt 540
 acttgctggn gncncgtggg aacaatagtc ttnantntag gggataccnt tngtgnaaat 600
 anancnctat cccanantg aancntaacn tntccgggccc ttnannccan tccgggttaa 660
 tnagcggaat ttgntggng cactntnnc ccncacctag ttncaacgag ganctaccg 720
 gggnttannc ccaggccttt cccagggtg aattncnaag gggggcttnt ggtaanncna 780
 agggaggttt tccaaaactt cgatnngggg gggngnaacc ccccn 825

<210> 4586
 <211> 1546
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1546)
 <223> n = A,T,C or G

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<400> 4586
tttttnggggg naatncanac ggngggganaa cancccccttt ttttggggggg anaaaaanccc 60
ccccgcnatn tntagcgnca gcanctcnac agtannnggt nngagcacat nnatncgagg 120
gagngnnntt gantntnncn cnctacgnag ntacntnagn acagngcacn ntnagntttg 180
tgnnnccgnt tttttttatg ncataagccn nccgcnzana tacaatntgg cgcagacggn 240
naggtgcggc ggnnnanagt gnccagnann aggcgcnggg gngcancagn cgcagnannc 300
gcccanncnc cnnctannag nganancgna tcggnncggn nagaggcant ngtcanncgn 360
cgcgagnnnn agnnnnnnnt nnnncgagcc gacgaanana gnnaggngnc cnnnnnnnag 420
ngnnngnagnc anaaaaannan tnnncnaaaa naggnagnna gagnntgna tanntgcgcn 480
cnngtganta nccnaagnnc nacntccncg gnncccggnn ngancaggcn ncagaaggng 540
cccnanncnt nnataanana ctncnnnnct nacanaagggn acnnnnnncng cacnntgnga 600
gaagangccn cngnnaggna caccgggann gnnnananaa agnccgggag canccaacng 660
nantncacnt cgnccncgag natgannngn nncngcnnat ntncnnncn aacagcnnntn 720
ncngactgaa gngtcngnna gccgataatn gaacngcnc ntactgcnag ccgantgnc 780
ccccgcatnn cgctanatnc gtntnnangc gnntcagngc gcnntctcgn ncgnactnnc 840
catcacgcgc ntacantnat naccgcgag cgcnangcg ccangnnnnng canacacgac 900
ancgngtnc acncgcnngn gcgagganc cgncncgatn ganacgagag ctacangagt 960
atagcgacgt catancngga gnganatgac gantgactnt agngcgnacn ncnnnngngc 1020
tncgacnca cactntgagn catcctngan nncggnagcg antcntcgtg anacanacgc 1080
gcnantncnc acngagann aganggcang cagcncatcg ncgcagctac gancgnggat 1140
gagnnntngg angcgacgn cgcntgcagc gcangngagc gncntgntgn gcgtngtgc 1200
cnantangaa ncncagcgtt anancngat gaaggannta tagacagnac cnaactggcga 1260
cnaagcaaag cangatagac tgtgacgcat gacagacggt ngagggtngg atcgnnaca 1320
gcacgcgcgg ccacanacgt acnnnantag catcagannc nacagaacnc gacagannac 1380
agacanactt gcatngngg acgananaat antcnccca cgacaganc agacgagtac 1440
gcatgagcgt ngngcngtg annnananat gnagaggcan acnnagntnt nnanaancgc 1500
tgtannnta cncagcgnnn gcagannngg cgcncacngn ngcnnt 1546

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<210> 4587
<211> 1003
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(1003)
<223> n = A,T,C or G

```

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<400> 4587
tttttttgaa acctttnnnn ntngaatacc nanacaaact ctgnntgtct nngcgggac 60
ccntcaagtc cnatncggcn cgagcncanc tttntnnann tgtcgcgtct gagcccatga 120
gncacgacnn cnttncggg cgctgnatt gncatntctc ccaaatacgt ggctnntccn 180
cantnngaatt natcgnnatt tttagtgcga gannattggc nataatgtnc nccntgagan 240
aaannctnct gncatngaa accatcttna tacttgncgt nncnaaatnc attgtgannt 300
ntgaagggga acgggcnctn nnaaagngat gaatttcnna taacttnacn ggttnatnan 360
gaatgatttt gcncacanc ggaaaatcac ccactnntt tgnttcaaga ntggggccct 420
aacgggaggg gtantagagg caaacntct ttgcgggctn ttntatttcc tttnttcaa 480
caccaatntt tgntgaanaa taacagtgtt ttnaattnaa ttaccaccgc ntncantgng 540
attntttgnc ccattncaaa ggntgggtca attcccctaa aanaattggg aaaaantaa 600
ttntccattt cntttttccn ttnaaangaa accntnccnt gnanttaaaa aaanattctn 660
tntnnttccn caaatTTTT nnttttnaaa cncntnanc gctaaccagg nccgnttttc 720
ggtgncctn tttattgttg gccanntaaa nccccnttt aaaaaattg gccttnaaaa 780
aatccttacc atttttnna ancctaaaaa nggattaaac tttcaancc gtnaantaaa 840
tttnnggggg ttcantnnc tttgaactcc cctgcntcc cntanaattn gaattgncac 900
attggtngna nccaaantat ggatntttca agannaanac tgggcttnca aatgnctttt 960
ttcancnaat nanntnatat tgccattttg nggcccccc cnt 1003

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```

<210> 4588
<211> 997
<212> DNA

```

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(997)

<223> n = A,T,C or G

<400> 4588

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agcataagga	tttattgaat	gaaagtatga	aagtgtggtt	tttatttgaa	agtcaaatat	180
ttggcagntg	gtgttcattt	attctataaa	ctttcaaaac	agatgacaag	ttttaaggaa	240
atggggggccc	taataccaaa	tttggttgaa	ttaaataaaa	ttcccaagat	tcttttctaa	300
cctttttctt	ttttaaaaga	caggggtctc	acttctggtt	gccccaggct	gggaagtccc	360
aatgggtgcc	aatccttggg	caagactttg	ccctgctaag	ttttccctta	aggctaaatg	420
gttaaattaa	gtggggtttt	tgtggaaatt	tentaagaag	ccccatttaa	agaagggtaa	480
gttttttttg	ggaattaaac	ctgggttttt	ccattcttac	ctttaatgga	agcctggacc	540
tggttaagttt	cnattcccac	ctttaatgga	aacctggnaa	cctgggtttt	tccaatcccc	600
tccttttaat	ggaanccctg	gaacctgggt	aaattggggg	gaaaaaaaaat	ggggtgggtg	660
gtnggtncaa	anaaaaaagg	tttttaangg	naatttgggg	aaaagaaaaa	attttccggg	720
ccttggtggc	cntttttccc	caagggttaa	accttaaaaa	aacccaaaaa	gaaaacctgg	780
gttngncccc	tttgggtggg	ccccctttgg	ntttngggaa	aattcctttt	tccaagaaaa	840
tccantggaa	tncaagnaag	aaaaaaaaatn	ggggtggcnt	accaccttcc	aacaattttt	900
taaaaaaaaa	tggaccacnt	ggaccncccc	ctggaccatt	aaaccttccc	tttaaaattt	960
ancctaating	ggggaaaaat	ttttttcccc	ccttngg			997

<210> 4589

<211> 945

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(945)

<223> n = A,T,C or G

<400> 4589

ttcnatanca	aagccttaac	ctcnggtttt	ttntntnaaa	aggcccccg	taatcccccc	60
aattcgggaa	tttttccggc	atancnacct	tgcgttgang	gnganagcna	agtcgggttt	120
nggtngggna	ccnntgcatg	gnntagggan	nagnntang	caaatcatta	tccgttnnnc	180
aanttgggac	gncgcncccc	cnaaaattng	ggtttaacca	ctttngngtn	ggggcccntt	240
tccaaagggtg	gntttcccga	agggecnctt	ttttaannng	gaannttngg	aaaaccnttt	300
ttttttnggg	ancaaanaact	tanaannngn	cgggggcttt	anccccntg	gtnataggcn	360
ttttggacc	tncaagatgt	tcaacgtgan	tcntgccaaa	ggtttgggna	cttggtgcan	420
gggaaanaaaa	ttgaaccggc	caatgnggat	gccttgact	gaagaagnac	ntcaattgct	480
ttggagtgctg	gagaaantgc	attattattn	gctacaaggt	aancatnngn	atggactgnt	540
catngctgtg	natcgtnnt	nataatancn	gagccnaatg	aannacactt	ctantngttg	600
tactgnaata	atagggttna	ngntnntagg	gcagnttggtg	tcncaatcnc	cntangggat	660
cnnatggtaa	tgatgggtatc	tgnaancctg	ncatactgct	ttaannttnn	gggggaaaac	720
nggctgagta	cttgaagtgt	aatgnttcnt	tacntccagt	agcnananac	tggtatcatt	780
cagttttnt	cantagnttc	nncaaggtaa	ngnanaatgt	ttttaagnaa	aaatnnggct	840
ttttgttng	gggggnanaa	aantttcnaa	gnaactcggt	gcctacnnaa	angtgcattn	900
ttttgtggaa	aaacaanttt	ttgccccgng	aaaaancant	ttttt		945

<210> 4590

<211> 754

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(754)

<223> n = A,T,C or G

<400> 4590

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tacaggcatg	agccactgtg	ccctgcctgt	aatttttatt	taatttttcc	ggtgatggca	180
tgagtgaatg	tccacattta	aagttatttt	ggttcacaca	tggcctttgt	ttattattta	240
tgagaaaaaa	ttatagaaat	aatttaaggg	tggtacagaa	atgcaaatct	agaggactta	300
aaatgtacat	gaaaactcca	tttgatatga	caaataattt	acagggtcaa	tattttaata	360
tttatatata	taatagatgc	cagttagcac	aattgacaag	ttctctttta	cagaaaaggc	420
cccaaaatgt	cttctactga	tgccagatca	gttgattatc	tagggataga	tatctgaaat	480
aagctaggcc	aatttgatgt	tctcactcag	gaattatttt	attgactaat	tttattagtt	540
cattcagtca	gcaagtatgt	attgaaggcc	tggtacatgt	ttggttgcta	gagatcaatg	600
atggaaaaat	tcanataaag	tttctgcttc	aaacaaagaa	attaaattgg	ctagacatgg	660
gaaaatagnt	ggccttccca	aganggggaag	gttctataca	tttagtgctg	ntaaggccta	720
taagaactnc	ctctggattt	ntccccccn	ttgc			754

<210> 4591

<211> 1389

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1389)

<223> n = A,T,C or G

<400> 4591

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tgtnccacaan	nctgttgtgt	ctttacactg	ctcnagtga	tcggtnccgt	ncttggatcg	120
ggnggacctc	cttgggagat	caatncccc	gtccttccta	cactttgctt	ctgtgaggaa	180
aagaatncca	acctntccag	cccttttaag	gttcccttca	tgacctnaa	ccctaanc	240
cccaanaana	aanaaccaat	ttntttcaac	ccgggaattt	ttttgaaaaa	aaattcnccg	300
ggnggtantt	tngggaaatt	ttgaacccaa	aaccngaann	gggaatttta	atttttntt	360
tttgaaaaaa	aaaaatgggg	gttccccatt	taggggtttc	ccaaccccc	caattgggtt	420
ccccctttt	ttcccttngg	ggggananaa	agggaagg	aacnccnng	naaaggtttt	480
tggggaangg	ncccaanccc	agggganaaa	gggggggggt	tnccctctan	gggnnatctc	540
cttgggncca	aaaaaccccc	ccccattggt	ncccttttgg	ggnaaaaaaa	aaggggtaaa	600
ggnggggccc	aaacnaangg	gggtttggcc	ntntntntatt	nccnttccca	aaanggtttt	660
taaaaacctt	ttttccaana	aancccccct	ttcccggggc	cccntttctt	ttttaaaagg	720
ggntttttcc	naaaaaaatt	tgggaatttt	ttgnttttcc	ccttggttcc	ccttgggggg	780
ttccccctt	tannccccgg	caccttttgg	ggccenttng	ggggggnaac	cctttaacca	840
aggcccaaag	gnccccnttt	cntttntttt	aacccaanng	gggggntttt	cccctttaaa	900
ancnttttna	aaaaccccct	ttggaanttn	ggngnnaaaa	aaanaacccc	ccnttnnttn	960
cctttaancc	ccccccnttt	aaanccagg	tcccntnccn	ttaacctttt	ngggnnccct	1020
tancctnggg	nttaaaccct	ttttcgggaa	ttccaaattg	gggnaaaaag	gtgngggggg	1080
ggcccntttg	gcccccaact	ttttgggaat	tanggnaaaa	canttttttc	gtaaaagnaa	1140
ggcccaactt	tgcccttaaat	tttttttttg	gaaaaaaaaa	gggaagggnt	ttttgggaaa	1200
attaaattgg	gnttaaaaaa	naaataacna	antttgggca	aancnngggg	gancnttttt	1260
tnaaaagtgt	ncnttttccc	cnttttnccc	ccanttccgn	aaangggaaa	gaagnaaatt	1320
tnccgggttn	tttatttccc	canncccccc	nttttttttn	ggggggnaaa	aaaaaatntt	1380
ttttccntt						1389

<210> 4592

<211> 955

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(955)

<223> n = A,T,C or G

<400> 4592

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ccnattcc	gg	aatttncggg	gtgggaaccc	tnggcccnag	ccnttaccen	angttgggtt	120
tttccccg	ga	aaaaaatgg	gaagggggnt	tgtntgtaat	ggtgtncccc	ccaatttttg	180
gccaaagaaa	g	gcccaagggg	gaacaaagcc	aaggttccaa	ttcccccccc	aattaaagcc	240
cccccttct	t	tggaagggg	gaaagggggg	gaangggggg	aatttgcctt	ttaaaaaaaa	300
ggcaangggc	c	ccaagttttt	cttggttcca	aagttttctt	tgaaccgttg	gggccaaagg	360
tggtccaant	t	ggcaaaact	tttggttgcc	cggaangga	agtcttttaa	ggaaagtgcc	420
tggtcantaa	a	attcaataan	gggtccaaga	accaaacaat	cttggaatga	aatgaacca	480
cctggaaatg	t	gtgtgtggct	gaccacaaag	gaaggtgaat	cctcttgctt	ggggtgctta	540
tggtgtcagg	t	tgcttntctt	ccacatctct	catttgctta	aagcagctac	aaaaggatcc	600
aaagactcat	g	gagactaaaa	atcattctga	ggacaaagag	acaaagatct	gnctgtggtc	660
acactgtgag	g	cttgccttac	actgatgttc	tctatgggag	gtcactgaag	acattcagcc	720
ccacacgaga	a	gatcagagc	aacttggaag	ccccaaagg	agacacaccc	tttaacactt	780
gccgtgctgt	g	cttgttgccc	tgctcttnaa	ggaaggaaaa	gacctatct	cctctgggtt	840
ttgntggctt	g	acanttgca	acttgatcat	gcctttgact	ncntcatctt	nttaacaaga	900
aggaagaac	t	tggtttttta	ttcnaaaccc	ttttnaattt	nngggggggg	ttccc	955

<210> 4593

<211> 780

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(780)

<223> n = A,T,C or G

<400> 4593

nnaaaacccc	ttngnnngna	cnncttttga	atnccctttg	cnactngctc	ttntngcnng	60
gatccccatg	attcgctaac	aagcgattnt	aaaccaccta	tgagtatctc	ttntagggct	120
ttcttaanta	catgttngna	tatactgtat	nntagccana	ntaatttttn	atctgatcag	180
gtagtngcta	aaattgaaa	aaaacaaant	agatgcttaa	agaatttgca	tccatttttg	240
agtctaaatc	ttttaaaata	tactgagatc	cacatctagt	gaaatgtcag	tgtcaaaata	300
ttatagatta	tagctaaaat	ccagattaat	actcattngg	ggttttttat	agtggaaactt	360
catagtnata	caaaangcag	atngtcttcc	tgtctccgct	gctnccacag	taggtattga	420
aactggtnaa	atcagntctt	ngatagtgtg	tgtatataag	aaaanataga	tacncacatt	480
ctttttttct	agtcaacaca	ttgattgaac	actctggcaa	agatgctgng	gtggatgagg	540
ttggagttcn	aaagaagaag	canagcgctg	gcctgccttg	aaagaaccga	agtctttcnc	600
attcacttct	ntagaaagct	gccaagacag	angcagaaag	aaatggatga	taggtctgct	660
aagcacactt	ctggntctct	tagaacttag	aagtgnttct	aagagaacan	aagnctaacg	720
agaaacagtt	cntngtngaa	tcaacaatct	ttnggntgga	accccnttgg	cntttttttt	780

<210> 4594

<211> 902

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(902)

<223> n = A,T,C or G

<400> 4594

ctttttttcca	aaaaccccct	taccttggtt	tttttttaaa	tggtcccggg	antnccncca	60
ttgcgcnatt	tnccgnaaaa	tttncgggnc	caccggaagg	aaaattagcc	catgggaagc	120
ccggtncag	gaaaaaacca	gggnccagg	aatttccaaa	aaatccctgg	tttantcccc	180
aaagnaatgg	cccaaggtng	ggtttaatgg	tnacctcct	aaagcccttc	caagtttttc	240

cantccaatc	cttggaata	ataacaatat	tggggtagct	taatccttaa	caangggggn	300
tgggtgaata	acctataacc	ttaattaatg	gtattntgag	gggcattagc	naaagcattt	360
nggcacatac	tagtgcccaa	nggtgtntct	atttgctgtg	ctacatggnt	acccctttct	420
ntccctgana	aatctcagga	tttgggcaca	ctgcactact	catntaacnt	aaaataaaca	480
naggccgncc	ngtggctcac	tctgtatcca	cacttgggat	gtgacgcgcg	atcacaagg	540
angagatcna	gacatctact	atctgngana	ccngtcttct	aaaaatcaaa	aantaccggc	600
cggtagcggc	acctgtntnn	cactctntgg	agactgaggg	angagaatgg	ngtgacnccn	660
naggcggact	tgagtgagc	cgagataagt	gctactgcag	tncgggnctg	ggtgaangag	720
caaagactnc	gncttcanaa	nttaaantna	gtcananccc	aaaattaagc	aaggttgga	780
ccccanttan	ttaaaaaaan	ttcccgggtt	naaaatttgg	gaaagccttt	tnccaagttc	840
ntnttaaat	ccccaattta	ntttaagcc	cccccttngg	gggttttaaa	aaanncccaa	900
ag						902

<210> 4595

<211> 891

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(891)

<223> n = A,T,C or G

<400> 4595

ccnntttttn	ttgnattttt	tcccannttc	ccccntttac	cttnggggtt	ttcttttttt	60
tnggccaaag	ggtaatnccc	cccnattccg	gaatttttnc	ggcaaatttt	cggtngccaa	120
ccggaaagcg	aanttnctta	gacgtgggga	aaaaagnccc	tttgncttac	cccccnann	180
tanagngggg	tnggggncca	aaccaaagtc	aangggggta	ccnactttgn	nnaacctngc	240
ctgggaatng	aaacccgggt	ttcntnggtt	ttccnattcc	ccccattttc	ccgntntttt	300
attttttnat	cggaaaattt	gntaaaaacn	cggcgggtgg	atttaccngn	cccttttttt	360
cantcggatt	tttnaaaaaa	anaagaggag	tggcaaagga	aacccctttc	tacacataac	420
tgaangccac	cagtgattca	gtncagaga	ggaggggcnt	nncatantta	tattcatcna	480
tgacagcagga	ttttcngnta	aaaaaatcgt	tatcaggcta	cacacatgga	ggaggctggn	540
ntcgcattgg	gaaataccac	actngatac	cactgnatct	tgacctactc	ggccgacnng	600
catnaggtat	anntgtcnct	ntntttttct	ttcctttgat	ntttncngtg	tcgnttagaa	660
caaagctcaa	tctntcatnt	angntcantg	cntngtcnca	atttnagttt	aacttggtgc	720
cntgatcttn	ccaggnttaa	gcnaattttt	gggccttttag	ccctcncaaa	ttacnctttg	780
gactacacgg	cntttaaccc	agccttgccc	tgggcntgaa	ttcctgngat	ccttttnggt	840
aanaaaaatg	gggggtttcc	aaccattttt	gggttttttt	ttnggggggg	g	891

<210> 4596

<211> 828

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(828)

<223> n = A,T,C or G

<400> 4596

cannnncgtc	gannannnan	nccnaannaa	anannnatna	angnncnna	nannnncacn	60
nnntcatngt	naccttgaan	ccttcaactc	ttgcgtctcg	angnnccaag	nancgnanng	120
gaacgagcca	anntttnacg	ggcnanctng	canccaccc	aagacannna	tnggcaanng	180
ggcaanncaa	cggagtncan	nnaactnaaa	cnggntgcca	nagataccgg	cntntgccan	240
agaantnngc	tgngcaattg	atganaaant	atgagnagcc	cncctcgatc	ggganggcna	300
cangggccgn	aannngnctn	acnctgngca	gngcatnatg	agcggcaaaa	ngngnagctt	360
gaanncanna	tananngata	ctcnagcngg	angccgggag	tgaannacnc	nanngctata	420
taacctaacn	ttnaacnaga	tgggncaaca	atgccnanaa	cagggncacn	ntangaaang	480
ttggggacgc	ccccatccgg	gaccangaca	catgagntac	tnctcaang	acanagatca	540
acacangggg	gaanacanca	cacactgcnn	taacngaagc	atgaanggaa	atgtggcctt	600

tcacnaaaag	cgnacaangg	attgctagat	tgaanacaac	cttaaccctn	ctntagcact	660
tggcgattnn	nntntacggg	aaanggnncg	caaangaggc	tnctnttgng	aaaaaaaggn	720
ccnntctcag	ggaaactttt	tccccgngna	acccccagca	ttgtggnccg	ggcaccgccna	780
gggttanttc	ctacaaaagt	nccgngngcc	ccccccccc	cncnct		828

<210> 4597
 <211> 1395
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1395)
 <223> n = A,T,C or G

<400> 4597						
acccccaacc	nncgccccnn	cccccaagcn	nnacgcncng	gcgcnaangc	gnnnacgggg	60
cacgcggcng	cctntgaacg	cttggaaacn	cncctcgacg	cgcgggccng	cacnaannng	120
ccgngcngnc	cccgncgcng	gnnnnnnang	cctttncnnc	ccnnnacnnc	ncacnccnga	180
aagcccncc	cncgcnaacc	gagnaccnnc	nccnccnncn	nccganccnc	ncgcgcncng	240
ggncggnant	nncngnggcc	nanacnnacc	gncnnncncg	nnacccncng	accaaggcnn	300
ncnccacnag	accnnagnnn	nnncnncncc	ccnccannccn	nnccnccatac	ngccnccnatg	360
cnaccacacn	ccccanccan	cagncnnnnga	cctcccnnaac	gccccnctca	acgncnancn	420
ncacgcgacn	acngccgcnn	anncgctcna	nnccngccan	ccacnnacca	ncgcnncagc	480
cgncgcncag	cccggnccac	nncnagcacn	acnggctngc	accannnnnc	acctnnncgn	540
acnccaacng	cnnctnccng	cncnncncca	ngcnnacagn	acgacccann	ncnccagagc	600
gnnacccann	cagcacgncn	gnannatcnc	gccccgcncn	ngcgcnctan	anacgcgcgc	660
aananaggcn	ncnccnnnca	caancngcng	annangtnna	gcnnnnngnct	gnacnanaca	720
cacnnnacca	cnnccnccat	gnncanacan	gcngcnnttc	tnatcnnnnn	ngccatntnn	780
cannaancnt	ncacccccna	gngnagnnca	aanatgngnc	ancnccntcc	cgngntanan	840
cncggacnac	ncagncanca	tacngancgn	cncangggag	ncnccntccg	anccnccgan	900
gncnccnann	nccgncann	cnntnncaca	acgnacacga	cnangnnccg	agcaccncgg	960
cggccangcn	ngacggccan	ancnancagc	gcaccacnan	accacaggng	nnnnnncaac	1020
gnncacaaen	nngcanaacc	annnaccctt	angacannac	gggncancgg	ngncganccn	1080
ncngcancg	ctacgancan	cgcgnantgc	gcccacgacg	anacacgnac	annnnannnn	1140
gngngctccn	gacanncncc	gcccacacnc	tnccgncccc	cncnccagc	agntcgnttc	1200
nccaccgcag	acgncanag	ctacctcnnc	cngnntnnnc	ccnnnccgca	cancctann	1260
nctacnangn	acgnntcgcn	naacantcgc	ancnccancc	tnccnncncc	acnatgngat	1320
ntccgcgant	gcacanncn	nngngccnnc	tnccanntag	acaccangca	gannngtnc	1380
nnancgcngc	cncg					1395

<210> 4598
 <211> 1053
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1053)
 <223> n = A,T,C or G

<400> 4598						
gtgncctccc	ntccttttca	annnnntngg	aantctcnct	cgctntntcg	tgcnnnccgc	60
nntgtgatng	cangantact	gagatgggat	ncnnccacg	tngccenttn	ctggtctcct	120
gagctcaaan	cnggncagat	tgtnnggatt	acagntgtga	ncctcccntc	cnnctgnan	180
atggacttnt	taaaaaaggn	ctctnttaaa	gtannaagga	nggntgnant	tgantcccc	240
nnangacnaa	aacngggntg	aaaaaccatc	ntaaaaggct	ggnatnnnat	ggnagctann	300
tnngntccnc	ngnnaccttc	ngnccccngg	nanctnntgn	nttctnnatc	ctccannnct	360
ntcanntagc	ncngnnattt	tnancattnt	tccaccnntc	gctngcntaa	tttcnnnnnt	420
tatgattttt	nntcaccggn	gtctctttcn	nntcnctntn	ntgcngnct	ctcctnnncn	480
nnnnngtncc	ctantntgtg	taccncanca	tctngttcta	cnntcaacat	ttgnntntng	540

nnattaacat	tnngtctgn	tcncttcgn	tncttcannt	ntannctnt	tgnnncgnan	600
tcngttantt	cttactctcn	cgngnctann	ttgtntgatn	nttatcgatn	tcacctcnat	660
acacntatna	agancnctcn	cgnaatacta	nctnctnana	tanctgatca	cgcnngncct	720
nntgntnta	atactcaacg	tcacctttat	ngcgcnataa	nttcnnanct	tattgacagn	780
acattatnat	nannnatann	ttatactnga	ntnatctagc	tcgcctcaca	ntanancac	840
nntncgancg	tnntnnnctn	ntnnatnatc	tnctnntcnn	tattatctcn	atcccgncta	900
tatnnattnt	tnngnnanc	ttcatacnct	cnanactctc	atnacnnctn	ctcncttcna	960
atgcntncnn	gcttntgatn	tngetcanaa	tcaccatctn	attatctcat	ntccgttctc	1020
ctnntacnat	ntntatntcn	ttagnctgn	ncc			1053

<210> 4599
 <211> 1053
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1053)
 <223> n = A,T,C or G

<400> .4599						
gtgncctccc	ntccttttca	annnnmtngg	aantctcnct	cgctntntcg	tgennncgcc	60
nntgtgatng	cangantact	gagatgggat	ncnccccacg	tngeccnttn	ctgggtctect	120
gagctcaaan	cnngncagat	tgtnnggatt	acagntgtga	ncctcccntc	cnngctgnan	180
atggacttnt	taaaaaagnn	ctctnttaaa	gtannaagga	nggntgnant	tgantnccca	240
nnangacnaa	aacngggntg	aaaaaccatc	ntaaaaggct	gmnatnnnat	ggagactann	300
tnngntccnc	ngnnaccttc	ngnccccngg	nanctnntgn	nttctnnatc	ctccannnct	360
ntcanntagc	ncngnnattt	tnancattnt	tcaccnntc	getngcntaa	tttcnnnnnt	420
tatgattttt	nntcaccggn	gtctctttcn	ntcnctntn	ntgccngnct	ctcctnnncn	480
nnnnngtncc	ctantntgtn	taccncanca	tctngttcta	cnntcaacat	ttgnntntng	540
nnattaacat	tnngtctgn	tcncttcgn	tncttcannt	ntannctnt	tgnnncgnan	600
tcngttantt	cttactctcn	cgngnctann	ttgtntgatn	nttatcgatn	tcacctcnat	660
acacntatna	agancnctcn	cgnaatacta	nctnctnana	tanctgatca	cgcnngncct	720
nntgntnta	atactcaacg	tcacctttat	ngcgcnataa	nttcnnanct	tattgacagn	780
acattatnat	nannnatann	ttatactnga	ntnatctagc	tcgcctcaca	ntanancac	840
nntncgancg	tnntnnnctn	ntnnatnatc	tnctnntcnn	tattatctcn	atcccgncta	900
tatnnattnt	tnngnnanc	ttcatacnct	cnanactctc	atnacnnctn	ctcncttcna	960
atgcntncnn	gcttntgatn	tngetcanaa	tcaccatctn	attatctcat	ntccgttctc	1020
ctnntacnat	ntntatntcn	ttagnctgn	ncc			1053

<210> 4600
 <211> 1020
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1020)
 <223> n = A,T,C or G

<400> 4600						
tntaatcctt	cttnctattn	nttnggaatc	nnantngctc	tatngcgctt	gggccnatgg	60
atgccggana	actnnnatgg	gatttttccn	acgttgccna	ttctggncnc	ctgagctcaa	120
agcaangcng	gattgctnng	attacagctg	tgagccancg	ngcctggctg	anatgacttt	180
tanaaaaaga	ctnctntaaa	gtagaangaa	nggtggaatt	gtatgcacaa	naagaaaaaa	240
acctgnaaga	aaaacatact	aaagaggctg	gantgcaatg	gcncgatctt	ggcncaccga	300
aacctcngtc	tccngggctn	aagtgattnt	cctgccnnag	ntccccaggt	angctgggat	360
tcaacnnatg	nnccaccann	ccnggntnat	tnatgaatng	tantntcnga	cctgttcttc	420
tccatagant	ggntcncgga	anntctncca	tnntcnnatga	nctacangnn	ntnnncnann	480
tantannntn	ntcnctctan	tnnngntact	ntnnanntna	tcatnttnaa	ntggntctct	540
atctcnantt	cactaatngn	cctngnacna	tnattancgn	naccnnctat	aaaatacaca	600

tnctngnttc	nnntnanata	caatnacatc	cntngtgagn	cactnactna	nacngtgatc	660
tctcgcantn	tntcnatcnn	nccnccatat	nccanggca	catctatntc	agatnnaact	720
canctngtan	tattnagana	cnctcgacnc	actntctgtt	atacttntnn	cantctntaa	780
tagagntntt	ncganncnnn	cttctgntnn	ncnanacnac	attntntgt	tacatcntnn	840
atatngcctc	tnattntanc	ntcgtannnc	attntncnnt	tctncnctca	ttancnntnn	900
tancantcnt	cncncntat	ntaaanncgt	ncacacagt	cnnntatnc	accgaannta	960
cntnnacntt	atcacataat	cnctgagtnn	atatactcnn	gttnntctat	tcnctatccc	1020

<210> 4601

<211> 1081

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1081)

<223> n = A,T,C or G

<400> 4601

ttnaaccttc	accaccggtc	angatccctc	gattcgcaga	acccaagagc	aaaagcagcc	60
ttcactnact	gtccccatgaa	ncaaaaattg	gatcttttct	aagcaacaga	aacttttagga	120
tggcnangac	aaaagctnng	ncttnntccn	tntganntan	natatgnaat	ggagattctt	180
tctnatgnng	atcccattcn	gttagccnta	aaaannncat	acngcnnnn	cggaatngga	240
ccttagcaaa	ccaaatgcgg	naaagcctga	tggncgaatt	ngaangangc	cactgncccc	300
ttaaaaaatt	gagcctcnn	cttnccctgg	gcggnnaaac	ccccttcctt	nttnaaccgc	360
ttcttnntag	ntcaaaaagn	gnggtaaatn	ncccggttt	cttatagnat	cttgntaacc	420
tnatccttt	gtttgaacaa	cttttcatcc	cctntntnt	ccccgggnaa	aagncttctt	480
aaaaatggnn	gggncctttt	cnttttantg	gatttttcca	atnnttaaac	ngcttttaaat	540
cggnctccct	aaggananc	ccggaaaaaa	aaaatttgan	tttnggggga	agnaagnatt	600
tccaacggna	agaancnt	ttcccttggg	nggccaaaat	atttnatgga	cnctttttta	660
ttttccccc	cttttggtta	aaggnccttn	ggaantggac	ccccttctnc	caectttaaa	720
aanacctngg	ggctnggtcn	tttgcccaaa	ccataanaag	ttgggaatag	ctatggcccg	780
ggtnttttaa	ancccttgng	gaaaaaaaan	gggtttngcc	ntttnttttn	cncnccgtaa	840
tttnnaaagg	gggggggttt	ttttttctnc	ntttttaaac	caaanggggn	cccaatttng	900
gggaacctgg	gaaaccngg	gtttccccc	ttttttttt	ttttttttt	ttaancaatt	960
aaanaaaatt	cccacanttt	nttttttttg	ngnaaaangg	ttntttggga	acccccctt	1020
ttattanggn	ggngggcccc	tttgggnaaa	aanattnttt	tnntttnggg	cgnaaaaaaa	1080
a						1081

<210> 4602

<211> 1046

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1046)

<223> n = A,T,C or G

<400> 4602

cgtnttttaa	cncttnnact	cccgtgcttn	atgccgancc	acncgtactt	aactggcgcg	60
ngatgtgtgc	tttngtnagg	catcactttt	cccaagnatt	tcatgttcat	ngtaaagagg	120
aaaaatacan	attnctctat	aatgtctcca	ctnattggct	aantcgccac	ttntcatctn	180
tgtgggaaat	gccangtttt	gaantcaagc	cttcnnaaat	tnngaacatt	tnntncaang	240
tttattcccc	aattgcgggn	ggaanatccc	tnacctggct	naaaaaatnaa	atttctttta	300
cccattngga	aattngcnta	aggnnccaaa	anaatttttg	gcncctggcct	ntcttttaan	360
ggnccttttt	ncccaaaaaa	nggaaatttg	gcccaaat	cttgngggga	ccctgggncc	420
aacncctttc	cccttgga	ccnaagnccc	ccggggaccc	attggccttt	naaanaaaat	480
gggnanttng	gncccnanaa	aaaaacnccc	cctngggggg	aaaaanttta	aaanngggnt	540
nggcccnntt	taaaacaaaa	gnggttgga	aaaantaagg	ncccttacc	ntaattttna	600
acagnttanc	ccttttttgg	tcctgggaac	caaattggng	gnatnaaagg	cggaaaaataa	660

atttggaat	nccccaccc	caattntngg	gaanagtnat	ttggncnttt	ttnaaacaat	720
ngggaaaaa	tctttaaggt	ccnaatnacc	cctgggggcc	ttggaaagtt	tnttcaaaaa	780
nggatttnc	aaaaccctaa	cccttcccc	aaaaaaaag	gggattccaa	ngggtttant	840
tnccctcaaa	tncaggtanc	ctgnccctta	aattattatt	aaaagccacc	ctttcccgga	900
agaatccaaa	tnccgnaacc	anagtttaaa	aaaanccaan	ngaagccttg	ggncanggcc	960
agttttanaa	gaaaatggcc	cnaacaaccc	ccggttttgn	aaaaaagagg	accnnggggtt	1020
ttttttttt	ttnaaaaaaa	aaangg				1046

<210> 4603
 <211> 891
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(891)
 <223> n = A,T,C or G

<400> 4603						60
ttcatcctnt	ntngcttttg	tgacagatncc	tcgattcgtg	agtgtgtaac	tcctaaatta	120
gaacactttg	gtatctctga	atatactatg	tgtttaaatg	aagattacac	aatgggactt	180
aaaaatgcga	gggaataata	aaagttagga	ggcccttaga	tacagaatcc	aggctcaatg	240
gataaatgtt	tttggccctt	cccaccccca	tcacccagna	gttgggaaaa	aaagtgatgc	300
cgaatatacc	caactcttcc	ttttggtacc	ctaccatttc	tggtacctcc	tggtttttgg	360
aaaaattccc	atcntaccaa	aggaaacagg	cattagcctt	ttgggtattn	ccccaaaant	420
tacccccant	tanttcaaaa	aaacccaaaa	taggtttcaa	ttcaaaaatg	ggaattttgg	480
gnaaagtttg	gaaagaatcc	ggtacctttc	ggtttggggn	tttttaaaaa	ttccaagaac	540
caccattgcc	ttttggagga	aatttttaaa	ccaggaattc	ccctttnttt	tcaaccctta	600
ccggaatttt	cntttcttta	atggaagnaa	attctggcnt	caagaaacaa	cccttaccac	660
cntttccaag	aaagggttaac	cttnaaaant	ttcccagaaa	agaatanttc	ntnccagcnt	720
ttttntcaaa	aaataccaac	ctccaaacct	tagcttnctt	ccaatagcca	atttaaagcc	780
gtgccncccc	agtnaaaagg	ntccttaaac	atggacagaa	catncgagat	gtcagcaaca	840
aagaaactga	aattccgtgg	atctatncac	acagaactgg	aaaaaaaaaa	aaaaaactcg	891
gcctctanac	tatagggggg	ccgattacgt	aaattccccc	ccagggnaaa	n	

<210> 4604
 <211> 877
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(877)
 <223> n = A,T,C or G

<400> 4604						60
tcgnttngac	tnttgaattt	ngaagccntg	cgngaaccct	cangaacnca	ncgnnncgag	120
nggnantgnn	cccnatnctn	agatttttct	gggnngnantg	catgnggtct	nnnaaggcgg	180
ntnctngaag	aaccctngnt	tgaattacna	nagagngccn	ngnatttnaa	gcccaatatn	240
tggnngcgg	tgtccattaa	ttntatancc	nngcnanaca	gatgacactg	ttttaaggaa	300
atggngccna	acccaanccg	ggtggaanga	atgaatnca	agantnggtc	tancggggan	360
ttttttaaag	acanggtctn	actctgttgc	ccatgctgga	gaccaatggn	gcaatcttgg	420
caganttggc	tgatagtatt	ccctnggctn	ccgnaantnn	cggnnaccgn	gaaccccata	480
gccgttaaga	aggtnaggcc	tntggaatga	aaccgtttnc	cancaaacna	aaagagctga	540
ctgnnaaacn	catcccacta	antggaaccn	nnnccggctt	ntnaanncnt	cnntnattna	600
ncctggacct	ggccctaggg	ggaaanaaaa	agntgccngt	tggncaaaang	gaggntnccct	660
ttnttttgnn	naaacaagg	attnccgnt	tgaannccct	gtcccnacaga	tgtntcntaa	720
aggaccccca	taaaaccngg	gnnccgncca	aggggaggnc	cccgttggga	tnttnggagg	780
attccttttc	cccaataaaa	actnttacc	agnttggngg	agcnnggcng	ccaacccctc	840
cccgnttnan	tenttnaaan	cnctctctng	aacnccctc	nnnatntgct	cccatttnaa	877
ngnnccta	at	ggggtttttt	ttttnttnna	nnnccct		

<210> 4605
 <211> 854
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(854)
 <223> n = A,T,C or G

<400> 4605	
nnatcanttt atcangcttt ntnntcnntt tgcaggatcc catcgattcg catctggcnc	60
gaggngccat aanctcantt tnaaanngaa ttnnttttaa ntggangana tnctntcgnt	120
nganttcngg ctttntgang gngacggnta gnnantcnan acacacttnc tnnacattaa	180
tggganncg nccntggnt gngnggaatn cgggcgantt agngctgcna tggtagacatt attntncta	240
tataacanta ttgctggcnt ncctaccgna gnnmntnnac cctgnantgt ggactnccc	300
tncatatcca nanntcctcc gactgtatat gccttccgtg cngcatacaa nnnangccta	360
tancettaann gnaaccanan nnttgnggaa nggatgante caatacatgt gnncattnnt	420
ncatgngtgt tccnecatgt ggncttcgaa nctcangctt tggaaaccag ngtttcacgn	480
gacaatgana cctttccatg cttntntgcc ccncaatntn cctcaatttn nttataanca	540
aaaaattttt nntntatttt canaaggngg tccagtantt ttnttnacat gggannngact	600
ttaaaattnc ctaagcaagg ggaanccatc ttttaangan cattaanttt ctntgggggg	660
anaatccaaa ccanancttn gaaccttttt tcaatgaact tntngcaacn ttattttttg	720
agcanccaat ttttttcgtt tgaaattccc aaanacaaat tgtgttttag aggnnnnaaa	780
aaatcncttc cnct	840
	854

<210> 4606
 <211> 1401
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1401)
 <223> n = A,T,C or G

<400> 4606	
ccttttgaaa ttttttnaaa atttccnttt accncggggt tttttttnaa tgggcccncgg	60
gaatcccccc natncgggaa ttttccgncn tncccttctt gggaanagga aaaaatnaaa	120
tnntnngagt tantggccca cnataagggg aatccaaagt tngccaaang ttanattggc	180
ctgggtntng ttgcntccca actggaacct gggggtttcc caagggggga accccccggg	240
aagaacccta ncccaaactt gaatttttan aagaatggaa gaaagngggg gtttanctgg	300
ggtcaagaat ggaaacaaat ncctttccac tnaatgggag gtggaaatgg gcccttttaa	360
ccanggaaga atgccttttg caggcaangg aagggaattg ccaagaatgg tcccttggct	420
tccacaagta ntccattggg caggncaaaa tggaacnatg gtcggaatga aataatgggt	480
tncccccnaa aaatcattan ntagtngaac nttttttggg ttnggaaanc cttccttggg	540
gccnntaaat taaaagaaaa aaatggnaaa gaatgaatgg taacaagaat tanttggtca	600
aaccngggac cttnttcaa agccaagtaa nttaagtng gaaagtccct cggaatttgg	660
aaaaaaaaanc cntttaaaaa aggnaaccac attttttccc aggnaaaaat ttgggaaaaa	720
naccttggt nagnaaaaat ttccttggat ttctnttttt taaaacaaag ttaaggccca	780
aggggggnaa aaaaantggg ttnnaaaacc ttanccaagg ggggttggaa cccaaaaaaa	840
aaaaaaaaatt anccccccc aaggggnttg naaaaaacc aacctttggg gccttttttt	900
tgggggttaa anggaaaaaa tttngggngg gncccaaggg ttcccanntt tttnaaaaaa	960
aaaagggtcc naaaaaaaa antttttttt ttttttnggg aaacntttt ttttntttt	1020
tttttttttn aaaaaaagg ccccccaaaa aanggggnan ccccaattta agcttttttt	1080
tttnaaagg ttttttttaa aaaaggnccc ccacnttta aaagggtta aagcnaaatt	1140
anttttttta aggggggggg ggaaaaaatt aagggtttcn aaaaaaaaan tttttttaac	1200
ctttgggttt tggaaaaaaa aaaaaaccac aggccttggg cctttanttg gttgggccct	1260
ttttntttt taacccccct tgggttttcc ttgggttttc cccaaaattt tttttggcct	1320

tgggggaatt tttnggggaa accaanttaa agnnccccan tttttccent tttttttggg 1380
 ggggggaaaa aaaaaaanna n 1401

<210> 4607
 <211> 788
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(788)
 <223> n = A,T,C or G

<400> 4607
 ngnnnnnnntt tcnaaaanccc ttttcnaatn ccttggctat ttgatctcct tgcangatcc 60
 catcgattcg aattcggcac gagaccctct ctggccacat ggaggcagtt tcctcagttc 120
 tgtggtcaga tgctgaagaa atctgcagtg catcttggga ccatacaatt agagtgtggg 180
 atgttgagtc tggcagtcctt aagtcaactt tgacaggaaa tnaagtgtnt aattgtatnt 240
 cctattctcc actttgtaaa cgtttagcat ctggaagcac agataggcat atcagactgt 300
 gggatccccc aactaaagat ggttcttttg tgctgctgtc cctaactgca catactggtt 360
 ggggtgacatc agtaaaatgg tctcctaccc atgaacagca gctgatttca ggatctttag 420
 ataacattgt taagctgtgg gatacaagaa gttgtaaggc tcctctctat gatctggctg 480
 ctcatgaaga caaagttctg agtgtagact ggacagacac agggctactt ctgagtggag 540
 gagcagacaa taaattgtat tcctcagata ttcacctacc actttccatg ttggggcatg 600
 aaagtgaaca ataatttctg atagagatta tttctgtaaa atgaaattgg tagagaacca 660
 tgaaattaca tagatgcana tgcngaaagc cagccttttg aagttatata atgttttcnc 720
 ccttataaca gcttaacgta ttactttttc ttatttggnt tatnataana nagntgngtt 780
 antaaaaan 788

<210> 4608
 <211> 793
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(793)
 <223> n = A,T,C or G

<400> 4608
 tgntcnccta gggaaaccct anngaaaagc ccnccanntt tggnnaaaac tncgctnca 60
 ntgacgtcca cacaccctnc tcgggtagag ntcattttgt ggcaacggaa tgcnccgnc 120
 aaacagnagn gnatnttnnn ggcacagaag gccngngcca ntctcatgga cacctggctg 180
 gacctcngng gaagngaact ncgataagat gngtgcgttc actgcagnac ctacantga 240
 taccgtccnc tctaattgaa cngancctcc ccacatgcac ncncactca aanggagntt 300
 naaaggctgg gttcagggtta caggggctgn ttcttcaccg tctgaatgcn ggaagacaga 360
 ntacnagctc cagaggagcg ngggcgggag acggagctga natgcnngat gtctaggaaa 420
 ncgtcctcgn attcctnagc gcgggcngcn ngactgntcg cggcccttgc ctgncctnca 480
 ngagcgcttc aacttnnncc aacacacccn cggnetgatg ttccctnnct ccggcggcct 540
 gcacacccca acnatgcctg actnggangg ctncnctnc cacacngacc ntganttnng 600
 gnncaagtna cancctgtnc caaantaccg nttaatncca aaagngnacc cntgaaaagg 660
 aancgngccg ggcctntag ccngngntnn ancnggancc gggnnnncnn ngngnangnt 720
 ngaaagggtt cncccgancg nntntnctgc ncctcgnatn natgcntccc cnggcantag 780
 ncnacntcan ncg 793

<210> 4609
 <211> 1104
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(1104)
 <223> n = A,T,C or G

```

<400> 4609
nncnaaaacn ctttnnnctc ccgttctttt tgcaggatcc catcgattcg aattcggcac      60
gaggaaaagg gacagcgtgg ataaaaaggt tttttaaaaa catgggatgg ttaaaggctg      120
gtttttgctt tgggaagaaa gaacttnggg gaactggggg ancaggctct ttaagaatat      180
ttaatttggg aaaatgcctg ggccacctgg tcctaactct gggaatcccc aaggggcttt      240
ggaanctaag ggaattttga agggaaagt caccaagggg aaagccaaga atttccaagt      300
cctggacca ttttatttcc antgccaag gttttttttt ggggtcctgg taagttatta      360
ttgaatggaa aaagaatggt aaaaagcctt gaaattaaaa ggccatttaa ttttctgcc      420
ccctaagaag tttggtttcc accagcccc taaattccaa gggccattaa tgggaataat      480
ggttaaaaac caaatggaac ctggtaaacc cgtnggttta ttacgaatgg ttnaaaggan      540
ccaaaaaatt ttaaaaaaaa angggggggg tttttttaa naaaaaann gaagggccat      600
taaaagggaa nccccctcca aattggccaa nangaatttt ggaaggggac ccanttnaat      660
tttttttaat ttnttggaa ccctttttaa aaaaagaatg gaaattaagg ggtggtttcc      720
ttccaangga aagggttaag gggaatcctt gggccttggg aaaaangggg aaattaaatt      780
cctggaggcc aaaaaggggt aattgaaaa ccaagccct taatngccnn ttaagnaag      840
naaaaaaaa ggggttccctt ttttaaatn aaaggggcaa tttttnggg ggntttnggg      900
gggggggaaa ancccttttg gnaaaaaaaa aagggaaaaa attngggggg naaancctt      960
nggggtncct acccaacca aggggggncc cccttttggg ngggttgggc ccccnaaaa      1020
acccttaaaa aggggggggg tttttngggg aaaaaaaaa atnaaaaaa tttngggnaa      1080
aggggcccca aaaaaaaaa aaat                                     1104
  
```

<210> 4610
 <211> 785
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(785)
 <223> n = A,T,C or G

```

<400> 4610
ggnccttgaa acccttggtt acntgccctt tntgcaggat cccatcgatt cgantncggn      60
ncnagctana cctentatga gggtnncntn cagggctacn gtgattacat gnatgtntat      120
nctggnngt agccgctant ganttgatat ctgncagggt nactcctaga tgcngnaac      180
cgcggtanat ctgccgccg acctnagcat gnatntgagc gtctatcaca nctnnnngan      240
actgggatnc acatntatgg anttgnnenn gacaanatga tatanntgnt nctntntant      300
cngantaant ctaatttnnn gntatgtnta nngganctc atacctgtac aagacgcnca      360
tagcntgant gnctangctg ctnaccacat gtaggntatt aaannggta nnttagacca      420
tgnacanmnt gtgcctatac ttaaaagatc tnttgactan atgctgctcc ttgtagtacn      480
nnaccctga tctggncacc nctggtnant tantgctgtt ngccnatna ggtacggtag      540
tttnganang ancatanctg gcgctacgnc nggcnttan ntganccnc atanacatcn      600
nctattattg ataccngccc ttaggatnag gcngtgtcaa atggatganc naccantagg      660
cnantnttgg tntcgtacna cttggnaacg cccttagagt aatnaaangg gaagntgaaa      720
cnggggcntn gggaaattan acatcgttgg cntgangent aggcctnctn atntttggan      780
ngann                                     785
  
```

<210> 4611
 <211> 818
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(818)
 <223> n = A,T,C or G

```

<400> 4611
gatntntttt tcaaancgct aggctactcg ttctttttgc aggatcccat cgattcgaat      60
tcggcacgag gaaagctcat taccagtagg acataatttt tggctctccc tattcacaac      120
cagtgcacag tttgacacag tggcctcagg ttcacagtgc accatgtcac tgtgctatcc      180
tacgaaatca tttgtttcta agttgtgttt attcctggag tgacatgcca ccccgaaatgg      240
ctcactttca ctgaggatgc tgtcctctga tttagctgct gcctccagcc tctggcttga      300
gaacttacta aaggcacttc cttcctgtta aaccctctgt aactctccat aaatttgggtg      360
attctctgct aggcctaaga ttttgagtta acatctcttg aagccaaact ccaccttctg      420
tgctttttgc ttgggataat ggagtttttc tttaganaca gtgccaagaa tgacaaagat      480
ntttaaaaaa anagaaagaa angnaaaaaa aaaanccctt nacttttaaa agnaaaattn      540
cctnaccagg attttttaan tatnagntna ttcttttacc canttttctt ttttctannt      600
tccctnngat nttttccaan ctnaanggct gggnatTTTT aaacttcant ancttgttga      660
aagaccaaaa ggtggttttt tgganttnag naaatttttt ggaaaatctg gcntaatnct      720
taaatttggg aaaaaatttn nggaaaattc cttaanaaaa taaatntnct tattaanaana      780
aaaantngng ccttttagaa ctttngngng cntttncn                                818

```

<210> 4612

<211> 817

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(817)

<223> n = A,T,C or G

```

<400> 4612
ttcaaatngc ttgntctng ntctttctgn angatcccat cgattcgaat tgtgactnat      60
ncnaggataa atgtnatag cgtatgattn tgatatgact ttgatgagnn tcttcagggg      120
aaattnctna aantgaaatt gctggattaa ngggtaaagt catgnatagt nttgntagac      180
aggncannnc nctnccetta naggtngtnc ccttttgtgt tcttgccann nataatntgag      240
agtnccacnga ntatgtggtn nantntata atgcttgctc atctgatang gaanaaatcg      300
agtatgcctt aatntgcctt tcttttatta tgaatcagat tttaatnttt tgcctctaga      360
actatagntg agtngtatna cgtagatcca gacatgataa gatacattga tgagnntgga      420
caaaccacnn ctagaatgca ccgaaaaaaa tgctcnattt gtgaaatntg tgatgntatt      480
gcttnatttg tgaccattat aagctgcnat ntncaaagtgn acaacaacaa ttgcattcat      540
tcnatggmnt caggttcngg gggactgtgt gnggatgggt ttntaattcg acgngcacct      600
gtgccaaatg cattggngcc ccngggaccc cagctttntg gatncctttt acatggaggg      660
gttnaatttg gccnccttg ggcngttaat cacttnggnc cataagccng gtttnactgg      720
tngttgaaaa tcggnanttt nccggttcac caaatttccc cacngggnat tttctagccg      780
nggnagcctt caaaatggnn anagcccttg gggggngc                                817

```

<210> 4613

<211> 770

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(770)

<223> n = A,T,C or G

```

<400> 4613
gtttnnnnnn nttnnnnnt tcnatngct tggntactng ttctttntgc aggatcccat      60
cgattcgctc aggcttgggg ggaagaacaa gctacttggg agttaatgga tgatagctgc      120
tgtggccatt tttcttaaga gttagactgg ggagatgggt ttggaaagta aaatgcaaat      180
ggtgggtagt ggtattaggt ggtgatgccc aaggcgtgct gtagaaacct gcagggtgaa      240
gcccataact tttgttacgg gaatggggta actgaatcct aaactagcta ggggagatag      300
ggatggaaaag agcagatgtg gaggttgggg agaaggagat gacaggagat atatccagtt      360
ccagagggaa tagggagagc tgtgtggcta agatttaact gtttgacat ttaatttggg      420
gaaattgttt tccagccaag tgaataaata atactggact tcaagtncaa gcttcataca      480

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ggaagtgaag	ttttggtgtg	gagatagctg	catagtcagg	gaacactcta	aattaaaaat	540
agggaggccg	ggcatggtgg	ctcatgcctg	taatcccagc	actttgggag	gccgggcaga	600
tcatgggatc	aggagttcna	agagcaccct	tgaccagcat	atttgaaacc	ccatctnact	660
tgaaatncna	aaagattacc	cggcgtggtg	gtgcacgcct	gtatnccact	tctcnggagc	720
tgngcangaa	aattgcttgg	ccccggaggc	gtggtgcatt	aaccagttc		770

<210> 4614
 <211> 1253
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1253)
 <223> n = A,T,C or G

<400> 4614						60
ccccnagttt	tcnaaaaaanc	ccncnagttt	tggaanaangc	ccctttgtnc	tanacagggc	
catcccccaa	tcgcatttcc	gnaaaaagng	cgncgcagna	nggacttggg	nnncgcctgg	120
acnccngnat	annmtcgggc	aacacactgt	cgnggagagt	ttttntnca	gggccgggtt	180
taattacagc	ctcangggta	cggaggggaa	aaacnanggg	ggaanattgg	nanannccgc	240
caaangggat	tttgggggna	aagnaattaa	nccccacana	ngntntactc	ngncnnaccg	300
gggccaaatg	cnaggaaatg	gggaaanacc	tttccgtngg	ggcaagcccc	ggnaaccatn	360
gagcgnngga	ccanttatgg	ggcggggacg	naaacctacn	ggnccaaaca	anggccacct	420
gcttanggaa	actaggganc	gnttaanaag	ancgcganana	aagcccgttc	ncnnaacctt	480
tgnttgnnnn	annaatgggc	cntgggggnc	ntncaacacg	ggnggnntaa	annngnanna	540
nngnntttaa	acaanncccc	tcaanggggt	aacccgnaac	caacctntgn	cacnggggnt	600
annnccnnna	aaaananccc	acacagcgat	acnccgggga	gaaaaaattt	ntaaannntt	660
nnaanancca	atngccatnn	aaaacncntt	gccccaacng	ggaaaaaann	gcccccgga	720
atntancaac	cccangtagc	cccanaattn	ccccaacgga	gngggcccca	antatctgnt	780
agggnaatng	nggnattngg	cnnttnnaaa	nggnaanata	cnaccgnttt	gngnggcnc	840
aanatggggg	ngaattgcaa	aagngnantt	tggncaaaaa	ancnaaaaaa	ncgnccttnt	900
tttnnacnan	canggggaaa	nncctcnagg	gcaaccnata	ccnancctgg	nataagaaa	960
tccctnggnn	acctnanaag	ngngntccc	cccganaaaa	aaaacnaagg	nggttancgc	1020
aannccaatt	cccccgngng	atattggaaa	aaaacngggg	gaanaaaaaa	aaaaanggga	1080
agngcttntc	canggggggg	naancaattg	gntnaaaaaa	ccctttcncc	tttanangaa	1140
aacctttcnt	caaaaaanct	tntaaanaaa	aanccaatnn	ttatnccccg	cgaannccaa	1200
agnggtnttc	aaaatacnng	gancattaaa	ccgcggnatt	atcccntnaa	aaa	1253

<210> 4615
 <211> 757
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(757)
 <223> n = A,T,C or G

<400> 4615						60
ttcaaacnct	nggctcttgt	tctttttgca	ggatccctcg	attcgaattc	ggcacgaggc	
gcaatgcgag	cggctggcgt	agggttgggt	gactgtcact	gccacctctc	cgccccggac	120
tttgaccgcy	atttggatga	tgtgttggag	aaagccaaga	agccaatgtt	gtggcccttg	180
tggcagttgc	cgaacattca	ggagaatttg	aaaagattat	gcaactttca	gaaagggtata	240
atgggtttgt	cctgccatgc	ttgggtgttc	atccagttca	aggactttcca	ccagaagacc	300
aaagaagtgt	cacactaaag	gatttggatg	tagctttgcc	cattattgag	aattataagg	360
atcggttggt	ggcaattgga	gaggttggac	tagattttct	ccccagattt	gctggcactg	420
gtgaacagaa	ggaagagcaa	agacaagtcc	taatcagaca	gatccagtta	gccaaaagac	480
taaatttgcc	tgtaaatgtg	cactcacgct	ctgctggaag	acctaccatc	aaccttttac	540
aagagcaagg	tgctganaaa	gtactgctgc	atgcatttga	tggtcggnga	tctgtaacca	600
tggaggaggt	aaganctggg	tacttcttct	taattncccc	ttctatcata	agaaagtgga	660

cagcagaaac ttntgaacaa ttgcctttaa cttctatatg cttagaaaca gattcacctg
 cnctaggacc ngaaaaacaa ggtaccgnat gancnt

720
 757

<210> 4616
 <211> 1351
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1351)
 <223> n = A,T,C or G

<400> 4616
 ccnttttttt ngcnaaaaaa aattcnnccn tttttngggt ttttaaaaaa nanccccccc 60
 atttttttca tnnntttttt tnggnncagt naaaaaannn nanantttnt tnaggggnan 120
 ataaannnnn nntannnga angnnntnn tntntnaaag tannnnnngn tttttntgaa 180
 nnnannagan agnnnnntt ttttttntt nnnmntanna gnttttttn tgnnggmatc 240
 atantattnt nncaggagg ggtannntat ttttnaanga tgaantttgn atntnanngc 300
 atnnannaan naaanttnnt natntngna taatnaaaga attnaataat tanangatan 360
 atacntaaaa aaaganncga gagcattntt nntgggattt ttnatcatct caaatnagnn 420
 annatatcta tgaatgatan ttanttagn ttnataant annnnnaann gtnttattna 480
 annatantgt nattngannt gananaann atctgccang nangatntna tnaaatntnt 540
 nnnngaanac antnncnagg cgnaatnata ttnntantna ntntntnatt annaatagaa 600
 aaatntnatn atnatatana ttnattatac antantatgn tnnaaantat atnanntntt 660
 tatactctac tatatgaatt attcnnanga natnaattan agmntngaag aaatatatat 720
 atntanaatn tnatttaatc tgtannagan tananacttn cnaancatnt ctatgatata 780
 tganagannt tatattctgt acttaatnng atattanata tgataaatan anagatatat 840
 ataataattat nacatactgt tatanantta tatntatntg nagtacnngn gannaatgat 900
 tacttatatn antattnana tncnatanat atnnagggt tagtcntgta naatgtgna 960
 tcannngagt cnnnataata nntntatctg ttatgttggt atatatttgn tngnatatat 1020
 nctactannn nataaggnta taatttgnga nnagatgtnn aantttnatc tcanagacat 1080
 cnacatgcan atnangttga anantgtttt ntatatctca tangtantct cntatngatn 1140
 tntagctatt atntagaana nntanatata tntnctctnt atgttnaatg actcataant 1200
 ctatnatgtn ngtacaactn nctntgtata nagnatgnc tcatanatta cncnntantn 1260
 cngatatata tagnnnattt ntatatntat actctantan ntgatngana tattntatnn 1320
 acnnanatag actactatan taataanatn a 1351

<210> 4617
 <211> 805
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(805)
 <223> n = A,T,C or G

<400> 4617
 ttctaattcc attctaaatn ccagttccaa gccttngtgc aggatccctc gattcgaatt 60
 cggccgagaa gatgcagggt aacaggtagt atcttcccca gcagatggtg ctgaaaaagc 120
 tgacagaatt attacaatgc tgcccaccag tatcaatgca atagaagctt attccggagc 180
 aaattgggatt ctaaaaaaag tgaagaagggt ctcattatta atagattcca gcactattga 240
 tcctgcagtt tcaaaagaat tggccaaaga agttgagaaa atgggagcag ttttcatgga 300
 tgccctggt tctggtggt tagganctgc acgatctggg aacctcacgt ttatggtggg 360
 aggagtttaa gatnaatttg ctgctgncca aaaatttgct ggggtgcatg ggctccaacg 420
 tgggtgtctg tngagctggt tggactgggc aagcgcaaaa agatctgcaa caacatgctg 480
 nttagctatt agtattgatt nggaactgct tgaactntga aatcttgga atcaggttaa 540
 gggcttgacc caaaactact ggcttaaaat cctaaatatg anctcangac ngtgttngt 600
 caaattgaca cttantaatc ctgtcctgga ntgatgggat tggccttccc ctcggtaat 660
 aactatcagg gtggattttg gaaccacccc tcatgggtaa aggatctggg gattggcnca 720

aganttttgn taccagcaca aaagangccc cantccttnt tggcaatctt gggcccatna 780
 gatcttncag gtngatntgt nccct 805

```
<210> 4618
<211> 772
<212> DNA
<213> Homo sapiens
```

[illegible]

```
<210> 4619
<211> 612
<212> DNA
<213> Homo sapiens
```

[illegible]

```
<210> 4620
<211> 760
<212> DNA
<213> Homo sapiens
```

```

<400> 4620
annttacnaa ancnnngnga cntnctcttt ctgcaggatc ccatcgattc gggggcacag      60
gccgagctgg aaggagaatt tggcaaaaag gctnatggct tgctggggat gttcctgaaa      120
cgctcttggc ctacgcttat cctgctgcaa gcatggactt cccacctctg gaaaatgttt      180
tatgatgctc ggaagccccg gagtcagatt aagaatgaga tcaacattga caccctggcc      240
agagatgaat tcaacctcca gaagatgatg gtgatggtaa cagcctcagg caagcttttt      300
ggcattgaga gcagctctgg caccatcctg tggaaacagt atctacccaa tgtcaagcca      360
gactcctcct ttaaactgat ggtccagaga actactgctc atttcccca tccccacag      420
tgctcagcta agaactgtag ggaagatgga tgaccttcac gcagaactcc ttttgggata      480
tacatgatgc agaaaggatc ctacatggag agagacagaa ctctctcagc tgacactctc      540
agagattcct gatgggcttt ctcttgaagt ccaaggcgctc tgcatgtttt ctttttcttt      600
tgcccatnca tgaatggttc tggtttgnt ttggtttttt ttaataagga atttcccggc      660
tggatttttg tgaaggcctg ttttaaattg gactttactt tgcccttttt ggggtttctc      720
aanttttatc ctanaaacct ttctgacttt tttccatcnc      760

```

```

<210> 4621
<211> 612
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(612)
<223> n = A,T,C or G

```

```

<400> 4621
cnnagntcnn attnggttaa ngccctttct cgcagganga ncccatcgat tcgaattgan      60
ctctnggctc cngctgnnga nagctancnn gntntttnan acagccnagc angcnnngtn      120
gnatcaccaa ncntgggncc ntacnanggc annatttnng gccngntgna tttggnnaaa      180
agattngna anggcaangn ttctgnctgc ccaaggacaa ntgctgatga gcngaatan      240
ctgggnacna annngnttca cctgatnggt attnacctnt ganacacatn ngngccaaa      300
aaatgggaat aaggnnctga ggnactctca gaggcataat gnactatctg ttcgtctntg      360
atanaggnag gtgnatatgt gannagccca taannagca tatttcacca aaactntntc      420
cctgggtggt accaccttgg tcnaatgtng nagcaattng caaatngac tangtncana      480
cgatcctacc gtgntctnna ccaactctga tnatgnnng nctngtctt cattgcnaaa      540
angaantca ttttgcnnta ntactacttg aacgacttag agtngacnna tctacccatg      600
nagtcttacn at      612

```

```

<210> 4622
<211> 1526
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1526)
<223> n = A,T,C or G

```

```

<400> 4622
aggnctctgc ttgncccatn gcgaacgctg gaaacctctg nncaanagcg cnggaaaccn      60
cngggntaaa tgcccacggn nannncacgc nannncccn ttttcncacg cnaccacna      120
ggngcngan naggnctnt anangnacac nmatcngaac cantctntna aaggngcngc      180
naaantnnnc tanngtncgg cntnacgagn gggaactgna acccccgngn nngctacnag      240
nnacacnaga aaacancnt ngggtnaata caacagccaa cngncanncg nmtaannaat      300
tcnncanacan aggagagaga cnnagnangc cncacacant nnnngcccaa cantggnaaa      360
ccacnagcnc ntaanananc gaccangnc anntnctac aaganagngg cctcacngcn      420
nanncnnac ntcgtncgca cccnatngga accgcaantn negaatcann ncnnaggggg      480
ccgccannnc nnacactcgt ntnacngnag cncgctcana nacctacta natnnngggc      540
gcctngngaa caaaacaaca ngcccanac cgcctnttag nnnccntnna anagatancc      600
gacggganac tctannacgc ganangnacn gtccaaccac tctagagggg aantgntngt      660
nntananaan cnacaanggg tnttcctnnc gcancacaan gccaaaaten atntatgnac      720

```

ccatntncnc	tccacnggga	ncancangga	aagaccgagn	agcccaanga	cnananaacng	780
nngtanccnt	naaacaacc	anannagaca	nnanggnagn	canaancccc	ccaggcaaan	840
cacnctantn	ngcanaaaac	nccccctaaa	tnancgcaa	ccctttgncg	ncnanngnat	900
cgntngaca	gmnncanann	nncnnncntn	nanactcaaa	aggnancaa	gntnganacn	960
nngcaaaaa	ccagcaccgn	ggtgncnaa	cactcnggcg	taccennagc	gcanntatat	1020
caccaccccg	ggacangaag	gtcncgngng	natatannaa	tcncntnneg	gcgacacgca	1080
nctctaagc	nncnnagntn	taanangncn	natnntaana	nnangctctc	aaaccnntcc	1140
gcgnnannng	ncnctannac	tacgcaacca	catcaagnnc	cggnatgcgn	atccanncgt	1200
tcacataaac	gggngacca	cnnngngncn	cnancganct	ntgtnnacgn	gnngcgagnn	1260
ntnnnccgan	nngacangac	nannngnaaa	nacgtaccc	tnggcnaang	cacacatgng	1320
tgnaaccgana	antctganta	tnncncntn	tacacncant	aacnacncan	nagnntanng	1380
aggnaaacca	antgaatnga	tannncncn	cgnaacgnng	anncccnnnn	ganantnaan	1440
ntaagnacan	nnanagnntn	nangcgcgca	nnacctntac	naacnncaca	nnctngcnnt	1500
cnaaaaganc	nacgccnctn	tcnccg				1526

<210> 4623

<211> 797

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(797)

<223> n = A,T,C or G

<400> 4623

ttgtnnnncc	cttttnaaat	ncctttgggt	anttgnctn	tttgcctngat	cccatcgatt	60
cgaattcggc	acgagnnngg	actaccttnc	aaaaccnggt	ngggaagcnc	gttacagaan	120
tgatntctan	tccctgnat	tctggatgct	gcagaccaac	acctgccnac	aanacncana	180
cacacacann	caancantat	catgtaagac	agnncgntna	ntnnnnnatt	ntnatncttn	240
nncattttacn	cantnttgta	nantggntca	tgngtctata	natnnttgta	antattntnt	300
gananangac	ganantctga	atcttaagca	tatgctccat	cnttnnatat	gctntgggtg	360
agaggctngc	cntnattcat	nttnncatgg	agncaagttt	aatgcctcta	gantacattc	420
tgggcttcaa	gcattccttat	tttnnaactcc	ctgagtgatg	ggtggataaa	tcnaacattg	480
nctnagtggg	ntcaagacaa	ctttgntggg	ggttttgntc	acaatcatga	aaatgggttn	540
gccagataaa	tattttgata	ttagnnttcn	tttttnatat	anngcggtag	gtttgaattg	600
nacnttnaaa	tgnntnggg	tgtnaagaca	ntggnttnca	atnnaattta	tnacatgaat	660
tggngnctcc	cctttggnga	aaccttaag	aantnttgn	tacttcttca	taaaagggtg	720
tgngatttng	naantttcgg	gggttttnaa	tttttnntga	agcttatttc	ntganaatnt	780
acttggntta	ccaagcc					797

<210> 4624

<211> 797

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(797)

<223> n = A,T,C or G

<400> 4624

ttgtnnnncc	cttttnaaat	ncctttgggt	anttgnctn	tttgcctngat	cccatcgatt	60
cgaattcggc	acgagnnngg	actaccttnc	aaaaccnggt	ngggaagcnc	gttacagaan	120
tgatntctan	tccctgnat	tctggatgct	gcagaccaac	acctgccnac	aanacncana	180
cacacacann	caancantat	catgtaagac	agnncgntna	ntnnnnnatt	ntnatncttn	240
nncattttacn	cantnttgta	nantggntca	tgngtctata	natnnttgta	antattntnt	300
gananangac	ganantctga	atcttaagca	tatgctccat	cnttnnatat	gctntgggtg	360
agaggctngc	cntnattcat	nttnncatgg	agncaagttt	aatgcctcta	gantacattc	420
tgggcttcaa	gcattccttat	tttnnaactcc	ctgagtgatg	ggtggataaa	tcnaacattg	480
nctnagtggg	ntcaagacaa	ctttgntggg	ggttttgntc	acaatcatga	aaatgggttn	540

gccagataaa	tattttgata	ttagntttcn	tttttnatat	anngcggtag	gtttgaattg	600
nacnttnaaa	tgnntngggt	tgtnaagaca	ntggnttnca	atnnaattta	tnacatgaat	660
tggnngnctcc	cctttggnga	aaccttaaa	gaatnttnga	tactttctca	taaaaggggtg	720
tgngatttng	naantttcgg	gggttttnaa	ttttnttga	agcttatttc	ntganaatnt	780
acttggnnta	ccaagcc					797

<210> 4625
 <211> 1133
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1133)
 <223> n = A,T,C or G

<400> 4625						60
gctacnagcg	gngngaaaa	ntccnccct	ttnaaagntc	cctgggttaa	aaaaaccccc	120
ctttttcccc	ttttttggg	naaaaccncc	ccggtttttc	gcnaaaaaa	nggncccnng	180
ggggaacnc	ccccaaantc	ggganangcg	caaaaaaata	ncntggnggn	accggngggg	240
ggaagcncnc	cncacanncg	gagggcacca	nttttaccgn	gaatantggn	nnaggaanca	300
ngncncnntg	nttaccgggc	gaagcccga	caangcnntn	tggttnanaa	nttgggggng	360
gaaancngga	tccangggnc	cncnacgcg	cnaanggtag	ggannctnaa	acaannnaaa	420
ngtggngtcc	gntcnaanag	ngtnganccc	anaaaaaann	ncnnggtaag	nttgcgnncn	480
atacanaaca	naacnnggaa	gcngatgaaa	taaannnctg	tcnanaana	ngnncancnc	540
acctggnnna	cngggccggg	aacncnanaa	gggnacanac	tcgnagaaaa	aanaantggn	600
ntngggncgg	ggccgtgcna	gccacnccaa	aacaananga	annggatntn	gatnnggnaa	660
agaanaaana	ttncnaaaa	caaanannna	atgngnaata	tggtgggggg	aaggganann	720
cgggganngg	ggggggatcc	nnatcctctg	ttaaaaangg	agngngggna	nggggggancg	780
aaaaccnggn	naagganccc	annatgtgga	anncaggttn	tagnaaccaa	aaaaancggg	840
nnatctgnag	gngncaanan	nancnttant	cancncnnga	nnccntatn	ggngcaaggt	900
ggagaaatcn	cnggntaaan	agggnncccn	ggtgggnagt	ggtgaaaaaa	ancccgnggn	960
aaangacnnc	aantngggcc	ccnnaggggn	angaanangg	gggaangnta	aaaagtggaa	1020
accccaaaa	nnngaaaaag	aaggtaatat	tttgnnnaga	accntttaan	cngagggccc	1080
tccaaaaaaa	aaatactccg	caaatnancn	gaanacntna	ctagggggcc	annnaganan	1133
aactnntcgn	gctananana	gtgacatccn	ataaaaacgg	tntgaacncc	ncg	

<210> 4626
 <211> 1195
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1195)
 <223> n = A,T,C or G

<400> 4626						60
agggnnnnnn	nnnnnnagg	tnnnnnnnnn	ntttttttgg	gaaaaagncc	ccccnttttt	120
ttggggaaaa	acccccctt	tttgggggaa	aatttgggcn	cccnncccn	ttttggtttt	180
taaggggnnc	ccaaaaannn	nnccccctt	nnnggggggn	nnaaanannn	nnnnnnncng	240
ggnnnnncnn	nnnnnnnnnc	naaaagngnn	nnnnnnnanc	nnnttggnnn	nnnnngnnnn	300
nnnttttttt	ttgnnnnnnn	ccccnannna	nnnnnnngnn	nnnnngnncn	ngggngnggg	360
gggncnnnnn	nnnnnggggg	ggggggnaaa	nnngggngnn	anacnnnnng	gggggggaa	420
nnngnnnnnn	nnnnnnngg	ncnccnannn	aancgnnnnn	anancnnnnn	nganggnnnc	480
ncnnannang	nnngnaacnn	naccnnnnna	cnngngngng	aannnnngnn	gnnancnnnn	540
nnnnnnncng	acgccccgc	gccgcnanga	ananaggcgg	ccaacgnaca	ccaggaacgn	600
nggcgnnaaa	gcagancagn	cgaccnnacg	nagngcngag	agcncnagna	angaacngag	660
naggganngn	nacgnaccan	nnngnaggcc	cncgcnngag	agnggcaagn	naaacgnncg	720
ggagancaaa	angacacnaa	acngncannc	gaanacaacc	aannangggg	nccagccnag	780
acacgangca	cacngnaann	gagnangnnn	acagacgaan	nggganacgn	nannancaca	

gnaannngncn	naagggcnc	gganacaang	ggacgnn	gccngngcc	ncaaagccn	840
gaagaaann	nngcgagaca	nncngcngn	gncnnngnan	aagaggnaga	cangggncga	900
nnnnangggg	aaggacaanc	aancnaagga	gcgcnngnan	cacnnccan	nggannagca	960
ncngacaana	annnanaacc	gnaacgncc	ngaaaagagn	annnnagaaa	aanngaangc	1020
aaacngaacc	ggcacncnc	nnnnnncgac	ngcagacaga	nnagggnncg	gnccnaacnn	1080
ngagggnnnn	ncgaganaca	ncggngaang	cngnagnaac	cgagnaaang	ncnannngac	1140
nannngnca	ncacncncgn	ganngggcgn	nanaacgcnn	gncncaaaan	ncgcc	1195

<210> 4627

<211> 729

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(729)

<223> n = A,T,C or G

<400> 4627

cttttcta	gcttggntn	gctctttttg	caggatccct	cgattcgaat	acagccctnn	60
cgntgncgct	ggntctgatg	gctgggntnt	tganncgagn	ctctngtgna	ngtncacacn	120
cnctcacncg	acatatggga	cattacacac	acactcctgc	tcaaagtctg	tacccatnat	180
gngtggaant	tctgnaggcc	tnagctctgg	cccntanggc	ggannnnngcn	actactttnc	240
atnaccncga	caccaaggtg	gctatggcct	ttccnacttn	aactacaacg	ttggnnngngg	300
canannatcn	tnattnanna	ncaaagctta	ncangatagg	agagccnnat	aanngactgg	360
gaacntactg	nnnacancn	atctgagaac	tcatgcggca	catggtggag	ncctatntgc	420
tcgaagaaac	tgtgttaaca	tgnaactcatg	tcgcnnggctn	acactcntng	ctgttncntg	480
cnnatngtat	acatgtatga	cacttctgtc	tgtgnaaagt	ggaagcattt	ctcatacngg	540
ncctatgtct	aatnagttnt	gaccccnngc	tgtagtngct	aantgnaaca	ggnttgatcc	600
ttacnntgaa	taactgtcac	atnnttaatg	agctggagaa	aagtagtcca	anccttagcc	660
cttctnggga	aagtttgccc	aacngtntgg	gagtncaaaa	ttnccttttna	ggtnaaggcc	720
cctttntnn						729

<210> 4628

<211> 911

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(911)

<223> n = A,T,C or G

<400> 4628

tantangann	nnnnnnnnnn	nnngtnnnnn	atcanatnnn	nnntnntnna	nnngntcnttn	60
tnnggggnt	naananangc	gnnagtnnnn	gattttgaaa	acnttataan	gccttnangc	120
natecngttt	ntncagggnc	ccntcgantn	gnnatcgga	cgagccggan	tacgccntgt	180
ttgggggtat	gtgggtcggg	gtggccgggtg	nttcngcctt	cnggggcctt	gcngagactn	240
acccctanan	cgtcgctgcc	cccagctcan	ctcttactgc	gggcccgnrc	cnacggggga	300
ccatnctgtc	agggactatg	cggcccaaac	atctccttcg	ccaaaagcan	gcgccgnnac	360
cgggcgcac	gnggcggnc	ttggcgcant	ggtggacgtn	cannttgatg	agggactacc	420
accaattcta	aatgccctgg	aagtgcgaag	caggagagacc	agactgnttt	tggaggtggc	480
ccancattnt	ggggtgnang	gaaaannccna	cccaaatgn	ntncgaggac	tattgctatg	540
gatggnacan	aagccttgg	taagaagccc	aaaaaaagta	ctgggatnct	tggtgcacca	600
aatcaaaaat	ttccttgtn	ggtcncctga	gaactttngg	gcanaaaatc	antgaantgt	660
caatttgggn	gaaaccctan	ttggattgaa	angaaggtcc	cnatcnaaaa	anccaaaacc	720
aaattttgcc	tcccnnttc	attgctggng	gggccttccc	aagnaatttt	tnaattnggg	780
aaaaattgga	aggnggtttg	gaancnaag	ggaaaaattt	ttttgggtgg	naacttgggg	840
tannttcnaa	aggggttttg	gtccgaaatc	cttggcncnta	ncctttcccn	ttnttgcccc	900
aaangggggn	g					911

<210> 4629
 <211> 944
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(944)
 <223> n = A,T,C or G

```
<400> 4629
aaaanncann tacnnnnna annnanatnn tancnaaaan ntnattaann nntnecgganc      60
ncncnnncnn cngttgattc caancttaat caccntngan tcngatatcc ngagccntcg      120
atgcnncnnt naaacnatnc gnangggnga nnccaaccnn gggctctccna angaacngcc      180
cncnggantg accntgnacc ctancaaagc aacnngnccc anctntttga aagggttcta      240
gggcangcga aaacnaata agncccttn aaaaccnaca ngaaactnng ccngatccct      300
naanncnccc caagnntgct nccaccntn ggnntnttg cctngnangc tncngnaacc      360
ccctgnaaca tnaaggangc naccaggnaa aacacaanga cattccnccn ttaacntngg      420
aagnaaaagc cnnanntcta aatacanncc caaccagacc cannttggn ggggtntggg      480
gaaanacctn ngnggggggg gngnaggngg gnntaattaa ngntaanatt antnnccaaa      540
ggnetcccaa aggccttgnt tttnncccc ttttnncaaa aacaaaangaa ccntttttnc      600
nanggnctgn nntannnaaa aatnggggnc ccccaaaaaa aaaattncnn tgntanggaa      660
ncaacntagc gcctggncat nccccnttaa tcggggggccn tggaaaaaaa ttntaaaata      720
taaaaaattn cccgggggna ttngnaaacn cnntgcngg nnaatttggg aangnnnggg      780
gtttctngtt naaaantngg tngnatnga ccccaaaat ntttttttna ttatncaaaa      840
nnnngtttaa ttccncnca ttcttaaaaa nttatcgggg aancaaaaan natnggnnaa      900
aaaaaccca nacaaanttn ggggaaaacc ccnnttanaa aant      944
```

<210> 4630
 <211> 937
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(937)
 <223> n = A,T,C or G

```
<400> 4630
gttctaattgc ttggaattna atcggtggaa agagctagn attttngaaa tcggtcataa      60
gtagatgttg tggannggaa nnaannttng gatactgatt ttntaagngt ngttgtgnat      120
tggtcaggaa ttgttnanna ngnanataa anttaantna agatancatg cnantaacnn      180
agatagaaan aannatgggg gagtntntga tnnnnagnaa ntataacntn ataagntntt      240
attnncttac nanggtaaaa gattttntga aatggatnac tnnntnagtt tnnattntaa      300
tatggtttna gaancacttt ttnatgann catngaagat tnnnatann cantatattt      360
tntaannnag ancttanngc atntatggcn atttnatgtg tgcttttann taagttttct      420
tggatgnaag ntatatnatt nannatttta tggtanntga ataganantn gtangtaatt      480
ttgatgtant aatagtngnt taatganaan tttttnttaa nannnttant tnggntnatt      540
natntgnaan tttntnggng ntaaataatt ncnatttntt gaaantntnc nttaataat      600
tngtatatta accntngaac aagataatat aattgnnaac agntnttatt naatattnta      660
naatantntt gaatanngt anatngggan ataattattg gggtnnatng tanttgtttt      720
cnacgtaana ttttaattng tnaaatntgt attnnnaaan ncttgntgt aantnattaa      780
ngaccgccta ttttaaatgt tnttagtna ataaattngg ntttggnaa naaaatattn      840
tatatttata ananatnna nnaattmann tctttaataa atttanangn ntntnatata      900
tntaatnata ttanttataa nttttgtata nnagnaa      937
```

<210> 4631
 <211> 937
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(937)
 <223> n = A,T,C or G

```
<400> 4631
gttctaattgc ttggaattna atcgttggaa agagctagng attttngaaa tcggtcataa      60
gtagatgttg tggannggaa nnaannttng gatactgatt ttntaagngt ngttgtgnat      120
tggtcaggaa ttgttnanna ngnanataa anttaantna agatancatg cnantaacnn      180
agatagaaan aannatgggg gagtntntga tnnnnagnaa ntataacntn ataagntntt      240
attnncttac nanggtaaaa gattttntga aatggatnac tnnntnagtt tnnattntaa      300
tatgggttnna gaancacttt ttnnatgann catngaagat tnnntnatann cantatattt      360
tntaannnag ancttanngc atntatggcn atttnatttg tgcttttann taagttttct      420
tggatgnaag ntatatnatt nannatttta tggtanntga ataganantn gtangtaatt      480
ttgatgtant aatagtngnt taatganaan tttttnttaa nannnttant tnggntnatt      540
natntgnaan tttntnggng ntaataaatt ncnatttntt gaaantntnc ntttaataat      600
tngtatatta accntngaac aagataatat aattgnaaac agntnttatt naatattnta      660
naatantntt gaatannggt anatngggan ataattattg gggttnatng tanttgtttt      720
cnacgtaana ttttaattng tnaaatntgt attnnnaaan ncttgntgt aantnattaa      780
ngaccgccta natttaaaagt tnttagtna ataaattngg ntttgggnaa naaaatattn      840
tatatttata ananatttnna nnaatttnann tctttaataa atttanangn ntntnatata      900
tntaatnata ttanttataa nttttgtata nnagnaa      937
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<210> 4632
 <211> 1191
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1191)
 <223> n = A,T,C or G

```
<400> 4632
tttngnaaaa annnnncnag aggggtttttg ccnaaaaaat nggcccnttt gggggaaaaan      60
tttgcaaaaa atccccnttt ttggggnaaaa aaggngggcc nnnannnnnnn anngnattnn      120
gangangnna nnaaatnnnn nnnnnngggn ngggngnnan nannntnang ngngaangag      180
ggggnaaant tanannanna gnnnnnnnnn tntanannng nnnnnnngna nnanannngn      240
gtttanannn nnnnnngngn nangnnnnnn gnaangggag gggnaanan nnnnnanana      300
nagggggggg ggngnanacn nnnntanacg nggggggggn nnnannnaaa ngagganann      360
ncnagnnaga nannananaa gagaannana naanannann angagantan nnaannata      420
nganaagagg nnaaaggngc cggnaggngg gggnttgnta nacannntga nntnggcna      480
ncaacnaatc anacatgact gagaatnggn ntacnaanta nnaanancta nngagaantg      540
ganggaaaga ngantcaaga atanaaaggg acaacatgag naaanaanga cacgntatnc      600
gaanatnnga agaaananaa anagncggca aanatangnt gaatagnaaa tnnnnacng      660
ataatannan annntanann nagnnaccat ctngaagcaa gagtnactnn gtnaaacgac      720
antanatnng agnagagnnn ntnnnnnnnt tcnantagng gnagacnacn atannantan      780
tgnntanaat nctncgaaaa tntaactanc naanacntat atgaatgaga nnnatatcta      840
ntnngagaca ntncnagac nnnnnngtgg naaaannnac annannngtg ntganancnn      900
gatgtgtcac acacangntg ttnnactnta nnnnattaga cntnangana nantatccga      960
gntnnannan naanantnnt gananatcta gaaatatnga tnacanatna aaananatat      1020
ntctagcnca tcatgagata tcnanacaga ngctgancng aagatanncg agagtctacn      1080
tanatncana ntaactgnat nnanataagc annatgatan atantgncgt nancnnnagn      1140
taanggagaa gactanntng tnatcnntn gaaancctaa nanacatgnc a      1191
```

<210> 4633
 <211> 1191
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(1191)
 <223> n = A,T,C or G

<400> 4633
 tttngnaaaaa annnnnncnag aggggtttttg ccnaaaaaat nggcccnttt gggggaaaaan 60
 tttgcaaaaa atccccnttt ttggggnaaa aaggngggcc nnnannnnnn anngnattnn 120
 gangangnna nnaaatnnnn nnnnnngggg ngggngnnan nannntnang ngngaangag 180
 ggggnaaant tanannanna gnnnnnnnnn tntanannng nnnnnngna nnanannngn 240
 gtttanannn nnnnnngngn nangnnnnnn gnaangggag gggnaanan nnnnnanana 300
 nagggggggg ggnngnanacn nnnntanacg nggggggggn nnnannnaaa ngagganann 360
 ncaggnnaga nannananan gagaannana naannannn angagantan nnaannata 420
 nganaagagg nnaaagggnac cgnhaggngg gggmntgnta nacannntga nntnggcna 480
 ncaacnaatc anacatgact gagaatnggn ntacnaanta nnaanacta nngagaantg 540
 ganggaaaga ngantcaaga atanaaaggg acaacatgag naaanaanga cacgntatnc 600
 gaanatnnga agaaananaa anagncggca aanatangnt gaatagnaaa tnnnacgng 660
 ataatanann annntanann nagnnaccat ctngaagcaa gagnetnntn gtnaaacgac 720
 antanantng agnagaggnn ntannnnnt tcnantagng gnagacnacn atannantan 780
 tgnntanaat nctncgaaaa tntaactanc naanactat atgaatgaga nnnatatcta 840
 ntngagaca ntncnagc nnnnnngtg naaaannnac annannngtg ntganancnn 900
 gatgtgtcac acacangntg nttnactnta nnnnattaga cntnangana nantatccga 960
 gntnnannan naanantnt gananatcta gaaatatnga tnacanatna aaananatat 1020
 ntctagcnca tcatgagata tncnancaga ngctgancng aagatanncg agagtctacn 1080
 tanatncana ntaactgnat nnanataagc annatgatan atantgncgt nancnnnagn 1140
 taanggagaa gactanntng tnatcnntn gaaancctaa nanacatgnc a 1191

<210> 4634
 <211> 756
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(756)
 <223> n = A,T,C or G

<400> 4634
 acttagangg ntgaagtga anncccttct gcaggaagcc catcgattcg aattcggcac 60
 gagagcagac gttgaaggca ttcagtataa antttttcga acatttcacc atggagtcag 120
 gggtgatggc atagcttga gccagagac tagacttgat tcattgcctc cagtaatcaa 180
 atttgtact tcagctgctg atatgaaaat tagattatct acttcagatc ttcaggataa 240
 aaatgaatat aagggttttag agggccatac cgatttcatt aatgggttg tgtttgatcc 300
 caaagaaggc caagaaattg caagtgtgag tgacgatcac acctgcagga tttggaactt 360
 ggaaggagt caaacagctc attttgttct tcattctcct ggcatgagt tgtgctggca 420
 tctgaggag acttttaagc taatggtgag agagaagaat ggaacaatcc ggttttatga 480
 tcttttgcc caacangcta ttttatctct tgaatcagaa caagtgccat taatgtcagc 540
 acactggtgc ttaaaaaaca cttcaaagt tggaccctg ccggaatga ttgggtaatt 600
 tggggatatt actcnggcc agttattcct caaataaga gaccgttca catggatccg 660
 agcctgctta attcanggg gnccacaatt taggggaaaa tctggttnca acccactggg 720
 ttatncctgg ccaaatggg ccaagnccag tttnat 756

<210> 4635
 <211> 820
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(820)
 <223> n = A,T,C or G


```

<400> 4635
gnnnannnnnn cnnngnnnttt naanncccttn tttcaaagtgc ttggctactc gttcttttttg      60
caggatccca tcgattcgcc aatggatgca gganaactga gatgggattn ccncacgttg      120
cccaggctgg tctcctgagc tcaaagcaat ccnattgct gggattacag ctgngagcca      180
ccgtgcctgg ctgagatgac ttttaaaaan ggactnctct aaagtagaag gaaggggtgga      240
attgtatgca caagaagaaa aaaacctgna agaaaaacat actaaagagg ctggagtgc      300
atggngcgat cttggctcac cgnaacctnc gcctnccggg ntcaagtgat tctnctgcct      360
nancctccca ggtagctggg attacaagca tgggccacca cgcctggcta attatgtatt      420
tttagtanag acggagtttc tccatgttgg tnaggctggg ctcgaaactac ccgacctcag      480
gtgatccacc cacctnggnc tcccacagtg ctgggattac aagcatgagc caccgtcccg      540
gnctccctgt nncagnttct ataantgtt cntattatat tctgggtata tgtnggnngt      600
gtgattattc atgtgganct attntcacat tctttgnatt aactatnatn gtccttnaat      660
ggtntaaana naaagtttca ttcctacaaa agnnggtttt ggtccaaata accncgggtt      720
ttcaaggtta accaatcntt gaaaaaaaaa accttnantt cnattntaaa aaatnaacca      780
ttttaaant tngccnantn ccantttaaa acattaaaan      820

```

<210> 4636

<211> 778

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(778)

<223> n = A,T,C or G

```

<400> 4636
ttctaagtct tggnttnaaa ccccttttaaa ncccttgcac ttgctctttn tgcaggatcc      60
catcgattcg gagaggagca ggtgcagtga ttcataccca ctctaaagct gctgtgatgg      120
ccacccttct ctttccagga cgggagttta aaattacaca tcaagagatg ataaaaggaa      180
taaagaaatg tacttccgga ggggtattata gatatgatga tatgttagtg gtaccatta      240
ttgagaatac acctgaggag aaagacctca aagatagaat ggctcatgca atgaatgaat      300
accagactc ctgtgcagta ctggtcagac gtcatggagt atatgtgtgg ggggaaacat      360
gggagaaggc caaaacctg tgtgagtgtt atgactattt atttgatatt gccgtatcaa      420
tgaagaaagt aggacttgat ccttcacagc tccagttgg agaaaatgga attgtctaag      480
ccaaaagaaa gtctaattat atacagaaga taaagctaaa cgtaattatt atttaaata      540
aagctatttt tttaaatgaa ttgaaatttt tcatgatgct actaatttgc cactaaatac      600
tgcaaagtgt caccctgnat ctcttctgac attgggatgt tatttgctta tattcttata      660
atthttnaat gaaggcacag tngaaatgga aaattttatn ctcnatgggt cctgggttatt      720
tttaaactct taaccancaa aattttggcc ttaantttct ttttatatat accncenn      778

```

<210> 4637

<211> 750

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(750)

<223> n = A,T,C or G

```

<400> 4637
ttnaaaatcg cttggcnact cgctctttct gtnggatccc atcgattcga attcggcacg      60
agccaaaatg ggggtggggcg cagtggctca cgctgtaat cccagcactt tgggaggccg      120
agggtggcg atcacgaggt agggagatca agaccatcct ggctaacacg gtgaaaccn      180
ggtctctact aaaaatacaa aaaaaaaca aaaaaaacta gccaggcatg gtggcaggca      240
cctgtagtcc cagctactcg ggaggcagag gcaggagaat ggcgtgaacc tgggagggtg      300
agcttgacgt gagccaagat cgtgccactg cactccagcc tgggtgacag agtgagactc      360
cgtctcaaaa aaaaaaagaa aataggcaca ataagtaata catttctgcc caagtaagag      420
ccttcccttt tgtggatgta atgaaaatat cttcaagcac tttataaata aattatatgt      480
ctgatactag ccttccattg cctggatcac atctgattgt cctggtaatt tgagaaaagg      540

```

gtagccccc	ttt	ggtatggata	gtagcttgat	gacatggaat	tcanggaaaa	gactatgatg	600
gtgtcacttg	taactgcttt	tgggtgctgta	aaatggcatg	gatttaagaa	gagaattggc		660
tgggtgccgt	ggcttacacc	tgtaatccta	cacnttgga	ggccaaagtn	aggctgcttt		720
gaccagaat	ttcagaccaa	cctggccaan					750

<210> 4638
 <211> 827
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(827)
 <223> n = A,T,C or G

<400> 4638							60
ttnnnnnnnn	tnttcaa	atc	ctttgctact	tgttcttttt	gcaggatccc	atcgattcgg	120
gcgaggagc	agaagctca	a	gctggagcgg	ctcatgaaga	acccggacaa	agcagttcca	180
attccagaga	aatgagtga	a	atgggcacct	cgacctcccc	cagaatttgt	ccgagatgtc	240
atgggttcaa	ntgctggggc	c	ggcagtgga	gagttccacg	tgtacagaca	tctgcgccgg	300
agagaatc	agcgacagga	c	tacatggat	gccatggctg	agaagcaaaa	attggatgca	360
gagtttcaga	aaagactgga	a	aaagaataaa	attgctgcag	aggagcagac	cgcaaagcgc	420
cggaagaagc	gccagaagtt	a	aaaagagaag	aaattactgg	caaagaagat	gaaacttgaa	480
cagaagaaac	aagaaggacc	c	ggtcagccc	aaggagcagg	ggtccagcag	ctctgcggag	540
gcatctggaa	cagaggagga	n	gaggaagtg	cccagtttca	ccatggggcg	atgacaatgt	600
ttgccacagc	cttntgcctg	g	aacctggct	cgtgcttggtg	accagaaggg	aaaaggcngc	660
tgttttggt	ctttcttccc	c	gcaanggac	cccgnntgac	ccgccttggtg	attggaagaa	720
gccaaaagg	agaacccctt	t	ttccggaac	ccggtttaac	aagntccctt	ggtntttttg	780
ggcannngnt	tttngggaaa	c	ccttgaang	gggccctttt	ttcccttggc	aacnttaaaa	827
angncacctt	gnccnttggn	a	annaacanc	attccgngc	ttcntcc		

<210> 4639
 <211> 827
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(827)
 <223> n = A,T,C or G

<400> 4639							60
ttnnnnnnnn	tnttcaa	atc	ctttgctact	tgttcttttt	gcaggatccc	atcgattcgg	120
gcgaggagc	agaagctca	a	gctggagcgg	ctcatgaaga	acccggacaa	agcagttcca	180
attccagaga	aatgagtga	a	atgggcacct	cgacctcccc	cagaatttgt	ccgagatgtc	240
atgggttcaa	ntgctggggc	c	ggcagtgga	gagttccacg	tgtacagaca	tctgcgccgg	300
agagaatc	agcgacagga	c	tacatggat	gccatggctg	agaagcaaaa	attggatgca	360
gagtttcaga	aaagactgga	a	aaagaataaa	attgctgcag	aggagcagac	cgcaaagcgc	420
cggaagaagc	gccagaagtt	a	aaaagagaag	aaattactgg	caaagaagat	gaaacttgaa	480
cagaagaaac	aagaaggacc	c	ggtcagccc	aaggagcagg	ggtccagcag	ctctgcggag	540
gcatctggaa	cagaggagga	n	gaggaagtg	cccagtttca	ccatggggcg	atgacaatgt	600
ttgccacagc	cttntgcctg	g	aacctggct	cgtgcttggtg	accagaaggg	aaaaggcngc	660
tgttttggt	ctttcttccc	c	gcaanggac	cccgnntgac	ccgccttggtg	attggaagaa	720
gccaaaagg	agaacccctt	t	ttccggaac	ccggtttaac	aagntccctt	ggtntttttg	780
ggcannngnt	tttngggaaa	c	ccttgaang	gggccctttt	ttcccttggc	aacnttaaaa	827
angncacctt	gnccnttggn	a	annaacanc	attccgngc	ttcntcc		

<210> 4640
 <211> 769
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(769)
 <223> n = A,T,C or G

<400> 4640
 tnttttcaaa tngattggct acttgtttctt tttgcaggat cccatcgatt cggaactcag 60
 aacactgagt ccctatttga tgttaaaata tgaccgttaa acttctgggt aagataatga 120
 atggcactat ggtttatact gtttctgttt tatgggctct tccagagacg tgaactggaa 180
 aacnctctgc agtgtctggg attcgctcag tgctgcaggg gagggcagggt gtgaggggaa 240
 tggccctgga ggggtgatggg gctggggcat ccgatgcagc tttatagtct tgtaattacc 300
 acttttaaac tttttattac gaaaaatgtc aaggaccctg gaattacgggt gaggtaggca 360
 ggataatggc cccaagatg cccgtgttgt gacccccaga ccttgtgagt gcctcacatg 420
 gggagattgt cctaggtcat cttgcangcc cagggcagcc ccatgggccc ttaaagcttg 480
 agagcctttc ctgctgagtc tgagagatgc canaagcagg agaggttaga acccgangag 540
 ggccccgacc tgcgctgctg gccttagagg aaggcccgan gantgtggtg gcccctaagc 600
 agcttnggac tggggacctt cgtcccaccc tgcaaagaaa ctggaattct ggcanaagcc 660
 cccattatgg aggaaaaggg aaggatcctg cccttggcag nacctttgac cctntggacc 720
 ttcacaaaatt gtnaagcctg agggttttgn gtangnacc atnaaaaaan 769

<210> 4641
 <211> 769
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(769)
 <223> n = A,T,C or G

<400> 4641
 tnttttcaaa tngattggct acttgtttctt tttgcaggat cccatcgatt cggaactcag 60
 aacactgagt ccctatttga tgttaaaata tgaccgttaa acttctgggt aagataatga 120
 atggcactat ggtttatact gtttctgttt tatgggctct tccagagacg tgaactggaa 180
 aacnctctgc agtgtctggg attcgctcag tgctgcaggg gagggcagggt gtgaggggaa 240
 tggccctgga ggggtgatggg gctggggcat ccgatgcagc tttatagtct tgtaattacc 300
 acttttaaac tttttattac gaaaaatgtc aaggaccctg gaattacgggt gaggtaggca 360
 ggataatggc cccaagatg cccgtgttgt gacccccaga ccttgtgagt gcctcacatg 420
 gggagattgt cctaggtcat cttgcangcc cagggcagcc ccatgggccc ttaaagcttg 480
 agagcctttc ctgctgagtc tgagagatgc canaagcagg agaggttaga acccgangag 540
 ggccccgacc tgcgctgctg gccttagagg aaggcccgan gantgtggtg gcccctaagc 600
 agcttnggac tggggacctt cgtcccaccc tgcaaagaaa ctggaattct ggcanaagcc 660
 cccattatgg aggaaaaggg aaggatcctg cccttggcag nacctttgac cctntggacc 720
 ttcacaaaatt gtnaagcctg agggttttgn gtangnacc atnaaaaaan 769

<210> 4642
 <211> 772
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(772)
 <223> n = A,T,C or G

<400> 4642
 ttatttgaac cctnnccent tcaaactcct tgttcttttt gcaggatccc atcgattcnc 60
 ttttccatga ctccaggetg tgctctctct catgtttggt cccttctgtg cccatgggtca 120
 ggagctattc ggggtggcacc tngctggcca ggctctccc agtcgtggca cctccacaat 180
 gtgaattttc tgaatcccta ttccaggatt nctgggaata atgtttactt ctanaatggn 240

cctgntgtaa	accatctcat	cnaggtgtgg	taaagccatt	gnatgatgag	gggactgcca	300
tggaagag	agtttggtac	ttacggttct	gagaggaggg	gccacatagg	aaagccccac	360
ggtgggtcac	aaagcggaag	gagggagggg	aacgtgtggg	cttgnttttt	ctngcacatc	420
tctgaagagt	tnntaatctt	cactcatcat	gtgccaagaa	gtgncatcat	aaaangaaat	480
atnttttttt	cctaggagca	gngttaaagt	ctgggtcaca	ttcctgacca	aggacagcat	540
cctgccttnt	gcccatncnc	ttcagttcac	aaaagctgac	atnttaaaaca	aatcatgact	600
cacacgtntt	aattgggtat	aaaaaatggt	gnggtacacc	tggttagata	aaaacttaan	660
ggccacaang	gangggcccc	aaggtanncg	atgtcaagtg	tgtnaaaggg	gcctggattg	720
ggcctggnn	aanggatttt	tgggcaaac	ccaaaanttt	ttgngcccc	nn	772

<210> 4643

<211> 710

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(710)

<223> n = A,T,C or G

<400> 4643

nnaacngaac	cttgcanttt	gacttccttt	acgcatncgc	angatcccat	cgattcccag	60
anatgcncac	cagccctgca	cggnaggttt	ttcctgaacc	tggtcatgg	atanagaanc	120
ncacgagggc	ataactgcct	gtccgngaaa	anccaagcta	nccnaccttg	gtcnnctttg	180
ntgtgnncn	nnntntgcna	agntgggtgaa	aaagaaagag	atccngacca	nagaacttct	240
nnanggatgg	acntgctnac	tggggaatgn	gncgcccncn	ntacttgac	antanattcg	300
aaanngtgna	ggntacacga	cattntgacc	cgctcaaatt	gcagggctcc	tnacgcnacg	360
cttctntagc	tttctacgtt	tentntcnc	cacngtngac	gcntttcccc	gggaagntct	420
aaataaatgn	gtcccntnta	nnntntcgat	tcnategcta	tacagncncc	tgaanaccng	480
aaaaaatttg	cnggnntgtg	gtgcacgtaa	anggccnctn	ncngggaaca	gttattgacc	540
tntncgatgg	aaancanggn	tttaaactgg	ntcnngnggg	aacntgaaca	nactaacctt	600
cnagtcatn	ttttttggtt	acggaanntn	taantgggct	nncttnanaa	tctctgatan	660
natggtagnn	gactncacga	ttaanctaca	atenttcttt	tngggggaat		710

<210> 4644

<211> 1315

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1315)

<223> n = A,T,C or G

<400> 4644

angngnnnt	ttttttnnnn	ttttttnnn	ccccnttnn	tctacnnnc	gtgggaaaaa	60
aaaatcccn	cnttttttg	ggggaaaaa	aaantcccc	cccccnmt	nncggnnncn	120
nnntttttt	tggggggnn	ngtnnaaaaa	nnngnnnnnn	nccccnnnn	nnnnnnnnnn	180
nnnnnttgn	nnnnancngn	nnagnnnnnn	nnntnttnn	nnnnnnnnnn	tnnnncnnnn	240
nnnannntt	ttgnngngn	nnnnnnnngg	ggggnnttt	ttttttttg	ggnnanggnn	300
nnnnnnnnn	annnnnnnn	nnnnnnnngg	nnnnnnnnnn	nnnnngnnnn	nngggggggg	360
gnnnnnnnng	ttttttnnn	nnnaannngn	nnngnnnnnn	ngnggggnnn	nnngnnnnnn	420
nannnnancn	nnnnnnnnnn	nnnnnnngnn	nnnnnnnnnn	nnanannnn	nnnnnnnnnn	480
nngcngggg	ggggggggg	ncnangcngt	naggggancc	acgagnngga	ggngtggggc	540
cannatgtcc	ttngancg	tctgcnagna	acnctncgag	gatgancnan	agnnccannn	600
anggnncng	ccagnntagc	ncagnnttct	nannnctaan	tgngcggatc	anggggnntn	660
tnccataatag	ngtgnnggct	aanannatgn	atggngnnac	tgatggngaa	acanntctna	720
ncgtantncc	angtagtgaa	tgctggntta	ntnnntttag	nggntnanta	gcannngcgg	780
nnaacnnann	gtggntcntn	nannnnantt	gnannngnn	gggnttcnnc	ntnngnagan	840
ngntntnagg	ngncnnnncc	ntaaagtcen	nnannangtg	tntaanctnn	ctnaancggg	900
tatannnnnn	ntnnnngggg	tnnnngnnntt	cnnnannngn	nngnnannnt	gnnnnnnagtn	960

tgngnntacg	annangtnna	nnancangnn	annnatgtgn	nntnngnnnn	annnanntn	1020
tctgaactcg	tacnnngana	ncnnnggttn	nngcctcaca	nngtatngta	ngctgnnagn	1080
gnantatann	ntaagnantn	ttcntnnncg	antnnntnnc	gtnaacgacg	atntnngtan	1140
ncncgnntaa	nngcntaann	gcanatangt	natagngaga	ttcctnagtn	gaccnaggnn	1200
atgatatnaa	ngntcangna	nnnanntnntn	nctntngact	anangagann	atgananatg	1260
gntnnctngt	gnnnagnatn	tgatntctcg	ntgctcncna	gnaggntaac	acacc	1315

<210> 4645

<211> 791

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(791)

<223> n = A,T,C or G

<400> 4645

ttgaaanncc	cnttagnnnt	tnnttnncnn	netctcaaaa	ccctttggca	actngctctn	60
tntgcaggga	tcccatcgat	tcgaattcgg	cacgaggctg	ccacaggggg	gcaatcttta	120
tttgtcttac	ttcctacccc	ttccctgttc	tgctctctta	actcagttaa	gttggtctgt	180
ttgggacctg	gaaaagaacc	caaagaaaac	ctgaccggac	aggttcattt	ctggaatgca	240
gaaaacattt	taaaggctag	atTTTTtagaa	tattctcaac	tagcattctt	tccattgatt	300
tgaaggggaa	attaactatt	ataatctctt	gaatccaaaa	ctggatatta	agaactttcc	360
cccttactaa	gtttaagact	tttgtcatgt	ggtgagtcaa	ataagaccat	tttgattgta	420
aaccataaaa	tagttcagca	agtagcccac	agttctggcc	taacagcaga	cttgctgntt	480
tcacttggtg	tcctggagtt	gggttgctaa	ccttaatttc	tatgatgttt	tctaaaatga	540
aacttgataa	agtagaccac	cagctgcacc	cgtgttttct	gnaaaagtat	tggtagtaag	600
tggccaagag	acttgaggaa	aataccagat	tttttggnta	ccttggnctt	ggtttaagtc	660
ttaaaaaatt	aaagataaca	ttataatgna	gaatcanatg	gggcatannc	cttggaaagc	720
ctnccttgaa	aaaggnttta	aatatttang	aagcctttaa	aagacactta	aatggaccct	780
naaagacanc	n					791

<210> 4646

<211> 791

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(791)

<223> n = A,T,C or G

<400> 4646

ttgaaanncc	cnttagnnnt	tnnttnncnn	netctcaaaa	ccctttggca	actngctctn	60
tntgcaggga	tcccatcgat	tcgaattcgg	cacgaggctg	ccacaggggg	gcaatcttta	120
tttgtcttac	ttcctacccc	ttccctgttc	tgctctctta	actcagttaa	gttggtctgt	180
ttgggacctg	gaaaagaacc	caaagaaaac	ctgaccggac	aggttcattt	ctggaatgca	240
gaaaacattt	taaaggctag	atTTTTtagaa	tattctcaac	tagcattctt	tccattgatt	300
tgaaggggaa	attaactatt	ataatctctt	gaatccaaaa	ctggatatta	agaactttcc	360
cccttactaa	gtttaagact	tttgtcatgt	ggtgagtcaa	ataagaccat	tttgattgta	420
aaccataaaa	tagttcagca	agtagcccac	agttctggcc	taacagcaga	cttgctgntt	480
tcacttggtg	tcctggagtt	gggttgctaa	ccttaatttc	tatgatgttt	tctaaaatga	540
aacttgataa	agtagaccac	cagctgcacc	cgtgttttct	gnaaaagtat	tggtagtaag	600
tggccaagag	acttgaggaa	aataccagat	tttttggnta	ccttggnctt	ggtttaagtc	660
ttaaaaaatt	aaagataaca	ttataatgna	gaatcanatg	gggcatannc	cttggaaagc	720
ctnccttgaa	aaaggnttta	aatatttang	aagcctttaa	aagacactta	aatggaccct	780
naaagacanc	n					791

<210> 4647

<211> 1427

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1427)
<223> n = A,T,C or G

<400> 4647
nntnttttng gaaaaaanttt tccccctttt ttactnntaa nacctccggc cattggccct 60
gggccagggg gttccgggga acnttcttta aggnangggg naatncccc ccgggggttt 120
aacccgggaa ggcccttcg gaaaatttnc cggccccctt taattaaggt gggaagnttn 180
tntttatttt aacaaaattt ncaacttggg gcccggtccg gtttttttaa caaaacgggt 240
ccggttgga cttgggggga aaaaaaaacc cccttgggcc ggtttacctt caaaaacttt 300
aaatcgcccc tttggcaagc caacaatccc ccctttttcg gcccaagcnt tgggcggtta 360
ataagccgaa agaanggnc cgggcaaccg gaatccggcc ctttcccaa caagtgttggc 420
gccaacctt gaaatnggcg gaaatnggaa cgccgcccc ttgtaagccg ggcgccaatt 480
naanccgccc ggccgggtg gttgggtngg gttaacgccc ccaagccggt nggaanccgg 540
ctttacaact ttggnccaag ccggccccct taaaccggnc ccggctttcc ttttttcggc 600
ntttttcttt tccccctttt cccttttttc tttcggnccc caacggnttt tcgggccccn 660
gggcnttttt tttccccccc gggttccaaa aaaangggnc cnttttttn ntttttttna 720
aaaaaaaaa aaaaaaaaaa aanatcnggg ggggggcctt tnccccctt ttttaagggg 780
gggttttccc ccgnaattt tnaaaatngg gccnttttt taaaccgggg ggaaaacccc 840
ntttnggga aaanccccc cccnaaaaa aaaaaaaacc tttttggga anttttaaag 900
gggggggttn ggnaaaatng ggggttttt cnaaacccgt ttaaaanttn gggggggccc 960
caaannttng ggcccccnt ttggaaatta aannaaaccn ggggnttttt ttttttccg 1020
gncccccnt ttttttgna aacccttttt tnggggaaaa tttccccaa ccgggttttc 1080
cnttttttn aaaaaaaagg gggggggaac cttnttttt gggttttccc cnaaaaaaac 1140
tttggggga aaaaanaaaa acaantttt taaaancccc cccntttnt ttttttttg 1200
gggggggggc cccnaaaat tttcccnttt ttttttngg gaaaattttt taaaaanaa 1260
aaaggggggg ggaatattt ttttttgnn ccccgnaaaa tntttttcn ngggggnc 1320
cnttaatttt nggggggntt ttnaaaaaa aaaaaaatt ggggggncc ttggggntt 1380
tttttaaaa cccnaaaaa aaaaaanttt ttttnaaac ccgccc 1427

<210> 4648
<211> 1505
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1505)
<223> n = A,T,C or G

<400> 4648
tttttnccca aaaaaaaaaa tttnggnccc cctttttttt ttttnaaaa aaaaaannnn 60
ngnccccenn ttttnnaggn nnnnnnnntt ttttnnnaa aaatnanmcc cccnntnan 120
nttttttttn cccttaaaaa aanagnaacc ntttnggggg caaaaaaat cccntccnan 180
aaaatttnaa tnccatacaa ttaaatnnag naanngnncn nnaangnnnn nnnaaannnn 240
nnnnnnaaaa tntannnang nnnnancnna naannggnnc ngnaaanngg ggacaccnng 300
nnnnntggn nnggntnnaa atgnccnnc cnnnaaggn ggntngtnn aaannnttn 360
gnaannncac attngnnna ncnanaaan gnnnnnttn acctnaacan tggggannnn 420
nnnnnnntnn naanacnca tnananaaan angantgcn caannnaann aagngnaaan 480
annnatnn acnnnaagca cnaacnncn ncnanaaaaa aaaccnngnn acacntgnta 540
ccactcangg ctngnacnt tatgngnca atngatgnn annggncgca ctacannnan 600
nngnccaag gnccacagan ccacnaatca nacntngtaa tntaatgcan cnnngncngc 660
aatannnaga ccacnttnnn natgacanng caaanacgn cannntanca annggaangt 720
agtnacagta acatanganc ctnaantaac ctatagcng gatnccagaa ctaaaatact 780
ntanctacat gnaacnttat naataagaan annggatnaa atannatagt aatgngntc 840
ttanatnata tctcaciaac ncgatcntag aaataaata atcgtagnan ttnttatatc 900
natanaanag attcatatan antnatatat ctatataatc antatataa caacatatag 960

nnntataaaa	anaaatacta	aaaantcaan	anntanatta	nactcnnaan	ngagggcaaa	1020
ataanncgna	gnanaatata	taagtnnnan	tcacatanat	nnanaaaaaan	atatacaata	1080
tanannaaaa	aananatang	aaaananaaa	anctaaatan	naacnnatan	atataaaaata	1140
tantcnnaaa	acaatatata	anatanaaat	cnanatntan	nganataaag	atnaaanana	1200
tnntntaanc	ntncnnacac	ataatntaan	ntaatnnana	aaantnanct	tanngntgan	1260
aanactanaa	anactnaaan	nnnatcaaat	atanggnmaa	naatatanaa	tatataacna	1320
atgngaaaca	ttcaaanact	annanatinna	naaananatc	ttaataanaa	atatananan	1380
ataanaataa	taagannta	aanactaaaa	cacctatntc	taaagtcact	anactcattng	1440
nnanacanat	ctataatnna	annataaaaa	aatatgnmnt	nnnanaataa	tattntatcn	1500
annnc						1505

<210> 4649
 <211> 759
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(759)
 <223> n = A,T,C or G

<400> 4649						
ttantcatcn	ctcttgtttg	antncntac	aactacttgt	tctttttgca	ggatccccatc	60
gattcgaatt	cggcacgagg	tgagccgagg	ttgcgccatt	gtactccagc	ctgggcaaca	120
agagcaaaac	tctgtttcaa	aaaaaaagaa	agaaagaaaa	ttacctggaa	ttcaatattg	180
ccatcggtcg	atttaattct	aatatgaana	aaggggcagt	gtgatgtgcc	atggagcatn	240
cacaacctgc	catttcaccc	accaacctta	gaaagccatt	gaaaagagtt	gtttttaatg	300
gtgtttttac	atccagcttc	ccacacctca	aatacttggg	gtggaattgt	taatctcaca	360
ttgcagtaca	atgaaaatag	tgggaatggaa	atcaagttat	aaaatggagc	taaatatttc	420
ttctgcttgc	ctctgagttg	acaagatacc	ataagatact	gtacatgagg	ctgggcgcgcg	480
gtggctcacg	tcttatttct	tctgcttgcc	tctgagttga	caagatacca	taagatactg	540
tcatgaggct	gggtgcagtg	gctcacgcct	gtaatcccag	cactttggga	gggtgaggtg	600
ggcagatcac	ctgaggctcg	gagttcaaaa	ccagcctgac	tgacatgnag	aaacccctc	660
ttttctaaaa	aatcaaaant	agcccaggcc	ttggtggtgc	atgcctataa	ttncagctac	720
tcnggaagct	tangcangga	aaaaaaaaaa	aaatttccn			759

<210> 4650
 <211> 917
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(917)
 <223> n = A,T,C or G

<400> 4650						
ccnctnnntt	tcccccttnn	nnggtgggna	aaanaaccnn	cttttttgaa	aaaaaacccc	60
cccctttttt	tggnaaaaaa	ccccccgttt	tacnanaaan	acnggncncg	agggggganc	120
ccccncncc	ngggnngggn	gngangcnnn	nactngncna	cncacggcn	naacacncaa	180
aaactnnggn	gnggattnta	ttgagnggna	aaagggacga	nggctgngca	nagmnagaga	240
aanngggcna	gcccggnaac	gacgganggg	naaaaatatg	gggggnnnaa	ngacaaaagg	300
aggccctgcy	cnaanccgaa	ccatnannan	nccccagtag	cccggcccna	ccnacgaacc	360
aanncctaac	agaanacaana	tgnggcnggg	anaaacagnn	naggnaaaca	aggattcgag	420
aggangaggg	gggaacaagc	antngtgggn	gangtnanan	aacangggga	ttttcnaatg	480
agaanaatgc	anggcngaen	natcncgctg	ggnatggagg	gnacttgenc	cgccagatcg	540
cataaaacgc	acgcaactgn	gccacaaaca	tacggangan	tgngcaannc	naaannngnn	600
gccccgantn	acctgaggag	gganctaang	ctttgggaaa	agaacaaaan	acctnggacn	660
ggacaagggg	gaaggatgaa	cangaagacc	cggaaacaag	aggaagggga	nncgccncta	720
aanntaaaca	catccaaang	cgnaaagggg	aanccttngg	ncnaannngag	gaaacctgna	780
ccctnacntc	caaaccncgn	ttttaagaaa	gggggaaaac	caaccnntga	agcnantncc	840

ccccnnnggg ggnaaannaa cnacctgggc ccaaannntt tgaangaacn gananggnaa
acnaagggna atggggg

900
917

<210> 4651
<211> 1282
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1282)
<223> n = A,T,C or G

<400> 4651
agnnnnnnnn nnttttttggga aaaaaccccc ctttttgggna aaaaaanggc 60
ccccgagggn nattttnaat ttaccccctt cntnnttgca aaaanccnctn ttttggggaa 120
aaaanccccc cacancgncn nnttttttgn gnnngnaaaaa aggnancccg nnnnnnangg 180
nanctannnn nnnnncncnn nggcnnanng nnnngngggg cnnngnnngn cnnnnnnaan 240
nnnnnnnggg gtttttttnan nncncnnnan cnannnnnnn nannnnnnnn ngnnnnngng 300
nncnagnncg ngggggggnn ncangnanaa nngggccnng nnnngngnang naanngnna 360
gngccaanna cnannaaggn nannaangga ccnnnnnana nnnanangcc ncccccccc 420
canaacaagn acccatgacn nnnaatgacn aggnccctagg naccanaaan ccaagccca 480
ngnananctg ncnagggcca ngaacaccag ccaaagaann gagcaccccn aaccacnagc 540
ncancnaggg aaancagggn caaaggncaa aggnaactaa ccaaanaacc cccantaagg 600
gccaaaaaag cctnggagcn gcgagnanaa nnaaaaangc ctaaggnggc cnangggcng 660
aaaaaagang cgnanaannc aaggggaccan aagagnaann naangnccca antcncannn 720
aannananag ngcnccccc accannaaga tcnnnaancn ggggnanna acnngancaa 780
tcgnncncnn nncncnannc ggnaacnaaa anaanaangc gnggaccaag nccnaaangc 840
angannanaa aanagntaca ngntcgnnca tnaaaacnna ancacngaa aancacacnn 900
caanncaanc ngnanannng gggagagnnc acnnaangn nanaaannac nacncaccac 960
anaaggngan cnacnggccn ggannnanac aananggcann aaaanngagn caccgcagna 1020
ancngcgana nngcgcnncn cnanaacggn agncnnaaaa gaaaganacn aannacangc 1080
anngaacnac gancnananc cccaaacnag gnnanacnca anacacntnn ngcaganana 1140
accacnnnag nacacncaca cgctacaagn gnatnanagc nantatagan antacanacn 1200
cnanacanac ngcatnannc acaacnatac ngacanacng canntgaaaa atnnggaann 1260
nanagaacgg agagnacaac cn 1282

<210> 4652
<211> 1282
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1282)
<223> n = A,T,C or G

<400> 4652
agnnnnnnnn nnttttttggga aaaaaccccc ctttttgggna aaaaaanggc 60
ccccgagggn nattttnaat ttaccccctt cntnnttgca aaaanccnctn ttttggggaa 120
aaaanccccc cacancgncn nnttttttgn gnnngnaaaaa aggnancccg nnnnnnangg 180
nanctannnn nnnnncncnn nggcnnanng nnnngngggg cnnngnnngn cnnnnnnaan 240
nnnnnnnggg gtttttttnan nncncnnnan cnannnnnnn nannnnnnnn ngnnnnngng 300
nncnagnncg ngggggggnn ncangnanaa nngggccnng nnnngngnang naanngnna 360
gngccaanna cnannaaggn nannaangga ccnnnnnana nnnanangcc ncccccccc 420
canaacaagn acccatgacn nnnaatgacn aggnccctagg naccanaaan ccaagccca 480
ngnananctg ncnagggcca ngaacaccag ccaaagaann gagcaccccn aaccacnagc 540
ncancnaggg aaancagggn caaaggncaa aggnaactaa ccaaanaacc cccantaagg 600
gccaaaaaag cctnggagcn gcgagnanaa nnaaaaangc ctaaggnggc cnangggcng 660
aaaaaagang cgnanaannc aaggggaccan aagagnaann naangnccca antcncannn 720
aannananag ngcnccccc accannaaga tcnnnaancn ggggnanna acnngancaa 780

tcgnncncnn	nncncnannc	ggnacnaaan	anaaaancgg	ggngaccaag	nccnaaangc	840
angannanaa	aanagntaca	ngntcgnnca	tnaaaacnan	ancacgngaa	aancaacnnc	900
caanncaanc	ngnanannng	gggagagnnc	acnnaannga	nanaaannac	nacncaccac	960
anaaggngan	cnacnggcn	ggannnanac	aananggcen	aaaanngagn	caccgcagna	1020
ancngcgana	nngcgcnnc	cnanaacgnn	agncnnaaaa	gaaaganacn	aannacangc	1080
anngacncac	gancnananc	cccaaacnag	gnnanacnca	anaacacntnn	ngcaganana	1140
accacnnnag	nacacncaca	cgctacaagn	gnatnanagc	nantatagan	antacanacn	1200
cnanacanac	ngcatnannc	acaacnatac	ngacanaacng	canntgaaaa	atnnggaann	1260
nanagaacgg	agagnacaac	cn				1282

<210> 4653
 <211> 1356
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1356)
 <223> n = A,T,C or G

<400> 4653						
tttggggaaa	aaaaaaaccc	ccccctttt	tgggggaaaa	aaaaanngnc	ccccngaaa	60
ggngnnnctt	ttttggnaaa	aaaaccccc	tnttttgtt	ttgcnaaaaa	aaaccncnt	120
tttggggnaa	aaattncncc	ccnannnncg	ncccnantnt	ttgnnngaen	nggaanangn	180
nnanannccc	nncnnnnnng	nnnnnnnann	nnnnnnanga	nnnanaanag	gnnnncannn	240
nannnnnaann	ananaatnnn	ntnnannnnn	nnnnnggggg	ggcnnatann	anannnanna	300
aaaaannnna	annaaaacca	nangggngna	ngngnaanan	acnnnanaan	aannannnna	360
nnnanangga	aaanannnna	nnaaannana	aganannnnn	nacaaanncn	naaannngna	420
acnannnnng	naaacanagn	aaanaggaan	nnanacnacn	caaaaaaaca	cngggacnaa	480
naacangana	gnatnnnaca	agncaanaca	acgaagaaga	cnnataaaca	ngcacaaaat	540
aancaangaa	agngnaangn	gnaaagnacn	anggnaanaa	ngaataacag	gaaaantnan	600
ataagacaaa	ntnngaatag	nnaacancaa	atcaanaang	naaggaacnn	nctanacaac	660
acccaanann	gaaancaaga	tanatactag	anntanggna	caanagnaaa	aannannnnn	720
cangctanga	gganngngnn	aaacgaaaa	nacaacaaaa	cgacaagaga	ncacaangan	780
gaataaangc	aananaacacn	aanacgaaan	caaaagaang	naccncncan	gaanaagaga	840
cnnnngaang	aancgaaana	nnaacgcnaa	cagacnannt	aaggacncac	ataangaanc	900
anagaaaanga	cgancnagan	aggggnaaan	anancnccag	nagctaacaa	aacagnaaaa	960
tanngcacnt	annagatnna	nnanangaaa	canacaangc	aagngcatnn	aaaganaaaag	1020
aataanaana	cannnannan	aggccnaaga	annnaaanac	naaaatanaa	aagnacatag	1080
acatanacca	nacagnnnnaa	aangaanagn	tacgnanaca	anaaaaanaa	atcacaaann	1140
ccnaaacgcn	acnactaaca	nacatatcaa	cngacannnn	nnnacagcaa	aacagannnn	1200
anganaaaanc	acnnaannaa	gagaatanna	canaccanga	atatgtanan	acannnaca	1260
gagacgnaat	agnnaacaga	natcacaaca	cacnnanata	tacgcnaatn	nncacgaann	1320
gatatgaann	acacannacn	cgtcacaatc	acance			1356

<210> 4654
 <211> 1356
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1356)
 <223> n = A,T,C or G

<400> 4654						
tttggggaaa	aaaaaaaccc	ccccctttt	tgggggaaaa	aaaaanngnc	ccccngaaa	60
ggngnnnctt	ttttggnaaa	aaaaccccc	tnttttgtt	ttgcnaaaaa	aaaccncnt	120
tttggggnaa	aaattncncc	ccnannnncg	ncccnantnt	ttgnnngaen	nggaanangn	180
nnanannccc	nncnnnnnng	nnnnnnnann	nnnnnnanga	nnnanaanag	gnnnncannn	240
nannnnnaann	ananaatnnn	ntnnannnnn	nnnnnggggg	ggcnnatann	anannnanna	300

aaaaannnna	annaaaacca	nangggngna	ngnnnaan	acnnnana	aannnnnna	360
nnnanangga	aaanannnaa	nnaaannana	aganannnnn	nacaaanncn	naaannngna	420
acnannnnng	naaacanagn	aaanaggaan	nnanacnacn	caaaaaaaca	cngggacnaa	480
naacangana	gnatnnnaca	agncaanaca	acgaagaaga	cnnataaaca	ngcacaaaat	540
aancaangaa	agngnaangn	gnaaagnacn	anggnaanaa	nngaatacag	gaaaantnan	600
ataaagacaa	ntnngaatag	nnaacancaa	atcaanaang	naaggacnnc	nctanacaac	660
acccaanann	gaaancaaga	tanatactag	anntanggna	caanagnaaa	aannnnnnnn	720
cangctanga	ggannngnng	aaacgaaaaa	nacaacaaaa	cgacaagaga	ncacaangan	780
gaataaangc	aananaacacn	aanacgaaan	caaaagaang	nacccnncan	gaanaagaga	840
cnnnnngaang	aancgaaana	nnaacgcnaa	cagacnannt	aaggacncac	ataangaanc	900
anagaaanga	cgancnagan	aggggnaaa	anancnccag	nagctaacaa	aacagnaaaa	960
tanngcacnt	annagatnna	nnanangaaa	canacaangc	aagngcatnn	aaaganaaag	1020
aataanaana	cannnnannan	agggcnaaga	ahnnaaanac	naaaatanaa	agnacatag	1080
acatanacca	nacagnnnna	aangaanagn	tacgnanaca	anaaaanaaa	atcacaann	1140
ccnaaacgcn	acnactaaca	nacatatcaa	cnngacannn	nnnacagcaa	aacagannnn	1200
anganaaanc	acnnaannaa	gagaatanna	canaccanga	atatgtanan	acannnacaa	1260
gagacgnaat	agnnaacaga	natcacaaca	cacnnanata	tacgcnaatn	nncacgaann	1320
gatatgaann	acacannacn	cgtcacatc	acance			1356

<210> 4655
 <211> 1326
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1326)
 <223> n = A,T,C or G

<400> 4655						
ttttggccna	aaaaaaaaann	ngggccccc	tttggggggc	cnaaaaaann	nnngggggccc	60
ccnnggnggn	gnnnnnntnt	ttnnnnngnt	tttccccnn	nnntcttttt	ctnggggnaaa	120
aancccccct	tnntttgggg	gaaaaaaann	cccccccn	nnngnnnnnt	ttttttgggg	180
ggnaaaaaaa	nnnncccccc	cnngnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	240
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	ngggggnttt	ttttttnnnn	nnnnnnnnnn	300
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnng	ggggnnnnnn	nnnnnnnnnn	nnnnnnnnnn	360
nnnnngnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	420
ggggggggng	gnnggngngn	ngcnnngn	annggngca	nnngngngnn	nannggngng	480
gnnnnnnnng	annnnnnncn	ngnngnnngn	nggnnnnggg	ncnannnnng	cnnnnnnggg	540
gggnannngn	nnnnnggnnn	nnannnnngg	ggannngggn	cgngngngnn	nnngganann	600
nnngnnngnan	ggannnnann	annnnnnnnng	gnancnnc	nnannnnnnn	nnngcgggga	660
ancnnncnnn	ngnnncnnng	acnnggggnn	gnnnnnnnnn	nnnnnnnnnn	aanggnnnnn	720
nnnnngnnnn	nnngannnnn	nnnnnnnnng	gncnnngncg	nnngaagnng	nnnnnnngnn	780
nnnnnnnnnn	nggggggggn	nnnnnnnnnn	nnnnnnngnan	cnnnnnnnnn	gnnnagnngc	840
nnngnnnnnn	ggnnnnngcnc	nnnnnnngnn	nannnngngg	nnnnnnnnnn	nnnnnnngng	900
gnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnngnn	nnnnnnnnnn	nanagnnnnn	960
nnngngnaaa	gnnnnnnnnn	nnnnnnnggn	gnnnncgngg	ngnnnnnnng	nnnnnnnnnn	1020
nnngnnnnnn	nnnnaggggn	nnnnngnnng	nnnnngngnn	nnnnnnngnn	nnnnngngnn	1080
nanngnnnan	nnnnngnnnn	nanncacnnn	nnnnnnnggn	ncgnnnngnn	ngnnngnnnn	1140
nnnnngngnn	nnnnnnnnnn	nnngnnnnng	nnnnnnnnnn	cgnnnnnnnn	nnnnnnngng	1200
ngnannnnnn	nnngggannn	nnnnnnnnnn	ngnnnnnnnn	nnnnnnnnnn	ngnannnnnn	1260
nangnnngnn	nnnnngnang	nnnnngnnnn	nnnnnnnnnn	nannnnnnnn	annnnnnanc	1320
gcgncc						1326

<210> 4656
 <211> 868
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1)...(868)

<223> n = A,T,C or G

<400> 4656

gnnnnnnnnnn	nnnnnnnnnn	ttttgggaaa	aacncccttt	gggnaaaaann	ncccgggggn	60
ntttgaaann	ccctcctccg	gaaanccctt	ttgggaaann	nnccccnngn	cngttgggan	120
ccnancgacc	cgaatncggc	acgagccgag	gaccagcgca	gcgaggagaa	ggctncagcg	180
ngaggccaac	aannagancg	agnagcagcn	gcagaaggac	aagcaggncn	accggggccac	240
gcaccgcngn	ngcngcnggg	ngnnggggga	acncgggnaa	agcaccanng	agaagcagat	300
gaggagcccg	cangtgaatg	gggnnaangg	agangagaag	gcaaccagan	nagagnggac	360
tncattctga	gngagangaa	cgngccngac	tntgacncac	ctcccgaagn	ctangagcat	420
gccaaaggcnc	tgngggagga	tgaaggagng	cgagcctgct	acgaacgcgc	caacgaggac	480
caagctgatn	gacngngccc	agngctncng	gacaagaacg	acggggagta	agcaggccga	540
cnangagccc	gagcgaacag	gacccgnnnc	gctgccatgn	cngactnccg	gaanccangg	600
ggaccaagan	ccaggnggac	aaaggcaact	gccacanggg	ncgacngggg	angggccagcg	660
cngaagaang	ccgcaagggg	gaacccaggn	gctnaaacgg	aaggggaact	ggcnancagn	720
nnnngngggg	gggccagcag	cnacnnacca	acanggggca	anccgggaag	ggaaaaccan	780
gancaacgcg	ccngnangga	aggnaccgga	accnngnana	agaagcaann	ngggaacaac	840
anganggggn	ngcanancca	tcncnncn				868

<210> 4657

<211> 1319

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1319)

<223> n = A,T,C or G

<400> 4657

cccnaaaaaa	aaanangncc	cctttttgggg	gtcaaaaaaa	atccccggccc	caattntttn	60
nnnnnttttt	tcaaaaanaa	aaaccccccc	tnacnttttt	tnccaaaaaa	aanccgccc	120
tttgggggga	aaaaaaaacc	ctccncnaaa	anncngnncn	tncaattcaa	naccnngagg	180
gnnatnnngc	cccnaaanna	nnccnnaang	ngnnncanta	gnnnnaaana	nnngannnnn	240
nnncnaatnn	nggngngccn	nnanacnnnn	nnnnnngnnc	nannaannan	acnnnaagg	300
gggaaantnc	ntnnnnnann	annaaagggn	gnnnnccaaa	annnnaanan	nnngnggnaa	360
nananannnn	gnagnacnng	aaaccncnan	antncnnnnn	naannacann	naccnannan	420
ancnnnnncan	nnnccnnnnn	naanannann	agnaaangnn	annaaancga	ganancnaaa	480
cnnnnanana	accacannnc	accagaacac	ancagnacag	ncaaancntc	acatananaa	540
angtgcanta	cnncnatatc	ccgacacann	ccnanagacn	aaatacaacn	gatnnacnca	600
nnanannacc	nancnaaaaa	acaancacaa	ancaangana	aaanaacann	naacgcacat	660
aanaagcaca	nanacnggcc	nacaanaccc	nacacaaacc	nnacngccaa	nnancnaaaa	720
ctaaaaacnga	atatcacnna	cacnnnnnaa	ctcncacaaa	aacnaccacc	ngnaaaaaacn	780
nnnngnaaaag	gngncancaa	atngaaaaaa	cnaaaaaaan	nnnaccangc	acannaaaac	840
nnntnnacna	tgacanacaa	anaaananac	nnntaaaaann	aacaannaca	acncnaacan	900
nttaaannca	aaannatanc	ccgcagcnaa	attaatangn	nanancntca	canannaaan	960
naacnaaccc	cantgtanan	aaaccncaat	ancaccacna	natanncaaa	ggtaangana	1020
aaccanaaaa	naccanatnt	naaacaagcg	ncaaacanaa	acnngaccca	tccaannatn	1080
cnaacacaaa	naaanatatn	catnaaacac	acacaanacc	acctcnnnaa	nnnacntacc	1140
ntanaaacat	ncaaaaanctn	natngacacn	nacaaaacag	caccanntca	anaccnaana	1200
nactacacag	agatacanag	acaanntnnn	nncnagaaaa	ccacacgacc	catnanacnn	1260
acctntcnca	cnacncnntc	nancgcggga	gnnaaaaaata	anacacanaa	acacacnca	1319

<210> 4658

<211> 1088

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1088)
 <223> n = A,T,C or G

```

<400> 4658
gaggnttttt tccaaaaaaa nccccagag ggnnnatttt tgcaaaaaac gccntttggt      60
tttacaaaaa nccgcttttt gggnaaaatt ttngggccng naaaaagnna tntntnggga      120
nnnanaanaa nnnnnaanng ganggganan naaannannn annnnnaann nannnnanag      180
anaanagggn gnnnangnna nntttttnnn nannganggg ggaannannn acnanngggg      240
nganannann nnnannnnnn annngggngg gnnnanannn aannangngg gnaganagan      300
nnannnnngn nananaccnn agnnnannna ganannnaaa naaannccnn annnananaa      360
gaaacanaag mnnaaaaanac aggaaaaaaa aaganaaant acngnaanta anacaaaaaa      420
aacaaaaacna ncatngnanc aggnananag tagcaanaac nganngaagg canaagagag      480
aaagncntga cnaaagagga ngagntnttt naactaagan agagannnac ngaantgnaa      540
acangaancn natganaaaa aaggntnnga canaagaaga angcnanaca nnaaaangan      600
ngaagnatga aagaaaaann naaagcntng gnanaaaaaa anagagatna anaaaaaatn      660
aaaagaanag aannaacnna atntcngnna ancncgagaa aaatgggnnaa gaaacangaa      720
naanatacaa gaacnaaaga nagnncggaa anaaganagg nanaaagaac nanatataa      780
nganaagnta nacanggata acangnagat ganaangagn acannanaga nanatgnang      840
ngacnanagg gagantaaaa anntaaggnna nnaaananan aagcnannga gannnnaccn      900
gnanacgggn annacataac anactnannn nanaaaatac nnnaaaggga gananaacgca      960
naatnnngca naannannan anaacgaaga atangaagng annncaggan agatagaaan      1020
anganntaga acngaaanna aantnnncaa ancaatnana aanagncann gnacatanaa      1080
aacaacnn                                     1088
  
```

<210> 4659
 <211> 1267
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1267)
 <223> n = A,T,C or G

```

<400> 4659
agggtttttt gcaaaaaaann cccccnttt ttggncnttt tttgcnaaaa aanncgcttt      60
ttggtttttt naaacacccc ccttttttgc nnaaaattat acgcncagtn annatgnnnn      120
ntatnnnnnn nnnnnnanaa nnnnnnnann aananaann ggngnnnnann annnnaanna      180
naannnnann ttttntann angnaaatan nnnnnnnann atttntttnn annnnnnnnn      240
naannntnnn tntnaaaann ggngngnana nnannacnna nnttnanatn nnaananann      300
nnnnnnnnnn tanngaggng annnnnnnna naannganng anaannnnna nnancanaat      360
nnnnaanant nnnngnanaa naantaanan nnacnaatca naannnaana nnnannnaan      420
nnannaataa nncaaaaaaa agccanann tatannnaaa cntcaatann cgtanaanaa      480
gaanatnacn natannaana naanactacc aaaactnaan annnnaatnc atatcnaana      540
taactannaa nngaatanata nancaganaa nnnagnanna atnntannan naaagcannn      600
ngnnaanacn tcaagcntag antanntaca aatacnnaaa atantaacnn nanananaaa      660
anaannnnnn naacatncna agannnnana acaanaann gnacaannan taacnannan      720
anaaananat ataaacanna ananannnaa taaataaant atanataang ngntcanata      780
tnnaagacaa ncnnaantaaa cntnnnancat nancgaacta taaatagaan nganatatga      840
nataaanatn nntanaacnc natatatanc nagtnanatn nanancacta nanatacnan      900
nanaaantcn tactanacan naacanctnn aactnanann antannnagn aacacncata      960
nancgannga atancnctna anntnnanna ctctgaanaa annacanata aataactata      1020
nangctagnn acantncacn tagtannnaa tatntanana ttcnctanat ananntntan      1080
atcactacgn acctcanacat anaaannaag tcttanagan aaatatcact caanaannna      1140
ngggncacta tntanncatn anncanaata nnnancata tannacanat aaantnnana      1200
tcnnaangat naaatntnan angacnanac anatangtnt atnnctaanc tgtaaataca      1260
ncacgaa                                     1267
  
```

<210> 4660
 <211> 1235
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1235)

<223> n = A,T,C or G

<400> 4660

gtttgaaatn	cctttggnat	ttctaagtct	tgntnancgn	cattnatatn	tgnggantng	60
nttggaantn	ngnacganga	tntnntaaag	catgtttana	agtnattana	atggacgggt	120
tgncnnntaa	ngattgggna	taantgggtg	naanantgga	ntgantngt	attgnttnga	180
tttgagttat	ctnattgaga	nctntannnn	ataaggagag	ttntattntn	ataaagntan	240
tagnanntan	nggacctta	tntatcttng	nnatgtntta	aannganata	atantntttn	300
naattttacn	attntagana	ttnatnggtg	aaactttatc	atatgntnna	aattnttann	360
ttnnnaatct	ntgcaaaaaa	ttantagntt	tantntatnc	atntcnantt	ttnttatttn	420
ttnctnntna	ttannnttan	tntgatntat	gnanttcnta	atttcnttta	tnatcnctnt	480
tactnatata	attttnannt	anaaanaagt	aatnnannat	ntttgaatat	atntntatca	540
naatatgnga	nattataatc	atttatnttn	natagtatan	ntnatgnatg	tagatatata	600
tctatagntg	ntntnntatt	ntttngatct	gtatagncat	cngnactaat	atantttgtg	660
atanagctat	tatggggant	atntaaaact	attgatgtna	aaaaaacata	nntttataag	720
antatanncn	nnacgttata	atagntctct	gtacctatta	ngcnattnga	ttanaanatt	780
nntcnngata	cctatntgta	tnncatnaca	tattatatng	gnganttatt	tnnttgata	840
taggattact	atnttatgat	anannntctt	tnatataatna	aatatnatan	tgagggntn	900
ctttntacag	ttgtannntna	aatatnagcg	ntnttaataa	natagagnga	tatatgacat	960
tnatttatat	atattaagan	tgtaagattn	natnaagnag	taatatcann	atatagtatc	1020
natnantgtc	ttncatggat	gntatggata	cttagtgntn	gtgaanttta	tnnttatata	1080
tanntntnat	tngtaaaaata	tactatantn	tatatatctg	atatatataa	ngaatgnatc	1140
tatnatnnac	nntataatat	cntgtacgat	taaaanattn	aatatatgtn	tatatntgaa	1200
tatgtataan	naantactg	tctattgnta	cagan			1235

<210> 4661

<211> 1235

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1235)

<223> n = A,T,C or G

<400> 4661

gtttgaaatn	cctttggnat	ttctaagtct	tgntnancgn	cattnatatn	tgnggantng	60
nttggaantn	ngnacganga	tntnntaaag	catgtttana	agtnattana	atggacgggt	120
tgncnnntaa	ngattgggna	taantgggtg	naanantgga	ntgantngt	attgnttnga	180
tttgagttat	ctnattgaga	nctntannnn	ataaggagag	ttntattntn	ataaagntan	240
tagnanntan	nggacctta	tntatcttng	nnatgtntta	aannganata	atantntttn	300
naattttacn	attntagana	ttnatnggtg	aaactttatc	atatgntnna	aattnttann	360
ttnnnaatct	ntgcaaaaaa	ttantagntt	tantntatnc	atntcnantt	ttnttatttn	420
ttnctnntna	ttannnttan	tntgatntat	gnanttcnta	atttcnttta	tnatcnctnt	480
tactnatata	attttnannt	anaaanaagt	aatnnannat	ntttgaatat	atntntatca	540
naatatgnga	nattataatc	atttatnttn	natagtatan	ntnatgnatg	tagatatata	600
tctatagntg	ntntnntatt	ntttngatct	gtatagncat	cngnactaat	atantttgtg	660
atanagctat	tatggggant	atntaaaact	attgatgtna	aaaaaacata	nntttataag	720
antatanncn	nnacgttata	atagntctct	gtacctatta	ngcnattnga	ttanaanatt	780
nntcnngata	cctatntgta	tnncatnaca	tattatatng	gnganttatt	tnnttgata	840
taggattact	atnttatgat	anannntctt	tnatataatna	aatatnatan	tgagggntn	900
ctttntacag	ttgtannntna	aatatnagcg	ntnttaataa	natagagnga	tatatgacat	960
tnatttatat	atattaagan	tgtaagattn	natnaagnag	taatatcann	atatagtatc	1020
natnantgtc	ttncatggat	gntatggata	cttagtgntn	gtgaanttta	tnnttatata	1080
tanntntnat	tngtaaaaata	tactatantn	tatatatctg	atatatataa	ngaatgnatc	1140
tatnatnnac	nntataatat	cntgtacgat	taaaanattn	aatatatgtn	tatatntgaa	1200

tatgtataan naanctactg tctattgnta cagan

1235

<210> 4662
<211> 750
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(750)
<223> n = A,T,C or G

<400> 4662
tntaatttna tncntannc cnttcaactn cttgttcttt ttgcaggatc ccatcgattc 60
gaattcggca cgagatgagc ccatgaactt ccccagaaac tcattgtctt ctatttccgt 120
aacagctcct aaccactagt cgggctttgc acacagcgac ttctccgtaa atgttgactg 180
cagggcagaa agaaaggcta aaagtcttta ggagaatgtt tgcctttgca tgtatatgct 240
ggcgatgcta ataagtccca gctagacctg gcagttagta agttcagggg tggcaattta 300
atthttcttg tattagttaa acaaacagta ggtgggatgg gtggttaagct taaatatctc 360
tgacgcgcca tttaaaccat ccatcccacc tgtgggttgt ctgcacctgc tctttgttg 420
cgggtgggtct cctaatttgc ttttcagtcc ctttcatctt atcattgttc tcaaaggcac 480
cgctctgcaa accacataaa ggcctttcaa cttncgctgc attttgtttt attcagccaa 540
ttgactagta ctgtcagcta attggattgg aaatgtaaaa tgaaagctgt attattcaac 600
tgccaacctc ctcaactggc anggagtggg tgatgctggt aattgaccan aagtgttaatt 660
gctctgggtc tgcctctgga tttacaatg aaccctggga gggctttctn tganacactt 720
gatactgct ttttttttt tcccnngggg 750

<210> 4663
<211> 808
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(808)
<223> n = A,T,C or G

<400> 4663
gttnnnnntt tgaatccctt ngctctngnc tttttgcagg atcccatcga ttgcgactaa 60
aaataggttt gttgtttaag aagacacctt ctgagtattc tcataggaga ctgcgtcaag 120
caatcgagat ttgggagctg aaccaaagcc tcttcaaaaa gcagagtgga ctgcatttaa 180
atthgatttc catcttaagt ttactcagat ataagagaag tctcattcgc ctttgtcttg 240
tacttctgtg ttcatthttt tttttttttg gctagagttt ccactatccc aataaagaat 300
tacagtacac atccccagaa tccataaatg tgttcctggc ccactctgta atagttcagt 360
agaattacca ttaattacat acagatttta cctatccaca atagtcagaa aacaacttgg 420
catttctata ctttacagga aaaaaaattc tgntgttcca ttttatgcag aagcatattt 480
tgctggtttg aaagattatg atgcatacag ttttctagca atthtctttg gttcttttta 540
cagcattgnc tttgctggac tcttgctgat ggctgctaga ttttaattta tttggttccc 600
tacttgataa tattaaggga ttctggattt cagggttttca tttggtttgc ttttggtttt 660
ttcctcatgt aaccattggg ggaanggatn caaggaattt gacacaaang gngggaataa 720
aacattaatt ttgngcccn nnnnaaaanan nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 780
nnnnnnnnna aacctcggnc cttntaaa 808

<210> 4664
<211> 1008
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1008)

<223> n = A,T,C or G

<400> 4664

ccgcncncnn	cnnngnnnnn	nannnnnnng	nnnnnnnnnt	ttnttttctn	annccnttca	60
gcnccttggt	catgatgcag	gatcccatcg	attcgaacnn	gcacnggtct	atcnctnngt	120
gaagcactac	ccngntacg	ggttncacca	tgcttgggca	gntnggccat	gggcccggtc	180
acgaacanaa	cgggcctgga	cgcttcgccc	ctggccgcag	atacctncta	ctaccagggg	240
gngnactccc	ggcccattat	gaactcctct	taagaagacg	acggcttcag	gcccggctaa	300
ctctggcacc	ccggatcnag	gacanntgan	gancaagngg	gggtcganac	ntnngggaga	360
cggagttgca	tagacgcang	gggagaagaa	attcataacn	ccccggncn	aacaccncna	420
aggacagcag	tcgttttnac	cccngtgcag	cccgttctcg	gtccnaacag	agggccacca	480
cagnatncnc	cacanttcta	tattanggag	gaanancggg	gaaagaatgt	anaattttga	540
anaataancc	tactggtggt	ccaaanaact	gnngccgacn	cncttgcntn	gtgnnaaagc	600
gnccntggca	ngattnctng	aaatttnntt	tggttggttg	ggnaggmncc	ccccntccca	660
tttgccncgn	ccggttgcca	aggggaaatt	tcctttcctt	tcacctcan	tatnaaaagg	720
ttttncctgg	gagntngaac	tttcgggggg	ttaaaaaanc	ccattgtggg	ngcccaataa	780
anccangacn	ccncttaggg	ggggaagncc	cntnccgggn	ganmtncgtg	tccanaacgn	840
gnnggncngt	atctttngtg	gggncttntt	tcnaaccnat	tttgggggga	ggangcnggg	900
nntaaccctt	ggcaaccncc	cggaacacatn	gggtgatgtg	nnaaaacatt	tncggatgca	960
naatatattg	gcncccgggg	ggngccnnan	tatatattgng	gannagcc		1008

<210> 4665

<211> 1690

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1690)

<223> n = A,T,C or G

<400> 4665

ccnccnnann	acnnngcnnn	nnaaannnaa	nnncnnnann	ngaaacnnn	nnannnnnna	60
ngcagngnn	ngnannnang	cgagnnancn	gaanangacg	cannnnannn	ngaangann	120
nnnnncngng	gngncntgna	nannnacaan	aggcngnana	cacnnngnng	anannggcnc	180
annnacacgn	ananannnac	canaacannn	cngetancan	naagannnca	cnnnanagca	240
nnncncagng	ngngggancc	gagngcgnga	cntnnnccna	ttttttggga	aaccgggttt	300
tgggccaaaa	acnggcttgg	ggnagannct	cacaaacgca	cnnaggagac	gagagagngn	360
agccgngncn	acgnttnacc	agctacagcg	aantcncnng	nncgccnagn	ngnaanacga	420
gacnnnagna	gnnacnacca	anannaccan	gggaaggggg	gggaaccnnn	cgncceanag	480
nccnnacacn	nantaaanan	ngagngnngt	aagacancca	ngnnncaaan	tgnaannnnn	540
anncaanacn	aaaanaancc	nnnnacctat	acnnagncac	aacaactnan	ancnnnagaan	600
annannntnt	cnannnnnaan	caaaaaagaa	tcnncaanta	nannagnanc	ganncgcgca	660
nanccncaan	gtannaanna	tantannaca	cgacgganac	atngnanacn	angcgnanan	720
acangnnnan	cncancanan	ancnangaag	atntntncga	gaacgcgctg	cngnatacac	780
ancngctnnn	gacngnnnaa	cnccagnann	angcntnang	acncacnnna	cacacncgcn	840
annncancng	cacagcgngg	atanacgaac	gnnncaagct	cnagnaana	aggtangcca	900
cangnagagn	anaccnnnna	cnagnnaaan	aagncacatc	accgatanat	nctcgannnc	960
naccagcnnn	nnncnagnga	cnncaccgcn	nnnancctctn	ncnacangnn	nangnaccnn	1020
ngcntncaca	cgnanaanaa	tctncccca	gaagcncggc	ncncgncacg	anacgcagag	1080
naccgncagn	atnantnacg	cgcaaanagc	gacanaangc	angnccaaga	tanagnngan	1140
agcggnatan	nagcacgtcn	acacagcgan	acnngaagan	cacgngnann	tnntnagana	1200
cannnnngnaa	nacagcctnt	gacgnaacac	agcannacat	cnnacagctc	ngacancacg	1260
anananggac	agnncngan	acacgngaac	nacncaannn	cacannagan	gagancannc	1320
tnannnagat	ganantanc	anncacgnga	tnncactata	tngannangn	ncgntgccgn	1380
ngnnancagc	agccngcacc	ancncctact	tgcntactnn	atncnatgag	caccaacgan	1440
ataagannac	cacnccctnn	ancgannana	tgaacacatn	canntaaann	gnagantnan	1500
tanacgacnn	ncncannnac	ngangtacag	nnnnntcacc	annngcgnnn	gatangctcn	1560
nntatactaa	cnnananana	gnnnnaacaa	cagaanaaan	cacnagacag	agaagcnnnc	1620
ncatgatnnc	ccactcacga	ncnnnnngagt	cngcngannn	tccnnnnctn	atcnnnagaa	1680
ntncntnnnc						1690

<210> 4666
 <211> 839
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(839)
 <223> n = A,T,C or G

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<400> 4666
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ggcacgaggg nangganncn ncangatctt gganggntcn cncctggncga gaccaaggaa      120
aagcnccggn cgatnggngn cccaatgcan ggtgatgggg atggcttnna nnctantgnt      180
gnnccnatat ccannatnan gctgggtgcat aangnantcn nnnccctaa nnnccgcngaa      240
nnntggncng atnttgntcn ngacnntgtg nnnttnnatg tnnacactgt nnttnnnaac      300
nntgttcggn ccnncnangc tgatnntgac ctggncaatg acctgctgtg gnantgctgg      360
nttactgnt, cangtgacta tattnatcca tacannacca attnaccttg ctcatatcat      420
ccntagnntt gnattgccac tctngattnn attgcantnc aangcnanc tttactann      480
ngggatnata aatnntccgc ccntttnttg nnaaaaaaat cttgnaaagg aanagcccnt      540
tacacttgta aggaaattnn ggccccaacc ttagcaaatg gcatanaaaa gggtggcngg      600
ncangtcena tanaaanctt nnangannat tgtcaaaaaca nntnnacctt tctggncatg      660
aatcattggn tggtgntnt agactncaa gagtntgggg nggntntttt tcaaaaannt      720
tttananaaga acntttgcnc ggaactgttc agngggcaat caactttttc ncggnaaggc      780
tttagactgc taaaatggan tttnttncct tataactgcc ancccaaadc tttatncct      839
  
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<210> 4667
 <211> 848
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(848)
 <223> n = A,T,C or G

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<400> 4667
gnnnnnnnnn nttntnaata tacagctctt gttctttttg caggacccat cgattcgctc      60
angcngngnc ctccttcccc agntttgntg cctgagtgga accagtgcnn acncacagnc      120
cggaaaaggc gcatctaacg cntnttnagg ctngggtaac tgcggacaag ttgctttnac      180
ctgatttgat gatacatntc attaagggtc cagttataaa tattttgcta atatttatta      240
agngactata tgaatgcanc tncattnacc agtaacttat nttaaatatg cctagtaaca      300
catatgtngn ataanttcta gaaacaaaca tntaataagn atataatccn gtgaaaatnt      360
gaggcttgat aatattaggt agtgacaatg aagcatggna gaagctgtna cagattacat      420
anagaataat gaggagatta tgatggaacc ttaatatata atgttgncag cgattntagt      480
tnaatattcg atactgnnat ctatctgctg tatatggaat acttttaatt caaacgctga      540
anacgaatca gcatttagtc ttgccaggna caccacaataa tcagncatgt gtaatatnca      600
caagtctgtn tctgtttttg gttatnttga tggtnngttt gtgnttttgc ttttaagttgc      660
atgagctttt tgcnggaaat antcactcat cccactccag ataaggggnt tagtcatnag      720
aaagtctgtc tggntgatga tggatacggg gccaatcttt ntcccctttc tggtaatatg      780
tcattacatt tctatgccnn nnnaggannn natccataac tttancttaa ngtnacatt      840
ggnattttt                                     natccataac tttancttaa ngtnacatt      848
  
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<210> 4668
 <211> 1690
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1)...(1690)
 <223> n = A,T,C or G

<400> 4668

cncccnann	acnngcnnn	nnaaannnaa	nnncnnnann	nngaaacnnn	nnannnnnna	60
nngcagngnn	ngnannnang	cgagnnancn	gaanangacg	cannnnannn	nngaangann	120
nnnncncgng	gnncntgna	nannnacaan	aggcngnana	cacnnngnng	anannggcnc	180
annnacacgn	ananannnac	canaacannn	cngctancan	naagannnca	cnnnanagca	240
nnnncacagng	ngngggancc	gagngcgnga	cntnnnccna	ttttttggga	aaccgggttt	300
tggggcaaaa	acngcttgg	ggnagannct	cacaaacgca	cnnaggagac	gagagagngn	360
agccgngncn	acgntnnacc	agctacagcg	aantcncnng	nncgccnagn	ngnaanacga	420
gacnnnagna	gnnacnacca	anannaccan	gggaaggggg	gggaaccnnn	cgnccaanag	480
nccnnacacn	nantaaanan	ngagngnngt	aagacancca	ngnnncaaan	tgnaannnnn	540
anncaanacn	aaaanaancc	nnnnacctat	acnnagncac	aacaactnan	ancnnagaan	600
annannntnt	cnannnnaan	caaaaaagaa	tcnncaannta	nannagnanc	ganncgcgca	660
nanccncaan	gtannaanna	tantannaca	cgacgganac	atngnanacn	angcgngnan	720
acangnnnan	cncancanan	ancnangaag	atntntncga	gaacgcgctg	cngnatacac	780
ancngctnnn	gacngnnnaa	cncagannnn	angcntnang	acncacnnna	cacacncgcn	840
annncancng	cacagcgngg	atanacgaac	gnnncaagct	cnagnaana	aggtangcca	900
cangnagagn	anaccnnnna	cnagnnaaan	aagncacatc	accgatanat	nctcgannnc	960
naccagcnnn	nnnncnagng	cnncccgcn	nnnancctcn	ncnacangnn	nangnaccnn	1020
ngcntncaca	cgnanaanaa	tctncnccca	gaagcncggc	ncncgncacg	anacgcagag	1080
naccgncagn	atnantnacg	cgcaaanagc	gacanaangc	angnccaaga	tanagnngan	1140
agcgnnatan	nagcacgtcn	acacagcgan	acnngaagan	cacgngnann	tnntnagana	1200
cannnnngnaa	nacagcctnt	gacgnaacac	agcannacat	cnnacagctc	ngacancacg	1260
anananggac	agncncngan	acacgngaac	nacncaannn	cacannagan	gagancannc	1320
tnannnagat	ganancctanc	anncacgnga	tnncactata	tngannangn	ncgntgccgn	1380
ngnnnancagc	agcncgacc	ancncctact	tgcntactnn	atncnatgag	caccaacgan	1440
ataagannac	cacnccctnn	ancgannana	tgaacacatn	canntaaann	gnagantnan	1500
tanacgacnn	ncncannnac	ngangtacag	nnnnntcacc	annngcgnnn	gatangctcn	1560
mntatactaa	cnnananana	gnnnnaacaa	cagaaanaan	cacnagacag	agaagcnnnc	1620
ncatgatnnc	ccactcacga	ncnnnnaggt	cngcngannn	tcnnnnnctn	atcnnacgaa	1680
ntncntnncn						1690

<210> 4669
 <211> 780
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(780)
 <223> n = A,T,C or G

<400> 4669

ttttcataca	gctcttggtc	tttttgccag	atccctcgat	tcgaattcgg	cacgaggtga	60
ggctctctta	aaaaatttaa	aaatactgaa	gaaacaaagg	gaggagtttg	tagaatctgg	120
agtggaggaa	acttctgtgt	caccaaacac	agaaaccatc	aaagaaaatc	tttcaattcc	180
aaaattagtc	tatagaaaaa	aaaaagaaaa	tcttaaccce	aataagagac	tgaggcaaga	240
gcttcaatca	atcgaggttt	actgagccag	agttggagcg	tgccaggaaa	gcaacacaag	300
tcaaagaaac	gtctgtggcc	tgtgctctcc	caagaagttt	tcaggaggct	caatatttgt	360
acatttcttt	aaaggggaga	agacagtggg	gcaaatgggt	atgtttttgt	gagactctta	420
attagtgtcc	cgtaaactta	agctatatgg	aagatagggg	gaacactgga	agaacaggga	480
gtaacagaag	accaattatg	cagaggtctc	agggttaggtg	gaggatgat	tgatctcatc	540
ttatccttgt	ctgcacctgg	gcagatnaac	tttgtaattg	acattgtcag	tgtgaaattt	600
acaagacttt	tggttttagg	agttagggtt	aggttgccag	acgtaaggtt	gcagttgaca	660
tgtntctgtt	ttataggagg	atntccatnc	tgaaagttta	gggactggcc	aanaattact	720
ggtgagcaat	ttgtgantgc	ggcncctggg	atcatgangc	tttttgccct	tttgnnggat	780

<210> 4670
 <211> 712

<212> DNA
 <213> Homo sapiens

<400> 4670
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 ctagtctcga gttttttttt tttttttttt atgatattac accatagggt ttattaacga 120
 taaatgtttg cattactttt aaaagcttag ctcttactaa gcattcttta acaaaagcta 180
 ataagcaaga aatcatttgc catacggaaa ctatattcac aaacaagact ttaatccaat 240
 attgaaagct aaagaattag aaaaaataca aaacactgct atgagtcaat tgaactgcta 300
 tcattgaatt tgctgcattt agaatgacat aaacatactg aacataaaaa caattttatg 360
 gatttattct ataagactag cattaagaat gacatacaat ttgtgatttc ctttaaaaaat 420
 aatttttttac aacagaatcc atttgaacaa aggggtctttt tttccctca tttgagggga 480
 agacaatcta tgtttcccaa acagatcctc ctttcatact aaaatagcaa actgtggcct 540
 cgatctcctc ttcccagatg ctacttatag atgactttgc ataataactt aattagaatt 600
 acttttctgg taacagtgtc acggccataa ataatcagtt tttaaaaaac aaacatcaag 660
 ggcaaatcta gaaaacttcc tttaaaggaa ttacccaaac ccagcacaca tg 712

<210> 4671
 <211> 782
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(782)
 <223> n = A,T,C or G

<400> 4671
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 ttcataattg aagaattaga aatgaagtc gttcagattc tccaaagaac ctccagccac 120
 tgggtggggga cattcttaat tcacattcct atcagttggt atctcctgtc cctgaagaca 180
 ctgatgaggc ttgggaggag aatcccacct ttccctgcag ggggttaggc tgggcagggc 240
 agggaggtga gggcgctggt ccagaacact ggcaaggat gggaacctaa cttcttctgt 300
 gcttctgatt tgcccttgca ggtgtttttc caggctctgac cacctggccc tgcacatgaa 360
 gaggcacctc tgaggagca gagaggtgga tctgtaggc taaaaggctt ccaggctgag 420
 agcccggccc gtggaaggag ggatgcatgc tttattaagg ctcttgtttc acctggcagt 480
 gtactgtatc aacgtataat acagaaaaaa aatctcttta aggtcctcct tcacaaagac 540
 atagagtga actcccttta catgtcagta tttgttcaac actttaggca acttgactgt 600
 cagtgttaaa atggaaaaca ggaaaatgga aaaatctgac caattctgcc ccttgagact 660
 ttcatataga ccttgacaaa caattgtata gatcacacac cggcttgat ttaatatgta 720
 acattttcnc acatnttaaa gatccagaag ttttaaaaaa ccccaatgt taatgtattt 780
 gc 782

<210> 4672
 <211> 782
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(782)
 <223> n = A,T,C or G

<400> 4672
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 ttccggcacga gaaaaaacct cctgggactg ttgcaaggat gaaatgaagg attgaggat 120
 tgagggattg ctgagctgga gctccagggt tcctatcttt ctcagtgggg tggcacggag 180
 cggggcgcgc tccctcttct ctccaggcag gtggggctgt ggttatgcga tagggctctc 240
 cttccctcca gccatgccca gaggagcttg taactcttta tctcatggt gccactacg 300
 agtcatactc ttcccatgct tgctcattct cctgggcccc atccactcag ccaaagcaga 360
 atgcagggtt tctgcctga caacccttct cacctcccaa gtcccacttt tgaacaagct 420

gatgattctg	aaactggccc	aatttcctaa	caagccggat	gcttgagaaa	cctacatttg	480
gacaatgaga	ggctgctcct	gcngcctgcg	ggccacctcc	tcttccttgg	ctcctgcttt	540
cttttttagac	tatatcaacc	tacaacttta	ctcggaaga	gggacagggg	tggacctgag	600
tttcgtctcc	tgtctctctg	gctgatgtca	cctggaataa	agccttcttn	cctggccaaa	660
naaaaaanacc	nnnnnnanaa	nntacttcna	gcctctanaa	ctatagttag	tcgtattacg	720
tnnaanccaa	cttgaataag	anacattgat	gaatttttga	ncaanccnca	actntgaatg	780
ct						782

<210> 4673

<211> 706

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(706).

<223> n = A,T,C or G

<400> 4673

gnntnaganc	aggctctgtt	ctttttgcag	gatccatcga	ttcggtttcg	gcantcgggg	60
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acttcaaagc	cncagctgtt	atgccanaty	gtcanmtnaa	agatatnacc	ctgtctgact	180
acaaaggaaa	atntgttng	nncttcnttt	accctcttga	cttnaccttt	gtgtgccccca	240
cggagatcat	tgntntcagt	gatagggcng	aanaatntaa	naaactcaac	tgccaagnga	300
tnngagcttc	tgtggattct	cacttggtgc	atctagcatg	ggtcantaca	cctaagaagc	360
aaggaggact	gggacctatg	aacattcctt	tggtntcaga	cccgaagcgc	accattgctc	420
angattatgg	ggtcttaaa	gctgatgaag	gcattctcgt	caggggcctt	tttatcattg	480
atgataagg	tattcttcgg	cagatcactg	naaatgacct	ccctgttggc	cgctctgtgg	540
atganacttt	gagactagt	caggccttcc	aggcactgac	naacatgggg	aagtgtgccc	600
agctggctgg	aaacctggca	gtgatccatn	aagcctgatg	tccaaannag	caaagaatat	660
ttntccaagc	ngaagtnagc	gctgggctgg	tttantgcc	ggctgc		706

<210> 4674

<211> 710

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(710)

<223> n = A,T,C or G

<400> 4674

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gtcatttatc	aggctctttg	gagggattgt	tagggttttt	ttaggttttag	aatcatattg	180
tgagtgaaca	gagataattt	gacttcctct	ttttctattt	agatgccttt	tgtttctttt	240
tcttgcccg	ttgctctggg	taggacttca	gtactatggt	gaatagaggt	ggtgagagtg	300
ggcatccttg	tcttggttct	aggggggatg	ctttcacctt	tgcccatcca	gtatgatatt	360
ggctgtgggt	ttgtcataga	tggctcttat	tattttgaga	ggtatgttcc	ttcattgcct	420
agtttgttga	ggatttttat	catgaaggga	tattggactt	tatcaaagtc	ttttctacat	480
gtattgagat	gatcatatgg	tttttgtttt	taattctgtt	tatgtgctaa	aactattccc	540
caaaatcaaa	gagaaaggat	ttctccttaa	cacattctac	gaaaccagta	tcattcctgat	600
ccaaaatctg	gcaaggacac	caaacancana	aaanaaaaaa	aaaaaactng	gcctttaaaa	660
actttngggg	ngccnnnttn	cgnaanatcc	nnnncttgat	nagatccntn		710

<210> 4675

<211> 782

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(782)
 <223> n = A,T,C or G

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<400> 4675
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gectggccgc ggacccctcc caccctgcc ttgccggccc ctgcacattt aggatatgct      180
cctgggtggg gactgggctg tgcccagggc ctctgtcccc caggatgtct tgtggtgcgg      240
gtcggccgtt ctgcccccca gggcaccccc tgtgttaggc actggctagg gaggggcagg      300
cctccttctt gccctcgag acactcttgg gagatgcatt ttccgtctgg ctcacagggg      360
gagggtgagg ctttgcaccc caccctgnc cangccactg tgatggtggg tgctgctgaa      420
ccccggggc agcaggagcc aggcangtga tgtctttgtc tcggctccca cagnagaacc      480
aggtgagggg gcgctgcca aggcanaaac catgtggggc aaactgaacc ctgttcnct      540
gtggcggcat gcccgatct tttacacact ggtgaccctn anaaaagatg taagatgnaa      600
cctggccggg gttnttnan cccgactttt aanttgnccn tncaaacctt tggcttgaac      660
ttgggtctgt ttacctaana aagtcaccaca aggtgcctta ttnntngggg tttnttttna      720
naancncnt tnnnnnggna nnnntttttn natttnnnnn aaaanatnnn aaannngnnt      780
tt
```

<210> 4676
 <211> 808
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(808)
 <223> n = A,T,C or G

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<400> 4676
gttnnnnntt tgaatccctt ngctctngnc tttttgcagg atcccatcga ttgcactaa      60
aaataggttt gttgtttaag aagacacctt ctgagtattc tcataggaga ctgcgtcaag      120
caatcgagat ttgggagctg aaccaaagcc tcttcaaaaa gcagagtgga ctgcatttaa      180
atttgatttc catcttaatg ttactcagat ataagagaag tctcattcgc ctttgtcttg      240
tacttctgtg ttcatTTTTT ttttttttgg gctagagttt ccactatccc aataaagaat      300
tacagtacac atccccagaa tccataaatg tgttctctgg ccactctgta atagttcagt      360
agaattacca ttaattacat acagatttta cctatccaca atagtcagaa aacaacttgg      420
catttctata ctttacagga aaaaaaattc tgntgttcca ttttatgcag aagcatattt      480
tgctggtttg aaagattatg atgcatacag ttttctagca attttctttg gttcttttta      540
cagcattgnc tttgctggac tcttgctgat ggctgctaga ttttaattta tttggttccc      600
tacttgataa tattaaggga ttctggattt caggttttca tttggtttgc ttttggtttt      660
ttcctcatgt aaccattggg ggaanggatn caaggaattt gacacaaang gngggaataa      720
aacattaatt ttgngcccn nnnaaaaaan nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn      780
nnnnnnnnna aacctcggnc cttntaaa
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<210> 4677
 <211> 708
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(708)
 <223> n = A,T,C or G

```
<400> 4677
gntctcatnn tgnnaggctc ttgttctttt tgcaggatcc catcgattcg aattcggcac      60
gaggtgcgac gaaggagtag gtgggtgggag ctcaccgtgg gtccgattag ctttttctct      120
gccttgcttg cttgagcttc agcgggaattc gaaatggctg gcggttaaggc tggaaaggac      180
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tccggaagg	ccaagacaaa	ggcggtttcc	cgctcgcaga	gagccggctt	gcagttccca	240
gtgggcccgt	ttcatcgaca	cctaaaatct	aggacgacca	gtcatggacg	tgtgggcccgt	300
actgccgctg	tgtacagcgc	agccatcctg	gagtacctca	ccgcanaggt	acttgaactg	360
gcaggaaatg	catcaaaaga	cttaaaggta	aagcgtatta	cccctcgtca	cttgcaactt	420
gctattcgtg	gagatgaaga	attggattct	ctcatcaagg	ctacaattgc	tgggtggtggn	480
gtcattccac	acatccacaa	atctctgatt	gggaagaaa	gacaacagaa	gactgtctaa	540
aggatgcctg	gattccttgt	tatctcanga	ctctaaatac	tctaacagct	gccagtgttg	600
gtgattccag	tggactgtat	ctctgtgaaa	aacacaattt	tgcctttttt	gtaattctat	660
ttgacaagtt	tggaagttaa	ttagctttcc	accaaccaa	tttctgct		708

<210> 4678
 <211> 808
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(808)
 <223> n = A,T,C or G

<400> 4678						
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aaataggttt	gttgtttaag	aagacacctt	ctgagtattc	tcataggaga	ctgcgtcaag	120
caatcgagat	ttgggagctg	aaccaaagcc	tcttcaaaaa	gcagagtgga	ctgcatttaa	180
atgtgatttc	catcttaatg	ttactcagat	ataagagaag	tctcattcgc	ctttgtcttg	240
tactttctgtg	ttcatttttt	tttttttttg	gctagagttt	ccactatccc	aataaagaat	300
tacagtacac	atccccagaa	tccataaatg	tgttcctggc	ccactctgta	atagttcagt	360
agaattacca	ttaattacat	acagatttta	cctatccaca	atagtcagaa	aacaacttgg	420
cattttctata	ctttacagga	aaaaaaattc	tgntgttcca	ttttatgcag	aagcatattt	480
tgctggtttg	aaagattatg	atgcatacag	ttttctagca	attttctttg	gttcttttta	540
cagcattgnc	tttgctggac	tcttgctgat	ggctgctaga	ttttaattta	tttggttccc	600
tacttgataa	tattaaggga	ttctggattt	caggttttca	tttggtttgc	ttttggtttt	660
ttcctcatgt	aaccattggg	ggaanggatn	caaggaattt	gacacaaaang	gnnggaataa	720
aacattaatt	ttnggcccn	nnnaaaanan	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	780
nnnnnnnnna	aacctcggn	ctntntaaa				808

<210> 4679
 <211> 880
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(880)
 <223> n = A,T,C or G

<400> 4679						
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tcaaggccta	cgaacagggt	atgcactacc	ccggctacgg	ttcccccatg	cctggcagct	120
tggccatggg	cccggtcacg	aacaaaacgg	gcctggacgc	ctcgcccttg	gccgcagata	180
cctcctacta	ccaggggggtg	tactcccggc	ccattatgaa	ctcctcttaa	gaagacgacg	240
gcttcangcc	cggctaactc	tggcaccccn	gacnaggag	aagtggagag	caagtggggg	300
tcgagacttt	ggggagacgg	tggtgcatag	acccaaggga	gaagaaatcc	ataacacccc	360
caccccaaca	cccncagac	agcagtcttn	ttaccgctg	cancggttcc	gtcccaaaca	420
gagggccaca	cagatacccc	acgttctata	taaggaggaa	aacgggaaag	aatataaagt	480
taaaaaaaag	cctccggttt	ncactactgn	gtagactcct	gcttcttcaa	gcacctgcag	540
attctgattt	ttttgntggt	ggtgntctcc	tccattgctt	gttgntgcag	gggaagtctt	600
tacttttaaaa	aaaaaaaaaa	attttgtgga	gttggtactc	gggggtnaaa	aacccatggt	660
tgttttttna	caagnaanca	agaagggggt	ggtacttatt	tggnnttaaa	aaaaaaaaaa	720
aaaaaaaaaa	aaaacntttg	nngncccttn	ttaaaaaact	tttttgnng	gaggttcggt	780
nattttaccg	ttaaaaattc	ccccaccct	tgggtttang	gaattnnan	tttggttgn	840

aaattttttg gnaccnaaan cccncccaac ctttgggaaa

880

<210> 4680

<211> 880

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(880)

<223> n = A,T,C or G

<400> 4680

ttatntttca	ttcanctctt	gttctttttg	caggatccct	cgattcgaat	tcggcacgag	60
tcaaggccta	cgaacaggtg	atgcactacc	ccggctacgg	ttcccccatg	cctggcagct	120
tggccatggg	ccgggtcacg	aacaaaacgg	gcctggacgc	ctcgcccctg	gccgcagata	180
cctcctacta	ccagggggtg	tactcccggc	ccattatgaa	ctcctcttaa	gaagacgacg	240
gcttcangcc	cggctaactc	tggcaccccn	gacnaggac	aagtggagag	caagtggggg	300
tcgagacttt	ggggagacgg	tggtgcatag	acccaaggga	gaagaaatcc	ataacacccc	360
cacccaaca	ccncaagac	agcagtcttn	ttaccgctg	cancggttcc	gtcccaaaca	420
gagggccaca	cagatacccc	acgttctata	taaggaggaa	aacgggaaag	aatataaagt	480
taaaaaaaag	cctccggttt	ncactactgn	gtagactcct	gcttcttcaa	gcacctgcag	540
attctgattt	ttttgntggt	ggtgntctcc	tccattgctt	gttgntgcag	gggaagtctt	600
tactttaaaa	aaaaaaaaaa	atthttgtga	gttggacttc	gggggtnaaa	aacctatggt	660
tgthtttnaa	caagnaanca	agaaggggtt	ggtacttatt	tggntttaa	aaaaaaaaaa	720
aaaaaaaaaa	aaaacntttg	nngncccttn	ttaaaaaact	tttttgnng	gaggttcggt	780
nattttaccg	ttaaaaattc	ccccaccct	tgggtttang	gaattnnan	tttgattgn	840
aaatthtttg	gnaccnaaan	cccncccaac	ctthttggaa			880

<210> 4681

<211> 880

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(880)

<223> n = A,T,C or G

<400> 4681

ttatntttca	ttcanctctt	gttctttttg	caggatccct	cgattcgaat	tcggcacgag	60
tcaaggccta	cgaacaggtg	atgcactacc	ccggctacgg	ttcccccatg	cctggcagct	120
tggccatggg	ccgggtcacg	aacaaaacgg	gcctggacgc	ctcgcccctg	gccgcagata	180
cctcctacta	ccagggggtg	tactcccggc	ccattatgaa	ctcctcttaa	gaagacgacg	240
gcttcangcc	cggctaactc	tggcaccccn	gacnaggac	aagtggagag	caagtggggg	300
tcgagacttt	ggggagacgg	tggtgcatag	acccaaggga	gaagaaatcc	ataacacccc	360
cacccaaca	ccncaagac	agcagtcttn	ttaccgctg	cancggttcc	gtcccaaaca	420
gagggccaca	cagatacccc	acgttctata	taaggaggaa	aacgggaaag	aatataaagt	480
taaaaaaaag	cctccggttt	ncactactgn	gtagactcct	gcttcttcaa	gcacctgcag	540
attctgattt	ttttgntggt	ggtgntctcc	tccattgctt	gttgntgcag	gggaagtctt	600
tactttaaaa	aaaaaaaaaa	atthttgtga	gttggacttc	gggggtnaaa	aacctatggt	660
tgthtttnaa	caagnaanca	agaaggggtt	ggtacttatt	tggntttaa	aaaaaaaaaa	720
aaaaaaaaaa	aaaacntttg	nngncccttn	ttaaaaaact	tttttgnng	gaggttcggt	780
nattttaccg	ttaaaaattc	ccccaccct	tgggtttang	gaattnnan	tttgattgn	840
aaatthtttg	gnaccnaaan	cccncccaac	ctthttggaa			880

<210> 4682

<211> 1690

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1690)
 <223> n = A,T,C or G

<400> 4682
 ccnccnnann acnnngcnnn nnaaannnaa nnnccnnann nngaaacnnn nnannnnnna 60
 nngcagngnn ngannnnang cgagnnancn gaanangacg cannnnnann nngaangann 120
 nnnncncgng gngncntgna nannnacaan aggcngnana cacnnngnng anannggcnc 180
 annnacacgn ananannnac canaacannn cngctancan naagannnca cnnnanagca 240
 nnnncagng ngngggancc gagngcgnga cntnnccna ttttttggga aaccgggttt 300
 tgggccaaaa acngccttg ggnagannct cacaacgca cnnaggagac gagagagngn 360
 agccgngncn acgntnnacc agctacagcg aantcncng nncgccnagn ngnaanacga 420
 gacnnnagna gnnacnacca anannaccan gggaaggggg gggaaccnnn cgnccaanag 480
 nccnnacacn nantaaanan ngagngngt aagacancca ngnnncaaan tgnnaannnn 540
 anncaanacn aaaaanaanc nnnnacctat acnnagnac aacaactnan ancnnagaan 600
 annannntnt cnannnnaan caaaaaagaa tcnncaanta nannagnanc ganncgcgca 660
 nanccncaan gtannaanna tantannaca cgacgganac atngnanacn angcganan 720
 acangnnnan cncancanan ancnnangaag atntntncca gaacgcgctg cngnatacac 780
 ancngctnnn gacngnnnaa cncagannn angcntnang acncacnnna cacacncgcn 840
 annncancng cacagcgngg atanacgaac gnnncaagct cnagnaanac aggtangcca 900
 cangnagagn anaccnnnna cnagnnaaan aagncacatc accgatanat nctcgannnc 960
 naccagcnnn nnncnagnga cnnacccgcn nnnanctctn ncnacangnn nangnaccnn 1020
 ngcntncaca cgnanaanaa tctncccca gaagcncggc nncgncacg anacgcagag 1080
 naccgncagn atnantnacy cgcaaanagc gacanaangc angnccaaga tanagnngan 1140
 agcgnnatan nagcacgtcn acacagcgan acnngaagan cacgngnann tnntnagana 1200
 cannnngnaa nacagcctnt gacgnaacac agcannacat cnnacagctc ngacancacg 1260
 anananggac agncncngan acacgngaac nacncaannn cacannagan gagancannc 1320
 tnannnagat ganantanc annacgnga tnnactata tngannagn ncgntgccgn 1380
 ngnnancagc agccngcacc ancncctact tgcntactnn atncnatgag caccaacgan 1440
 ataagannac cacncctnn ancgannana tgaacacatn canntaaann gnagantnan 1500
 tanacgacnn ncncannnac ngangtacag nnnntcacc annngcgnnn gatangctcn 1560
 nntatactaa cnnananana gnnnnaacaa cagaaanaan cacnagacag agaagcnnnc 1620
 ncatgatnnc ccactcacga ncnnnngagt cngcngannn tccnnnnctn atcnnagaa 1680
 ntncntnncn 1690

<210> 4683
 <211> 933
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(933)
 <223> n = A,T,C or G

<400> 4683
 gagnaggng ttctaantct ggctntcagc ccaanaacag ctctgttctt gcncangatc 60
 cgtcgtatgt tctccantgg accatccagc ctttttcna gccaggaaag cccggtntga 120
 gcanntgata tccangaatg ngngaggctg ncgngcaag gancacctna ggtcnggana 180
 tctnananca tcntggcncn atnntgaaac cctntngnna ctatgnannn tcnaaatca 240
 gctnnngnnn ctggngnacg cntgnagtgc cagcnccang gagngtgatg cagctgaacc 300
 cctgancgcc ggnatggtca agattgcnt gacgntnana tcnaaccatt ggnactccat 360
 cctggggcan gangaacnan anctntgact cacggtaatg taatcnnnag gtggntggat 420
 aaacttgagg ataaaggntt cgannatcaa nactggaggc aactttnnn ggntaaccct 480
 atntantanc tanaatatat ntggaaatcn mnnacanggc aatnggctan ancncnannc 540
 ccttggtaan acaccntan ttcntaggg gcacgcgtnn acggcangnn tnantcnnn 600
 taanaaacc ancgtanggt gntaagggt taccannan tcncgaanaa tcnacgccca 660
 cctngnatat tctnnggcn cttggggcaa ncaaaaatgn ntgaaaaacn tcttngaggn 720
 tccaatanan cccacnanat ttcnnaacta tntaagcac cnntaanntt ggnaaaaacn 780
 ccnaattngg naatcantat tangganggg ggacatccat ttttaaacn ttnganaatn 840

nncccnaaaa cnnatgctnt tctannngga agnnccaatn nggcataacn aaannntttt 900
 gnngnnannc ananatccnn tctctnnntc nnc 933

<210> 4684
 <211> 1383
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1383)
 <223> n = A,T,C or G

<400> 4684
 cccnnncnnn nnnncnaccn anccccnnnn nnacnancnc nanacngcna anaannanct 60
 nnccnannan cnnanangnn ncncaannc aancncnna anacnanncn nananncnnc 120
 anancnnaca nnnannanna nnannncnnn cntcnanaaa cacngacnnn nnnnnnnang 180
 nnnnaangna ggggnnnccn nnnnnnccnn ngagganncn nnnnggnagg annnggcccc 240
 gttttttcct gaaaanagnc cttgggggna acagggcnnan acantcanca aggagagana 300
 ggcnannana gggccttttn naacangcca nncacanan gaacnnnnn aattcnggaa 360
 aatangcgca cnaaccaggc anacnactcc ngcgcacgat cnccaaancn ntggggaanc 420
 acatcnncna caacnancnt nnncccnana agcctnangn ccacnacnaa ccccnncnaa 480
 ncganaacac ancccctana accnaacnca aanacanacc cacncnnang acaacngnnc 540
 anncnagcac cancnatncn nnnccggacc antnncngca naccaaagna caccagcnan 600
 ancgnnanc caaacacaca gataaacnnc nanagnntcc atngcataan cggaannngc 660
 accatnctnc naancaaann nncctnnna nccanananc acttancant aacaccanc 720
 nggtncgacn acaacngcan ngcnactaca tcncaaacac agccaacncg acncaaaacc 780
 acnacacagc ccgcgcacaa cccttaaccc tncaanacca ttancnagac ctaacncaaa 840
 cannncngac ggnccacann nncacnccna tagaccnag nncnncanac cggagnaaaa 900
 cnntcngggn tanananaac aancaccaac nataangcaa cngcnmagna cccnaccaca 960
 tncccnctc anannnacc nnacacgcga ancaccgagc aacannctgg gcnaatacnc 1020
 tgcacaccnn ccgcatagc gacaaanacn ttgcannngn nnnaaannc nncgagcanc 1080
 cccgncctnn naacacaaat ngcnaanncc agagcaacca cacancagga tcaacaacac 1140
 atanngggna ncngcnanag agggcaaaann gncacaaaac cnaaaacata ctctnmaaac 1200
 acacaaaggc cncgcacaaa anntnncacn nncananacn catcgacac caccannan 1260
 aaccnnnggg acgcgcncca ntnttccan ananagnann naccnccca ttacgagcga 1320
 taancctcaa aaaacnngga acantacccc gaacggcccc actcantntn ngnggatcaa 1380
 cgc 1383

<210> 4685
 <211> 773
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(773)
 <223> n = A,T,C or G

<400> 4685
 ctaatcnaa ncnngcntn tcgnnctnnc cgaanaaaan aggctnnngc gtgggtgggaa 60
 gcgtgcgggt ccgcagcaat ggcggcgctc acaattgccg cgggtactgg caattgggtt 120
 tcggcttttg cgctcggggt gactcttctc aaatgccttc tcatccccac ataccattcc 180
 acagattttg aagtacaccg aaactggctt gctatcactc acagtttgcc aatatcacag 240
 tggattattg aggcaacttc agagtggacg ttggattacc cccctttctt tgcattggtt 300
 gattatatcc tgcacatgt tgccaaatat ttgatcaag aaatgctgaa tgcataat 360
 ttgaattact ccagctcaag gaccttactt ttccagagat ttccgctcat ctttatggat 420
 gtactctttg tgatgctgt ccgtgagtcg tgtaaagcga ttgatggaaa aaaagtgggt 480
 aaagaactta cagaaaagcc aaaatttatt ctgtcgggat tacttctgtg gaacttcggg 540
 ttattaattg tggaccatat tcattttcag tacaatggct ttttatttgg attaatgcta 600
 ctctccattg cacgattatt tcagaaaagg catatggaag gagcatttcn ctttgctgnt 660

ctcctacatt tcaagcatat ctacctctat gtaagcacca gcttatggng tatatctgct	720
gcgacccctac tgggtcactg caagtaaacc agccttttgt ctgtgggaaa aat	773

<210> 4686
 <211> 784
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(784)
 <223> n = A,T,C or G

<400> 4686		
gntntttnta agcgannngc tacttgctct ttgcgcgagn cctatnttc naattcggca	60	
cgaggnngtc tcctgagcca gagtgtgctc agacagcagt ccagctggtg gaaagggact	120	
tatggagaga aaaagaaaag cgatgtagaa aaattgaaa gaggtacaga nacagctgga	180	
ttggttacag ctcggtgttt gccttatttt gaacagggtt tgaacagttg gccacctttg	240	
gttgctcaaa acttggtgat tggcacanga gtangttaca gtctgtttgc acatccnttt	300	
agggtgcngt tcactgtgta cagagaaacc tttaggctga acttaaaacg ngtnaggaga	360	
cagctttctg cttgatttaa cagtatcacg ggtgtgtgtt gngaggtang gaggtggggg	420	
cncttnantn cngtctncta ngntgtgtc aacntctggt gcagtatctg tgcnnnttgn	480	
atctnctgga ancctnate taacngactt ggntaccang nttnncnttt actnantggg	540	
tnnangggcc acccttnntc ttattnnngn tggcanaanc ntcccnttn ggtnnctnng	600	
naaactnttt atgtggctct ttgntgnnan aaganntggc ttttttnggt ntgnttaang	660	
gttnncnttt tgnnaaantt gctcttttgt nnntntgttn actaaacccc tttttntaa	720	
cccttttana nnnngntnaaa acnnttttaa tcnttccnat gnnnnnaann nttntngggt	780	
cnct	784	

<210> 4687
 <211> 751
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(751)
 <223> n = A,T,C or G

<400> 4687		
ggtatagatc attctacttg ttenttctnt atgcaggatc ccatcgattn gaattcggca	60	
cgagaccac ttaggtggcn ccaatgnnga cntncagann gnacagtncn ttnatnmatg	120	
gggnngtgat ngcntntata tcataaatct caagaggnc tgaganantc ttntgctggc	180	
anntcntgca nttgtngcca ttnaaaaccc tgctgatncn agtgtnatnt cctacgggaa	240	
tactggccag aagggtgtg ctnaagtag ctgctgccac tgnagccact ncaattgctg	300	
gccncttnan tcctggaacc tttactaacc atatccaggc ancntttcgn gagccanggc	360	
ttnttgnggt tactgaccn atggntnanc accagntct nactgangca tcttatnta	420	
acctnctac cattgtctct tntaacacag attctcctct gngctatgtg nacatngtca	480	
tatccatgca acagancgg gagctnactc agtgggtaan gatgtggngg atgctnnctc	540	
ggcaagtctc tcncatgccg tggcancatt ttccatgaan acccttggga gggnaatgcc	600	
tgatcttnna ctttnacana aaatcnttga ngnaaaattg cnaaatntan taaaccngnn	660	
tntcttgntt gngaaangcn natgaacnca ttggaangga attttcangg nnttaantgg	720	
ggnnttnntt anccctccnn nnanannnnn g	751	

<210> 4688
 <211> 1383
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1)...(1383)
 <223> n = A,T,C or G

<400> 4688
 cccnnnnnnnn nnnnccnccn anccccnnnn nnacnancnc nanacngcna anaannanct 60
 nncnannan cnnanangnn ncncannnc aancncnna anacnanncn nananncnnc 120
 anancnnaca nnnannanna nnnnnnnnn cntcnanaaa cacngacnnn nnnnnnnang 180
 nnnnaangna ggggnnnncnn nnnnnnccnn ngagganncn nnnnggnagg annnggcccc 240
 gttttttcct gaaaanagnc cttgggggna acagggcnan acantcanca aggagagana 300
 ggcannana gggccttttn naacangcca nccacanan gaacnnnnn aattcnggaa 360
 aatangcgca cnaaccaggc anacnactcc ngcgacgat cnccaaancn ntggggaanc 420
 acatcnncna caacnancnt nnnccnana agcctnangn ccacnacnaa ccccnncnaa 480
 ncganaacac anccctana accnaacna aanacanacc cacnncnnang acaacngnnc 540
 anncnagcac cancnatncn nnnccggacc antnncngca naccaaagna caccagcnan 600
 ancgnnancc caaacacaca gataaacnnc nanagnntcc atngcataan cggaannngc 660
 accatnctnc naancaaann nncctnna nccanancn acttancant aacaccanc 720
 nggtncgacn acaacngcan ngcnactaca tcncaaacc agccaacncg acncaaacc 780
 acnacacagc ccgcgccaaa cccttaaccc tncaanacca ttancnagac ctaacnnaa 840
 cannngnac ggnccann nncacnccna tagaccnag nncnncanac cggagnaaa 900
 cnntcnggn tanananaac aancaccaac nataangcaa cngcnagna cccnaccaca 960
 tnnccnctc anannnacc nnacacgcga ancaccgagc aacannctgg gcnaatacnc 1020
 tgacacacnn ccgcatagc gacaaanacn ttgcanngn nnnaaannc nncgagcanc 1080
 cccgncctnn naacacaaat ngcnaanncc agagcaacca cacancagga tcaacaacac 1140
 atannggna ncngcnanag agggcaaan gncacaaaac cnaaaacata ctctnnaaac 1200
 acacaaaggc cnccgacaaa anntnncacn nncanancn catcgacac caccannaan 1260
 aaccnnnggg acgcnccca ntnnttccan ananagnann naccnccca ttacgagcga 1320
 taancctcaa aaaacnngga acantacccc gaacggcccc actcantntn ngnggatcaa 1380
 cgc 1383

<210> 4689
 <211> 763
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(763)
 <223> n = A,T,C or G

<400> 4689
 ctngttcttt tttcaggatc ccatcgatgc gaattcggca cgaggatcag atggtttaac 60
 tnttnggca gnnccgagaa anctntgatg atngangaca nntttttaag aaagcaagaa 120
 anaaagatac tatggggtca agtgaactc catggaaatg ccacgtntgc tcttcagtga 180
 anaagctggn tnanagtnnc acngaaaact tttgactgta tntatttatt gntgcaaaaa 240
 agacgctttt atattgcngc cctcatttgt cacctaagna tnncttctta taaaatccag 300
 ccccgatnc atataancat ctgtanctna tcatgattcc tgntgnaaaa gtcancnagc 360
 acctntagan gncctttctt nctatgaaag gagctgctat gncacatgtg cacacnccgc 420
 acaactgggn atnaacaatg agtttattgn ncntgggtga ccaaaattaa gcttgcntaa 480
 gggttgngct aantggacct ggactacaga ctctgacgcc ttgaatataa cagtacaatt 540
 tggcnatctt tctgaancag gctaaactga gtaaaatctn tttgaaggng tcctnggtgt 600
 gaacatttgc cnngaagcta attagnnct ntngnattt naaattcaac ctntggngtg 660
 gaatatgaaa ccnanntnaa acggagataa cttttctcc ccncanaaan tnaacnttgn 720
 gntcctntaa ccnttttagg ggatncnaaa ncnttnnnnc cnc 763

<210> 4690
 <211> 805
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1)...(805)

<223> n = A,T,C or G

<400> 4690

gnnnnnnntt	tgananccat	cnntttaaat	ncattttgct	actngttctt	tttgaggat	60
cccacgatt	cgatcagtat	gaactcttaa	aacatgcaga	agcaactcta	ggaagtggga	120
atctgagaca	agctgttatg	ttgcctgagg	gagaggatct	caatgaatgg	attgctgnga	180
acactgtgga	tttctttaac	cagatcaaca	tggtatatgg	aactattaca	gaattctgca	240
ctgaagcaag	ctgtccagtc	atgtntgcag	gtccnagata	tgaatatcac	tgggcagatg	300
gactaatatt	aaaaagccaa	tcaaatgttn	tgacccaaaa	tacattgact	atttgatgac	360
ttgggttcaa	gatcagcttg	atgatgaaac	tctttttcct	tctaagatng	gtgtcccat	420
tcccaaaaac	tttatgtctg	tggaagac	tattctaaag	cgtctgttca	gggtttatgc	480
ccatatttat	caccagcact	ttgattctgt	gatgcagctg	caagaggagg	cccacctcaa	540
cacctccttt	aagcacttta	ttttctttgt	tcaggagttt	aatctgattg	ataggcgtga	600
gctggcacct	cttcaagaat	taatagagaa	acttgatca	aaagacagat	aaatgttttt	660
tntanaacac	agttaccccc	ttgcttcatc	tattgctaga	actatctcat	tgctatctgg	720
tatagactag	tggaacaaac	ttttaagaaa	acagggataa	aaaagaaacc	cattggctgt	780
ggctactgat	aaaaatatnc	ccaan				805

<210> 4691

<211> 1197

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1197)

<223> n = A,T,C or G

<400> 4691

aggggtttac	actnctaaaa	ttnttgagct	nncngtgggc	gnaaaggggg	cncccttaaa	60
naanttaagg	ccncctnaa	aaanaatcag	ggannattnt	gggggggctt	tgnggggggg	120
gtcatctatc	nnnacacct	aantntatta	cncatagata	ctcaattnc	ntctctagna	180
natnnnngga	tcttntecg	ctntnnancc	nctcctacta	ttactnctna	aacgtncenn	240
catantctnt	ntacacatat	atctnanata	ctatacatat	antntcatan	tnntactact	300
ctnatntctc	ntctacatct	ctanttatnn	ntcnnctnct	ntctnctnct	tantctcata	360
tctnnacgac	nnactatttt	tnctccnntt	cctnctntcn	cnntnttanc	cccnatnann	420
atctntcacc	ntnnattttc	naatactcta	tctattant	aactatctnc	tnnttcnnnc	480
nnntnnnnct	atnnnncttc	tananaactcn	tcnctnnnc	tnntnnnnnn	taantcnntn	540
cnntctctnn	tnnnnnntnn	tgnnnancct	nactaanntc	ntcnnctnct	ntnattanna	600
nattnttaca	ntctntccct	ncanctnnnn	nattntatan	tcttnttnc	nttccantnt	660
anatnttntn	nctancnntc	nntaattcaa	nattnatntc	atctntcnnt	nttnancaat	720
nacaatnacc	nccanntcac	ctaantttna	tcncatacna	cnccnnnctn	tanccnnata	780
tnactnctnc	anttcnntnt	natctctnnt	tnacacactc	cnnggantat	actnntnaca	840
cttcttatat	nntntacntg	tnatacactc	ttnacntana	tatnnatcan	actnatanaa	900
agcatactat	catcttacct	nctntnatat	accatncacc	aatcacttan	tntatncatc	960
tcannacanc	tccacatatn	actcatcnct	aatatgtctc	tataatnntn	catctactca	1020
ntcacnnnna	ctctntagat	atatnctata	ctncancnta	tatntatcna	ttcatctaca	1080
nantancnctn	catctnttgn	nctatacnat	aattgtntct	catatntntt	tctcctacan	1140
nctttatctc	gatnnntatc	ntgtancnctn	nntntatcta	natatnacat	atcacat	1197

<210> 4692

<211> 1050

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1050)

<223> n = A,T,C or G

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<400> 4692
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cnnagaacac atacaganan anacancnaa gngnctaggt ttttcacctt tttnacacnn      120
aaancancac gnnccgagtn ncgcagaacc ngcgcnnnca gcnncnngan ncgcnnangn      180
nccncgangg ctagagcccn nnnngnnaga ggcancaacn aaccatcacc anngccaann      240
cncatncnan tcngananga ganagcaaca ccctgnatnc naacaagaac ccanaantan      300
aanccannaa gtnanaaann aganccatca nncgaanacc catntnaccn ccccanagnn      360
cnnnnanctn anagnccagn accnnacnnc caancccnnc cgacnaaacn acccnctaca      420
nncgaatncg naanntccan gaccanctca nncntctcn annngcnctc nnncanntnn      480
accnnaant gccanncnan tcccananc nncctncca aacntnanc ccaacccata      540
gccanccaag aaccnncaaa cncctnccgnc anntcgatnc ncatcnccac cncctgcgnat      600
acgnntnanc acntcaccaa ncacgcaaaa accnnannnn nncanaccga cnggacancc      660
tcnctacgcc nangnaatcn nccnccact cactcacctn nnctacntac atnagtnaaa      720
nanccctcat ctagaccaga acncnacta tctacnactn annctnnana gacacagnca      780
caatcntnan actnacacga tcncanacac cccaactccc ncagcaaang ctnnncnatca      840
ncnactcatn cnactctnta ctaaagctcn nnntcacagn gcgnaccana annngcnata      900
nacatncacn naaanacgna ccnncgatnt ctncactann acncaagtnt cnnntcnntn      960
nncactcaan cacnctanga nnnnatgcgj tactcgnaga aatctcngcc catagncnca     1020
cacannancc ccctacgcac anntcncccc                                     1050

```

<210> 4693

<211> 776

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (776)

<223> n = A,T,C or G

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<400> 4693
caaacngctg gctacttggt ctttttgcag gatcccatcg attcgaattc ggacagaggc      60
taagtattct aggatctaca gttatggtca ttcattgctcc aaaggaagag gagattgaga      120
ctttaaatga aatgtctcac aagctagggt atccagggtt tgtggtcttt gcaacccttg      180
tggtcattgt ggccttgata ttaatcttcg tggtgggtcc tcgccatgga cagacaaaaca      240
ttcttggtga cataacaatc tgctctgtaa tcggcgcggt ttcagtctcc tgtgtgaagg      300
gcctgggcat tgctatcaag gagctgtttg caggggaagcc tgtgctgcgg catcccctgg      360
cttggtattct gctgctgagc ctcacgtctc gtgtgagcac acagattaat tacctaaata      420
gggccctgga tatattcaac acttccattg tgactccaat atattatgta ttctttacaa      480
catcagtttt aacttggtca gctattcttt ttaaggagtg gcaagatatg cctgttgacg      540
atgtcattgg tactttgagt ggcttcttta caatcattgt ggggatattc ttgttgcatg      600
cctttaaaga cgtcagcttt agtctagcaa gtctgcctgt gtcttttcga aaagacgaga      660
aagcaatgaa tggcaatctc tctaataatg atgaagttct taataataat gaagaaagct      720
taacctgtgg aatcgaacaa cacactgggtg aaaatgtctc cgaagaaatg gaaatt       776

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<210> 4694

<211> 768

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (768)

<223> n = A,T,C or G

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<400> 4694
ntnncatac agctacttgt tctttttgca ggatcccatc gattcgaatt cggcacgagc      60
acattttcct gttttcttcc aagccctcca cagtgttcca acctctgccg gttacccatt      120
tccaaagtca cttccacatt ttccgggtatc cttatagcag caccacctc taccagtacc      180
aatttactgt attagtccat tctcatgctg ctataaagaa ctgctcaaga ctgggtaaat      240
tataaaggaa ggaggttttaa ttgaccacag ttctnagggt tcgcaaggcc tcangaaacc      300

```

tacaattatg	gtggaagggg	aagcaaatgc	cctacttcac	atggtggcag	gaaggagaag	360
aatgagaacc	aatgagggg	gangcccctt	ataaaacccat	cagatcttgt	gagaacttac	420
tatcatgaga	atagcatggg	ggaaactgcc	ctgtgattca	attacttcca	ctaggtcact	480
cccaccatac	atggagatta	taggaactac	aatttacgat	gagatttggg	tgggaacaca	540
gccaaacccat	atcaagtatt	aacagnagaa	ttaaccangc	tgaggaanga	ctctcagagc	600
tcaaagactg	gttnttcaaa	atacagttnn	nccaaaatnn	aaaannaaaa	aaaaactcgg	660
cctntaaaac	tatantgagt	cgtattcgta	gatccagaca	tgataagata	cattgatgag	720
tttggacaaa	ccacactaga	tgcagggaaa	aaatgttttt	ttgtgaaa		768

<210> 4695

<211> 768

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(768)

<223> n = A,T,C or G

<400> 4695

ntnncnatac	agctacttgt	tctttttgca	ggatcccac	gattcgaatt	cggcacgagc	60
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tccaaagtca	cttccacatt	ttcgggtatc	cttatagcag	cacccactc	taccagtacc	180
aattttactgt	attagtccat	tctcatgctg	ctataaagaa	ctgctcaaga	ctgggtaa	240
tataaaggaa	ggaggtttaa	ttgaccacag	ttctnagggt	tcgcaaggcc	tcangaaacc	300
tacaattatg	gtggaagggg	aagcaaatgc	cctacttcac	atggtggcag	gaaggagaag	360
aatgagaacc	aatgagggg	gangcccctt	ataaaacccat	cagatcttgt	gagaacttac	420
tatcatgaga	atagcatggg	ggaaactgcc	ctgtgattca	attacttcca	ctaggtcact	480
cccaccatac	atggagatta	taggaactac	aatttacgat	gagatttggg	tgggaacaca	540
gccaaacccat	atcaagtatt	aacagnagaa	ttaaccangc	tgaggaanga	ctctcagagc	600
tcaaagactg	gttnttcaaa	atacagttnn	nccaaaatnn	aaaannaaaa	aaaaactcgg	660
cctntaaaac	tatantgagt	cgtattcgta	gatccagaca	tgataagata	cattgatgag	720
tttggacaaa	ccacactaga	tgcagggaaa	aaatgttttt	ttgtgaaa		768

<210> 4696

<211> 764

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(764)

<223> n = A,T,C or G

<400> 4696

ntantaaatc	ccttgctctt	gttctttntg	caggatccca	tcgattcgaa	tncggcacga	60
ggacccggcg	gcgcggacag	gcttgctgct	tctcctcct	nngactcacc	attncaganc	120
agaanntgaa	aaaatggng	anctcaccca	ggtaanggat	gatgaagtnt	tnatggctnn	180
tgatactat	gcannanttn	tncttntgna	aatgatgcnt	atgagtactg	taanngnntt	240
ctatnccattg	ncaagaangg	ntnttgncaa	tncatangac	tgtgtagcat	tcggcanagg	300
agaaaatgnc	aagaactatc	ttcgaacaga	tgacanagtg	taacgggtac	gcagagncca	360
cctgaatgac	cttgaaaata	tnattccatt	ncttgnaatt	ggcatnctgt	attccttgag	420
tggtcccgcac	ccctctacag	cnntcctgta	ctttagacta	tntgtcggag	cncggntcta	480
ccacaccatg	tgcataattg	acaccccttt	cnnatccaaa	tatagctatg	actttttttn	540
gtaggatatg	gannactctt	tccatggctt	acacgntgcn	gtaaagtaaa	ttggccctgt	600
gcagaaaaac	attccactca	gtnttccaan	tggcttntta	aggaattctn	gaccttgcaa	660
ttnatantgg	agnnctttcc	ttaagattta	aaggtttgan	ggngagccnn	aggaattntn	720
aaccnnggggt	aaaccctttt	tggaaatttn	agcnnatgna	anaa		764

<210> 4697

<211> 744

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(744)
<223> n = A,T,C or G

<400> 4697
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gcggggcggc gcagcccgag ctcccgacc cggaagaagc gccatctccc gcctccacca 120
tggagcccac cgcaccgtcc ctcaccgagg aggacctcac tgaagtgaag aaggacgtga 180
gtaacgcagc tgtgccaggg gcgggcgggg gcgggctgca gccagcgagg agacgaaagc 240
ggaagcctgg agtccgagga caaggaggat cctccaggtc ggaggagcgg aaagtccctag 300
cacaggagga ctgtggcgag ccctgcatcc gagggacctt ggtggcagtg atcctccagt 360
gatctgtcaa tccaggtttt acatcgctaa acgcagagct tgggctttgt tgccaagtgg 420
tgttttgatt cttgcccaact cctcaccatc ctctcatgc tttccccca actgggttct 480
tggagatgct tcgttaggga ctggcggtc ttaagttagg ctgcctaggc 540
tgctcactca gcctagagcg aagctgtacc aggtgaagga tccaagcag tggacaaaa 600
atgtgaaact cttttgcata anggggcttg aggaagctca acagctgaaa gcacaacctg 660
gaattcccct agtnagcaga cgccacata tttaaattgg ggttggggga atgaatacnc 720
gtactgagaa taatgtncag gtaa 744

<210> 4698
<211> 1224
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1224)
<223> n = A,T,C or G

<400> 4698
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atcgtttcga atncggcncg agacgacacg cttctgcagg tgaanggcac gcggcgccca 120
cggttncttn nagctgngnc gtatgaagct ggatggngc nntgnggana angtagngct 180
tgatntgcta ataagaaatt tcttgaaaa gagactagct ctcaacgcat ccncngngc 240
ggncggcttc cnngcncncn gacaannanc tcgncaggng ccngnatncg gancantnct 300
cncanaacaa gggcgctggc gccagaata gacaangngc ggcattggcca acnaanacgg 360
tggcctncgn ctggcaanga angtgaagaa ggngtgcann ncnaagnnta nccaaantgn 420
cctatgncn naatgttgag ctctntnaaa attcnntanc ttntnnnan tgnnnaanta 480
nncacanca ggttttcatt nnacncanta ntantnctt nnanganct nncattagn 540
ccatntcnt tacattnaat tccaatncng tnntggnttg nncgccact tgcnttctnt 600
annectgcnn ncttcnncn cgcantnnn ngactgtnat cnttngtnnc tactcttnt 660
gcattncntn cntatcaacc ccaattgcc nntnnaatta ancganttc tctcattcg 720
ncatncttc nctantattt actcgnntct acnanttnc ccaccgtntt tannngctnt 780
ntntntntaa cccnctctn anctccnaca tacgnatnt tttacacacc tncttnttc 840
nctcnggcta tanngacccc ntacattatc tcatctcanc tctnatacnt gtcncttat 900
cngngtatn ctnttctatc gcgnncnnc nnaaggcctc acatnttnng nctcancnt 960
nnatnnantc tacacacttc tcnntcatan tgtctcaaaa actngnanct actcttnact 1020
tnnaganaat tntatctnnc catactcatc tnttcatagc gaatctntnt acntctggta 1080
tcnctnctct gttagtnng acacttcttc tngtctcttt nncntatnaa ccgntatgtg 1140
nggtntattn tcncaatncn ctntntccan ntattatcatt nggtttcccc ctntngcenn 1200
atantggng acacantgn tnnt 1224

<210> 4699
<211> 803
<212> DNA
<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(803)
 <223> n = A,T,C or G

<400> 4699
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 gaattcggca cgaggcaacc ttgcctcctt gggttcaagt gattctcctc cctcagcatc 120
 ccaagtagct gggactacag gcacgtgcca ccacaccag ctaatttttg catttttagt 180
 agaggcaggg tttcatcatg ttggccaggc tgggtctcaa ctctgatct caagtaatct 240
 gccacttttg gcctcccaaa gtgctggcat tacaggaatg gagccaccgc gcccagcctg 300
 atttcttttt ttaggtcttg tcaggaaaga tattgattct tttgattcgt gaacatgggt 360
 tttggtcgtc tttaatttgt ctcatcagtg cctccatgtg tttttgatgc ctttgaactg 420
 gtatttttaa aatttcaatt tctaattgtt cattatagaa acacaattgg gttttatata 480
 ttggcattgt attttgcaac tttcctaaac tctactagta ttctagtagc tttttttggt 540
 agattcttaa ggattttctg tgtaaatagt catgtcattt gtgaataaag ccattttttt 600
 ttctttttca aattttgtgc cttttatttc ttattcttac catatcacat tggcaaaagac 660
 ctncagtatg atattgaata aaagtgggta gagaaaaaca nannttatnn tnnnnnnnnt 720
 cnnnnnnnnc ncnmtnnnct ncnanccctc ccnnnnnnnn nnnnnntcct tacnnnnnnnc 780
 nnncccccctt ttaaanttnn nnn 803

<210> 4700
 <211> 770
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(770)
 <223> n = A,T,C or G

<400> 4700
 gngnnnnnnn ntttgaaatc tntatacanc tacttgttct ttttgcagga tcccatcgat 60
 tcgaattcgg cagcagggttc gtcgtggcaa cgttgctggt gacagcaaaa atgacccacc 120
 aatggaagca gctggcttca ctgctcaggt gattatcctg aaccatccag gccaaataag 180
 cgccggctat gccctgtat tggattgcca cagcgctcac attgcatgca agtttgctga 240
 gctgaaggaa aagattgatc gccgttcttg taaaaggctg gaagatggcc ctaaattctt 300
 gaagtctggt gatgctgcca ttgttgatat gggtcctggc aagcccatgt gtgttgagag 360
 cttctcagac tatccacctt tgggtcgctt tgctgttcgt gatatgagac anacagttgc 420
 ggtgggtgtc atcaaagcag tggacaagaa ggctgctgga gctggcaagg tcaccaagtc 480
 tgcccagaaa gctcagaagg ctaaataaat attatcccta atacctgcc cccactctt 540
 aatcagtggt ggaagaacgg tctcagaact gtttgtttca attggccatt taagtttagt 600
 agtaaaagac tggttaatga taacaatgca tcgtaaaacc tttagaagga aaggagaatg 660
 ttttgtggac cactttggtt ttcttttttg cgtgtggcag tttaagttat tagtttttaa 720
 atcatncttt ttaatggaac aacttgacca aaaatttgct acagaatttt 770

<210> 4701
 <211> 756
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(756)
 <223> n = A,T,C or G

<400> 4701
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 cgaggaggag gacgacgaag aggaggagga ggaaaaggag gtggaggagc agcagcagca 120
 gctgcagcag ctaatatgtt gtacttattc tgtgctgggc aaaattcttg atatttttca 180
 tgtactatth aagcctcaca aaaatcttat gatataggaa atgcttggtt ccatttgagg 240

catgaagaaa	ctgaanaaca	gagaaatgtg	aaacttgcg	agggtagtct	gtccagagtc	300
tgtattttaa	ctactgctgn	gttgctccc	attgcatagt	gacttcacgt	gtataggtgg	360
ttttatcatg	cgaggaaata	tttgagtata	aactgtatgt	ggtacaaatc	atTTTTtcca	420
aatgggaata	cagtgtgttc	cctaaaatta	atgaatccaa	tataattcca	cctaanacaa	480
ttactgagtt	ttttctttgt	ggttgagag	cctaactcat	cccatttccc	tccctgtcac	540
ttttcatttt	taggatttgc	atcttcatat	ttagtgaatc	tttgatctaa	tagntctggc	600
tatttaatat	tagttttaaa	acatctttag	caccgtcttg	gtanctttat	tcctttcttt	660
ttacctagac	agtttctctt	aggacaaatt	ctttttgttc	cacttctctt	tgatctgcta	720
tccaccatc	tcaaattatc	aattttcttt	ctgcac			756

<210> 4702

<211> 760

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(760)

<223> n = A,T,C or G

<400> 4702

tttnnaannnn	tcangctact	tggtcttttt	gcaggatccc	atcgattcga	attcggcacg	60
aggtgtcaaa	tttcttgtca	ctcttgctca	aaagtgtcct	gcagctaagg	agtncttcaa	120
ggagaattcc	caccactgga	gctgggctgt	gcagtggcta	cagaagaaga	tgtcagaaca	180
ttactggaca	ccacagagta	atgtctctaa	tgaaacatca	actggaaaaa	cctttcagcg	240
aaccatttca	gctcaggaca	cgttagcgta	tgccacagct	ttggtgaatg	aaaaagagca	300
atcaggaagc	agtaatgggt	cggagagtag	tcctgccaat	gagaacggag	acaggcatct	360
acagcagggt	tcagaatctc	ccatgatgat	tggtgagttg	agaagtgacc	ttgatgatgt	420
tgatccctag	aggaacatgc	ccagcctgag	aggagtcaag	acacaatact	ggatgctcag	480
caccttcttg	gaatcagaat	ctcgaaccct	ttggaagagc	ctggagattg	gactgggaaa	540
gctgctgtga	cttgggcgga	tcgtgtattt	ctcaaggaaa	gcatttttaa	gccctagaag	600
gtttgggagc	tgtttggcag	tggggagaact	ccggcatgtg	gatcaactgt	cccgaggacc	660
tggtctatat	gtggattcac	atctctgtgg	agattttcng	aatgaaccc	gtggcagact	720
tttttggttn	cacgaacntc	cagaatgagc	cttaaagctn			760

<210> 4703

<211> 805

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(805)

<223> n = A,T,C or G

<400> 4703

gnnnnnnnntt	tgananccat	cnntttaaat	ncattttgct	actngttctt	tttgcaggat	60
cccacgcatt	cgatcagtat	gaactcttaa	aacatgcaga	agcaactcta	ggaagtggga	120
atctgagaca	agctgttatg	ttgcctgagg	gagaggatct	caatgaatgg	attgctgnga	180
acactgtgga	tttctttaac	cagatcaaca	tggtatatgg	aactattaca	gaattctgca	240
ctgaagcaag	ctgtccagtc	atgtntgcag	gtccnagata	tgaatatcac	tgggcagatg	300
gactaatatt	aaaaagccaa	tcaaattgtn	tgcaccaaaa	tacattgact	atthgatgac	360
ttgggttcaa	gatcagcttg	atgatgaaac	tctttttcct	tctaagatng	gtgtcccatt	420
tcccaaaaac	tttatgtctg	tggcaaagac	tattctaaag	cgtctgttca	gggtttatgc	480
ccatattttat	caccagcact	ttgattctgt	gatgcagctg	caagaggagg	cccacctcaa	540
cacctctctt	aagcacttta	ttttctttgt	tcaggagttt	aatctgattg	ataggcgtga	600
gctggcacct	cttcaagaat	taatagagaa	acttggatca	aaagacagat	aaatgttttt	660
tntanaacac	agttaccccc	ttgcttcac	tattgctaga	actatctcat	tgctatctgg	720
tatagactag	tggaaacaa	ttttaagaaa	acagggataa	aaaagaaacc	cattggctgt	780
ggctactgat	aaaaatatnc	ccaan				805

<210> 4704
 <211> 707
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(707)
 <223> n = A,T,C or G

<400> 4704
 gtttnaganca gctcttggtc tttttgcagg atccctcgat tcgaattcgg cacgagggct 60
 attaaaaatg taatcagtggt gaaaattcat gccatctgaa tcgtacgngt atgtaagggga 120
 tttgagttcc ttacagaatn ttctgtaatt tannacttca agtgacttat aaatgtatat 180
 acttctctct cacaangtg ttaggagaag gaaaatctna aatactngct tgatttctta 240
 atttaataac ataanacaat tctcataaca tgtatcacct aacatgtcac tttcacttta 300
 aaagtctaaa gagttgangt ttatntcttt tcttttaaag ttgatgntta tgttggtgat 360
 ttccnaaaag atcagatccc ccgntatgaa ggatcttaac cttgtctttt agatctccat 420
 gagaaatgca gtacatgtag cattagccat attncttttt tagaggccta tgtaggatat 480
 ttataacctg taaaagtttg atgacttcat gctcaggaga aagcaagtaa ttacctagcc 540
 aagccaggtg ggtgttcagg ttagtgtgca acagaaagga gatgttgaaa gatttcatat 600
 ctnaagggtg aaaacacaag agaagtatat agagataaac atgtaaagtn taagactgta 660
 ccatagtaag ctaccttcca agtggcaccc ttgttattat ttttctg 707

<210> 4705
 <211> 845
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(845)
 <223> n = A,T,C or G

<400> 4705
 gngnngtnnn nnnntttcna acgttggttaa catacagcta cttgttcttt ttgcaggatc 60
 ccatcgattc gaattcggca cgaggnnang cngttctgcc nangangcat nctnccncng 120
 anatgccacc nnnntgcntg ntnaccnna cgnnncacac gnctacctgn gggacatata 180
 cttcatgcac nggttatgnc cntaccatga annctactg acancnnaac nngancngnn 240
 tgttgannac atgaataacc cactgnacna agaacntant ggaatgntan ctnnntatgt 300
 cctntttccn gnggaaggag nggacaacnt ttancaagtn ncagntccaa ancnaacnna 360
 nccaantata ntnaaantna gngctgccan ttngtggac nccttgcnan atnnnnanng 420
 ctctctnnna ccgntngaaa ttttncataa caccatatgc nccatgattc tcattgntgn 480
 aagacantca ttcnatntac cagatnnatc ttggngngcnt ntntncnngc atnngnnnca 540
 ctaaaaactg ntntnctaac taaataggat ttntnttttn ttatacningg anaaaatgng 600
 agttgtgccn naactntcat nngcgatant tacannaant tgtacttgnt aaatctaaga 660
 atctaattgcn angacttaaa aanangccn ttagaactat agggagtcna nttactgcta 720
 tnccnacatg nattgatnca ttcacgactt ngtcacaaacc anatntntaa ttcttgaaan 780
 taaatgntnt ntttngnana anntggaaaa gcttencaan nttntaanc ctaaaaccng 840
 gntnn 845

<210> 4706
 <211> 775
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(775)
 <223> n = A,T,C or G

```

<400> 4706
gcaaccgntg gctacttggt ctttttgag gatcccatcg attcgaattc ggcacgagggc 60
aaccttcgcc tctgggttc aagtgattct cctccctcag catcccaagt agctgggact 120
acaggcacgt gccaccacac ccagctaatt tttagcattt tagtagaggc agggtttcat 180
catgttggtc aggtggtct caaactcctg atctcaagta atctgcccac tttagcctcc 240
caaagtgtg gcattacagg aatggagcca ccgcgccag cctgatttct ttttttaggt 300
cttgtcagga aagatattga ttcttttgat tegtgaacat ggtttttggt cgtctttaat 360
ttgtctcatc agtgccctca tgtgtttttg atgcctttga actggtattt ttaaaatttc 420
aatttctaata tgttcattat agaaacacaa ttgggtttta tatattggca ttgtattttg 480
caactttcct aaactcacta gtaattctag tagctttttt tggtagattc ttaaggattt 540
tctgtgtaaa tagtcatgtc atttgtgaat aaagccattt ttttttcctt ttcaaatttt 600
gtgcctttta tttcttattc ttaccatata acattggcaa agacctccag tatgatattg 660
aataaaagtg gtgagagaaa acanannnna nnnnnnnnnn nntnnnnnnn nnnnnnnnna 720
ntnnnnccnn nnaantnnn nnnncnnnat ncnncnnnc cncntttggn antnt 775

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```

<210> 4707
<211> 1102
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(1102)
<223> n = A,T,C or G

```

```

<400> 4707
gggnttcccc ctnnnaaccc nttggaaanc cnetggngct ncntgcagga tcccagcnat 60
ngcactgagc nntgnggccn acggcngagc cntttttcng cgagacgngc ccnncanggc 120
nccggggngc tegtgtggn nagccnatgg gnagcannna ncncancgg cctnccnana 180
ccagagnnnc anaacgnacc nagnnngtgg gcncncctta ngtcnaggac anaatananna 240
nnctancag ctgntngggc ncgcannaan ggnanannnn caggcccnnc aanntaagct 300
ncnngaanca cncgntntat acncccnana naagnnncn ngntaacaac gccaggcgga 360
gcnttcgngg anananccac gagngncccg cctaaggaaa tggncgccna nancagnacc 420
ccgaanaana gtantngngg tnnntaancc gagngaacgt gacaggcggn acgcaccgac 480
atngggcnaa anagaatcgc ctngngnca catcngnna cnagnganaa cgtncacgn 540
acanncgngc acccnntnnn acnngtcana cgaaacnnn cncgcatntg agagcncggc 600
gcntcnctg caaggggngg cttennnacc cccgccnaaa nanttnnnag aaatcccnc 660
nagacgtntt ataccnaga cacnaccnng acccngcggn gcantagtcg nanagagagg 720
ctnggtagn ananncantg cgcncgnntc cnttcggcg cncnanaana agcccagcgc 780
tntngaannng tggcncccn ntngnncgc gcnagnacc cnggtggcga aaacacnggn 840
angngccnnt nnaacncan nggggggggc nanaaccggg ggggaaggcg tnaccngcan 900
aangngaaa acngcccaca nttnnctcc gccnggcant anccccnga acatcnggn 960
gcannncccg gcanngnccc cggccaggn ggcnnnccc aggnanntta cgnaccggan 1020
ncccggnncn acnncnaggn nccnanaacn nnggnaccnn ngncngngg gnnacgatgg 1080
ggnccngcn gnnctgccan ca 1102

```

```

<210> 4708
<211> 855
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(855)
<223> n = A,T,C or G

```

```

<400> 4708
ggtgcttccc cctnggaacc cttntacag gcnacttgta nttntgcan gatcccatcg 60
actcnaattc ggcacgaggg catancccg aatngngttt ttgatgcac cagtcgtggc 120
attgcaagaa gtctgtctga tgaagctcgg gaagcatttt gcaatattcc cttnggctgn 180
gttctgtgt tccctgctcc cacttatctt ccctggttt gtgattatta ggagagaggt 240

```

tntgcaaaga	ctcnnctgctg	tgaaagaatc	ttttnttaat	tnttatccta	nagtcantca	300
cttttattcc	aggmagtcat	gctgatctac	ttatccaaag	ccagcnaacc	aggntcatcc	360
taccatcttc	atggaagact	gtgtgtatga	attggagtaa	cagaactgaa	ntacacttaa	420
ncagtgcacg	cactacttcc	caggggtggg	gccatatttc	tctgngtcct	actctgagca	480
acttctcana	gatacgangg	ggctaggggt	ttccccatntg	gggaaatggg	gtgaaagnct	540
gcanatngnt	aaaagcaa	gttngaacca	ncaataaatn	agatnnntcn	ncatngnnca	600
atnnngcact	antnacnnnn	ntnganannn	cgtannntnnn	ctncgncnnc	tnggnagtnt	660
cncnnggnc	tctnnattcc	tcgnnannng	atcngcaatt	ggnannttca	nnatntggat	720
nnacancat	ncgtgancna	atnaacntac	nntgngnngt	acnacnacnn	tnactatcnc	780
atacgcgntc	naaaancgat	ntcacgtntn	cacnattnng	anatatacnn	ttntctctnnc	840
ttgntctatt	naccg					855

<210> 4709

<211> 843

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(843)

<223> n = A,T,C or G

<400> 4709

tnnnnnnttta	nttttaatat	actncagctc	ttgttctttt	tgcaggatcc	catcgattcg	60
aattcggcac	gaggaacatt	cggactcgag	ataatcgctc	ccttggggag	tgggacttgc	120
ctgagctgtg	cagcgactgg	tggagctaca	gaacacgagg	gtcccaaag	ccgaagaaat	180
tttctgagcc	tttgtacata	gatgaggcaa	aaacctgcga	gtgccatcag	cctccctcac	240
atgggagacc	ccaaccagc	tgacaatgtg	gagccccag	aacttcagaa	ctggtggagg	300
cacatgtctg	ctctcctgaa	aagagacttg	gtttggggac	cccacaaaag	gagggagct	360
gtagctgttt	ggatgtgagg	agaatgaaac	tacaaaaaaa	aataaattgg	gccaggcgca	420
gtggctcatg	cctgtaatcc	cagcactctg	ggaggctgag	gcggacggat	catgagggtca	480
ggagatcaag	accaccctgg	ctaacacggt	gaaaccctgt	ctctactaaa	aatacaaaaa	540
attagcccg	gcatgggtgc	acacgcctgt	aatcccagct	tcttaggagg	ctgaggcagg	600
anaaatcgct	ttgaaccnng	gaaggtagaa	ggttgcantg	agcttgaaaa	ttgcgccac	660
ttgcaccccc	cttaggcgac	aagaaccgaa	gaacttttgt	ctnttaaatt	aaattaantt	720
aanttaantt	aanttcccaa	cctgggggna	aaaaanannn	nnnnnnnnnn	nnnnnnnnnn	780
nnnnnccctt	cganccttnt	taaaaacttn	ttagnggagg	tcggtnttta	ccgttaaaat	840
ccc						843

<210> 4710

<211> 1501

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1501)

<223> n = A,T,C or G

<400> 4710

nanggagcaa	ggccagggtt	ttnnncngnn	ctaannnann	tnnagaaacn	acggcttttg	60
nggtttanng	gncnaaaaaa	ccccncaat	gcaggcncca	gcagananan	aaggagncgg	120
cncggggagg	nggnaaana	nnnncatana	cngacgaga	gngganacn	ntaacagaa	180
gacacaccan	aacacnngaa	cncancacaa	agantcncan	acctaannng	cgacgaanac	240
ncnacacntn	tttttttttc	acnaanaana	cnnaaannag	agngaacgca	nnannagnac	300
acnnacnacc	acgaggggga	gangnacnan	agagnggaca	acaagagaag	aaanaacaan	360
ccaacacgcn	cngaacaaca	acacccccng	acancacaan	aacacananc	gcaccaaaca	420
ataanatcag	aganacacac	agaccaacan	aacacncaac	acnngcnaaa	ancnaacgaa	480
gnaaanncaa	acaacnaaan	ccacaacgna	gancannnac	nacacaagna	aaaaaatnna	540
nnanaananc	aaanncanaa	accnaaaaaa	nnacananana	acananaatn	cnnaancnaa	600
ccaancnaca	nnannanacc	ncacagnant	aanaaanaac	ngnnacanaa	nnacacagag	660

acanacacac	natacnaca	cacanacaaac	caanancnga	canactacnn	aanannnnna	720
ncnaaacanc	gacanagnna	nacaaacaaa	gnacacgnaa	ncatncncac	nanagcanan	780
nacgnataac	accgnangag	aaagatacnn	acatnaanan	ctanaaacgc	ataccgngcg	840
cgncatanaa	nagnacnnan	ananataata	gcaaanaana	cacnnaagca	naaacaacac	900
angncaacaa	naacaaaaag	anagaatcnc	acagacagng	cantnacgca	cacaactaga	960
cacacaagng	anacaacgac	acaanataga	taagananag	anagnnnnag	aaaacncaca	1020
cganacncaa	cacgaannac	aganannnac	cacnnaacac	aangagcacc	nacancaacn	1080
ananananca	ccancnanna	nnnaanana	gacacaaaca	cncnatacaa	annnaagacn	1140
acnncacaca	nagatanaaa	naanagncga	ccgcagnnaa	acaccacgac	aggaacanaa	1200
nnncnnacna	nananngaaa	nngtananng	agggaaagcaa	angaaannaa	cacantagn	1260
nggaacacaa	anaanancan	annnccatna	aaganaanna	cannaacncc	nganaaaaaan	1320
ggaaacacan	aancanaccg	naanaananc	nncnanana	nnacaaaanc	accntagaan	1380
cncanaanac	ngaacnaaac	acaacnnan	canacaaccg	aatnaaannn	ncancacaaa	1440
tgnntnanac	caaaganaac	nanancannn	caaaacnaca	cncncgaagg	ntnnnaacnn	1500
g						1501

<210> 4711

<211> 806

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(806)

<223> n = A,T,C or G

<400> 4711

tttttaaaac	ttttaagccc	ttgtgcannn	gcaggatccc	atcgattcga	attcggcacg	60
agaatagtag	aaaggggtccc	cattcctgct	cagcacnttt	cctctctacc	ccccacaga	120
cacacatgct	gacacacaca	tgcnagacaac	acncatacac	acacatgcag	gcactcacat	180
gcaggcccat	gcacacacac	gtgcacacac	atgcaganac	atgnagacac	gcaggcacac	240
atgcacanat	gcaaagacan	gcatgcangn	acacgnagan	gcaacagaga	canacatgca	300
gattcacatg	cacacacaca	tacacacact	ggncctctgt	tttctgtggn	gtcactgggt	360
gccagnaact	ctgtatatta	cacctancac	taaaacctgg	gccttaattt	ctctcccgtc	420
cccacccta	aattcctgat	ggatgaacct	aagaacttnc	ctgtacactt	caagccggac	480
tgacgtagcc	tatgggccca	agnaggtcca	gngccnacgt	tttaatttct	ttntaaaaag	540
ctttaagtct	tgtctggcgc	ggtggntcac	gcctggagtn	ccantatttt	tgngggaggcc	600
aaagcngntg	gatnacaacg	ngcactgggt	cgngancanc	ctgaacaaca	tggggggaaaa	660
ccctggtttn	taattggaaa	tacaaaaaaa	atnngcttgg	gccanggtgg	anaggcacnt	720
tgtgaactca	acctccaggt	tttttggggc	canaaagcat	acccccacna	ngcccaattt	780
aatttnttaa	aggggaatcct	tggtag				806

<210> 4712

<211> 695

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(695)

<223> n = A,T,C or G

<400> 4712

agattaaaga	ggaaagcaga	gactgggttag	gttattatag	tgtcctaggt	aacagttttg	60
gacaagtgtg	ataaatgttg	aggtgggagg	gggttagaggt	tggattcaga	ctctgttttg	120
taagtagaga	agataatgtc	tgctgatagc	ttggatatga	ggaggaaaag	gagaggagta	180
aaggatgact	cagatttttg	acctgtcaat	tgggtgaact	ctgagattaa	attctgtttt	240
ggctatgtta	ggttggaat	gctgtgtagg	caattggata	tccaagtctg	gacttcaaga	300
gtacaatttg	ggactagaaa	attaatttgg	gagtcattag	ggaataacca	tgactttgga	360
tgagatcacc	tagtacagct	agagaagaga	aggtagcaaa	agacaganac	ctaaggtag	420
ccagcattga	ngaagtanag	gagaaganga	nccatccnnn	ngactgncaa	ggacccacca	480

gttgacctta	gaagaaaaat	caggagctgg	tattctggaa	accatcngaa	gaaaatgttt	540
cacaaanagg	gaagtagtat	tgaatggtgt	naaatgttac	ctatatctct	ggnaaaaaaa	600
ccacttcanc	tgctttttta	agtaaatgtt	gatantttgt	actgcaaata	nctttccata	660
ntncttttca	aaacatgnta	ttttnggncc	tttaa			695

<210> 4713
 <211> 998
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(998)
 <223> n = A,T,C or G

<400> 4713						
ggtgnttccc	cctgngaacc	ctttatacag	cctacttgtt	ctttttgcag	gatcccatcg	60
attcgaattc	ggcacgaggn	cacattcann	tntcannttt	tgcanctta	tancaanant	120
catngccgan	acattanntg	nctnnaatag	tactgcangc	ncancatctn	cnnnngatcc	180
ctgtnacctt	gnccctggan	cactcgtnag	ncaagntctg	ntcccagatg	ncntgtaacc	240
atnantncna	nanaananna	tcnagggnet	ntttntttcc	nncaaacaga	tgcnatntgn	300
cncnggctgn	tgtgntgtng	agggcnctan	gcncnggcaa	ctattnnctt	nnangcngaa	360
gtngttacnc	ntnanggcnc	ncttancttt	caatnagnac	cacatgcnn	tgccaaatng	420
tgctctnagc	taaatnnttg	gactntgaan	tanggnncna	anggtnttgc	aataacantg	480
tggatctgna	anaagntctg	ttggnnngng	acctaataac	ctcancnggg	nggnctcnct	540
cttaacnntt	tantnccnnt	cntnganagt	gattcatacc	aaggtaacca	ngnnnggtaa	600
tanttctnact	cntgngatcg	naantntnct	cnttnnactn	cnttanagag	nggtcgtnac	660
ccangtntgt	tcgcttcgcn	cttnttttgg	ggngaaatgt	atntcccat	ggaancnttg	720
ggggnccn	tttgatngcc	gtaatancat	nggaagtcaa	cttggantta	aacgggtgct	780
canttanct	nagccgaatn	tngtcnttgg	caaacccttg	ccaatacnnc	caattaccn	840
atantngcaa	agnaaatagg	ccnngcatac	cnaagnggga	ccctttataa	attggnnat	900
ggacttcccc	tttnnaagtng	aacnttggn	ttagcnaaaa	ggcnatnttc	ttgtatgaag	960
ntcgcagnan	tngnatatat	tngggttcta	ngggccng			998

<210> 4714
 <211> 1523
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1523)
 <223> n = A,T,C or G

<400> 4714						
cccccccccc	ccnaccnnnc	acccannncn	accccnacn	canacnaatn	nncgcncan	60
tcacncaccc	cgnntcgann	cnccccncc	taaannccna	ncgcncctnc	cnggntcgca	120
nnccaccntt	gaacctttgc	aaanactggc	aaaccgcgn	cnanagcggg	ggngggann	180
acacncacnn	canatactan	ncnnccacn	tncganaacg	anagnnnncc	cccccaacna	240
ctnaggggca	cctcggggnc	cctcctccta	cgcncacna	ncacatnacn	ncctcngtt	300
cannnngac	agnancctct	caacccccac	gcctgctncc	tctcncata	cncncccccc	360
ctcccnatac	gncncgacan	cccacgcnn	nnnannnctn	nctcatcnna	cncacngcnc	420
tacacnnccc	acnntnccct	tctnggcgca	ncannnnct	ncatgcgcnc	agcncacnct	480
ctnnctcacc	cccatcatna	cctnaanceg	tctacntntn	nncnctcan	ctcacgcnct	540
aaccgncann	ccncccgna	nactncacnc	tcaanncana	tcganccccc	tcnaccncn	600
accnnnnnn	cgnncncccc	accnnncaan	nnngtgnnc	ccacctcgag	accnnncang	660
cnaatacccc	cgatcancca	cnctctant	ncagncctnc	ccgncnnnc	ganncacacg	720
angcccnac	acnacagcgc	antncgncac	cncanacang	acccanctgc	ccncagcng	780
nnnnggncan	aaangnnng	cncncncta	cantctcca	cccaacnnc	ntnancncn	840
tantannacc	aagccagtan	ncncacctca	nctnnccaat	cnccancacn	ccacanacga	900
ccgcaccccc	caacnncagc	actctcacna	cnnngancan	cannntccac	nacactcntt	960

ctcnnctactc	tntctcantc	ccccnnncta	acngetcact	ncacaancna	ncncncncnn	1020
anntagccta	cgccaacgan	acgcacncta	nancctaega	caccnntcac	nacacctcac	1080
cgtacccccc	cngntctnnc	ctcnancgac	ngaancgtnn	cacgcncanc	acancactcg	1140
agnantcaca	cgnnacacct	ncacgantac	tccgncaccn	nnnanntnac	nccactngan	1200
cgcactntct	cncctaacna	cacnacntac	cncacctcac	nccatatcca	cncctaccac	1260
tcacacanna	ganaagnnna	naccgctctc	agcactntact	cactancncc	ncaacncnca	1320
ccacancnca	nacgtnanac	cncctcngcgn	ctcacannag	cgnctgnnct	gcnnnctccc	1380
gnatannttc	gcacntgan	cacncanacn	tntcccnng	ccccacgact	gagcncncnn	1440
tctcnagacn	ncanccactn	tcnacacnnc	nngacgcanc	tacngcncca	ncncannnct	1500
nanngacnca	cngtcccann	ccc				1523

<210> 4715

<211> 726

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(726)

<223> n = A,T,C or G

<400> 4715

ggtatnancn	gctcttggtc	ntgctnctgg	atctttttgc	aggatcccat	cgattcgaat	60
ncngcncgag	tntaggnntg	anccattgna	cccagccnag	gtntttaata	nnannnanag	120
cntgctgtnn	tnaaaagtga	aaagaggcca	gntgtggtgg	ntactgnctg	nggtcccagc	180
tnctccggag	gctgaggcat	gaggatcatt	tgngcccagg	ctgcaatgca	atggcactga	240
tcacggcttt	ctgcancctt	aacntgctgg	gngggacacg	gagtaccctg	tttttnaang	300
aanantgcag	agtacnccaa	ttgnatatgn	tatataannn	caactntcnt	aaagganctg	360
tatatnnaat	gagtgggaanc	aaatntggca	nacnnttaat	ngnacatatn	ttgaaactan	420
agctcnttac	acttctttga	nectacaacg	gtatatgtcn	tacttanatg	atgcacaaaa	480
ggtgcaccat	atatatatat	gtttntgacg	nnggtnttga	nagagtttca	ctcttgcnnc	540
cannctggag	aatgtacnga	actganatng	gngaaatgtc	tccancnggg	ngatnnagat	600
nnactgggct	ntcgtggaag	aatggtgtnt	accnnaaaat	ttggagcctc	tttaaactna	660
tgngaggagc	ntttacntng	gttccccaaa	ttgtngaggg	gncntttggn	ganttttnnc	720
cnnncc						726

<210> 4716

<211> 1554

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1554)

<223> n = A,T,C or G

<400> 4716

ccaccncnnc	ntnnttnatn	nnccntnnc	acctcnnnnn	nnccnnnggn	nantngcnnc	60
nnnnnnnaag	nnnnctnatg	aactnaataa	ganntngctg	gtctgaaatn	gcctaactng	120
aatagggnct	ggggggggnc	nnccngcnna	ggtnatnnc	gtntccagtg	ntntngnnng	180
ntctcggann	tnnntntaac	tatnnntnnn	nanccannan	anngtcgngg	gntnnnnnat	240
ntnnnnntn	natccannna	ncacanntcc	ttctnnntcan	tccnannaac	ctcntannnc	300
cantccccta	tnntcganac	gnnnncccac	cngntnnnnn	ngtcnnnnnn	nnnaancnan	360
nattcagctn	nnacnntann	ntaacttnnc	ccngcaanga	ncnccnntct	cctcngntcn	420
accggcnngg	nantncnngn	tcancannta	tnntnnntnt	nnctctatct	nnnccntntc	480
tagannannn	nnntnctacn	nnntncaann	cancnnncca	tanantantc	cnnctcngnn	540
ctcnnctctc	anncgngnac	tnntcnnngc	ncnnnnntatc	tnntntcnac	nncaacnnc	600
annnnntctn	anantccnnn	ttcnacnncn	nctnatcnnc	antgcctann	cnnnnccnnc	660
nnnatgtnan	ncannatnct	ntananngn	ngcnnnctnn	tcannnnnca	cncntnatca	720
catntnnctn	tnnangannn	ntcnnntntc	nnancatena	tctncanctc	tncanntntn	780
cnnatccgc	nnnnnancct	ntnntacnnt	ccctncatan	antanacnnc	nctntcctca	840

nnnnnnnnnn	antcnnatn	cnnnnnnnnn	ctnctctaca	cncgcnnng	cntcnaactnn	900
cncnctatcn	nnnnaanntc	ncanctcatn	acctcnctcn	tnntnnntnc	nacncatnt	960
atanacnnan	actctctntc	gnctatnnnn	gncnntctnc	acagtatncc	nctnnntnnc	1020
ntannancga	nnctccnncn	atataatcac	tnnacactnt	actcnnantn	cttactntnn	1080
accnctctnn	catccnnntc	ncctctnnnc	tcataatnng	ntacnnntna	ncatctctcn	1140
cancancnna	ntacacnncn	natncntann	ncanantnnc	ntncannncn	tcnnctnntc	1200
ngtnnnnctc	ncactctnca	catatatnat	ctanctnacn	cacncctnnn	tnnnnnntnc	1260
tcannnctcn	cnntctatn	tgctatacat	nnccctnnta	ncantatcca	nngcccncac	1320
natanctcan	ntatctctnn	ccttntancn	ccctnctccc	tcntcanacc	cancttactc	1380
tcttantnnc	acnctntnnc	tcnccnncn	tnnatccna	acnncnncta	nttncatcca	1440
ncnctccgta	tanctccent	nnnnnnngc	ccncccenta	ctnctctcan	ntgnccent	1500
ntnncatntc	nctntcnnc	caccccttcn	cnncgncnt	tnntnanncc	ncct	1554

<210> 4717

<211> 763

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(763)

<223> n = A,T,C or G

<400> 4717

tttacatata	gctcttgttc	tttttgcagg	atccctcgat	tcgaattcgg	cacgaggtct	60
ctgcaaaa	cccctccgac	ccgagtgttc	gtggaactgg	ttccctgggc	tgaccggagc	120
cgggagaaca	acctggcctc	agggagagag	acgctaccgg	gcttacgcca	ccccctctcc	180
tcaacacaag	cccaaactgc	taccgcgag	gtgcaagtaa	gcggcacctc	agaagtgtct	240
gcgggccctg	accgggagca	ggtggtggtg	cagtgcagc	caccaaggag	gcggcagccg	300
aggccaaaaa	gagcgtttgt	cgccgtctag	attacatcac	gcagagcctc	cagcagcagg	360
gcgtgcaggc	agaaaatata	actgtgacaa	aggattttag	gagagtggaa	aatgcttatc	420
acatggaagc	agaggtctgc	attacattta	ctgaatttgg	aaaaatgcaa	aatatttgta	480
actttcttgt	tgaaaagcta	gatagctctg	ttgtcatcag	cccaccccag	ttctatcata	540
ctccagggtc	tggtgagaat	cttcacggca	agcctgtctt	gttgctgttg	anaatgcgtg	600
gcgcaaacct	aagaagtctg	taccttgtgg	ccaaacctta	ngaaaacctt	tctaatcaaa	660
gaagaagaac	aaaagaatgg	gaaggccaat	agatgatcac	cagtcatcca	gactctnaag	720
ttcattactg	tccacaaaaa	atcaaaagt	cacaatactt	ctg		763

<210> 4718

<211> 953

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(953)

<223> n = A,T,C or G

<400> 4718

nggtncaccg	naacaacggn	gaatccccca	annncncgan	acagaaaggc	aggggtgnng	60
ccngagagcc	gngcncacng	ggcacancag	cgacctttta	ggcnttntctg	cactgncnng	120
cccactgccg	naannggcac	tnccccacgn	acgagnntgc	aacgagacat	ccgtacgtgc	180
tggacaacct	tgagagagaag	ccgtatncac	nnacangat	aaaancgcc	tggaccacga	240
gtgcnnggg	cactaccgan	gagccgcctc	cnggaancnt	tnccaagnng	gagcgccna	300
ccgaengtnn	gcngatcaga	nacnggagag	gnggagngag	aagactccng	cngcncgggc	360
ccccctgggg	agcccccgnt	ccagggtctg	cnccaggacc	ngcngcacia	gangactagc	420
tngcagcnac	cngcnttccc	cagtccannc	tgaaaaacta	caaaatnaaa	ngcgggaaaa	480
gcntgtann	gagaanggnc	ntcncngcan	ctcncaggag	gnaaggcnng	agannncccc	540
gctcgnaaan	gnangnagca	agggaaancc	ccangggngc	ggcccnncag	aaggccccnc	600
ccnnaanaa	agaangccac	aacaanccaa	gangcnagca	cgggcnngcc	cngcanaaaa	660
ccccccnnac	acnggaaana	cncccgcgna	nanngcaann	aacngnatac	nggaaangca	720

nagngcncnc	ananaacaag	cgcnccccc	nacnagggn	acacaaaann	ccngagcgcn	780
cncgagcgcg	nnanacaca	angcnagcac	agggacacnc	ncagacgnaa	annnggncac	840
anacncgggn	nagaacccan	cacgaaaccn	acnacnacg	agggagagng	nacnaaanaa	900
nncgccccca	cgngananna	aanccaacnn	nncgaanacn	nacggannac	gcc	953

<210> 4719
 <211> 860
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(860)
 <223> n = A,T,C or G

<400> 4719						
ttnantnnngt	cattcctgta	ccagctactt	gttctttttg	caggatccca	tcgattcggn	60
gatatngnnn	gnctanncaa	agtgggaana	ncttncnggc	tgngaaaaca	ngctntangn	120
ccnaanancc	ngntttacan	gttnaanact	ntgtnnnnnt	tgagcatgtt	nncnggtctt	180
angnngntat	ttnanngtan	ccactttgna	gaggngtatc	tggaactttt	tcnncttatg	240
gttcaattag	ntccngnntg	cacantgagn	ntgatnatta	cttgtgagnt	gagctcntgc	300
gttttaccga	cttctggctn	ggactgggtg	ccattagcta	tnaanaggcn	tttngtnnca	360
taannttcng	gtaanntgan	ngatctntna	agatnccctt	ttaattcggt	agtantacca	420
ttacgtagnc	naatttanga	tncnnattcc	cnaattttna	ncatnnccan	ntgtaanatc	480
nntgaattan	cagnacncc	nanngccctn	ttnaggnttg	atttctcgat	atttgactnc	540
ntctggnngn	ananannngc	naagaanttn	accattggct	angnnaaaann	agngtgntgt	600
tagggtnaaa	ntcacctnt	ttttnnacna	atcnntggaa	cantttacna	tcanttnrna	660
naaaacnnta	nnncttttgc	ccnatgggan	ctntttntta	aanccnntnc	ctttttntaa	720
cnnttttttn	aaccntggga	aaaaattngn	taaataaaat	ntngcccttt	aaanantntt	780
tcgnaattnn	gaatatctta	anggcccttt	taaaaatatg	gnccccgttt	atggngaaaa	840
ntnattgccca	gccantncnt					860

<210> 4720
 <211> 714
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(714)
 <223> n = A,T,C or G

<400> 4720						
ngtctnttaa	cgngctcttg	tcnngctact	tggtcttttt	gcaggatccc	atcgattcgg	60
tcaactccat	ctgcagtgtt	caaggcactg	tggttgccgt	ggacgagagc	actgctttct	120
catggcctgt	gtgtgacatg	tgtggcaacg	ggagattgga	acagaggccg	gaagacagag	180
gcgccttttc	ctgtggggac	tgtcccggg	tggtcacatc	tctgttctc	aagaggcacc	240
tgcaggtctt	cctggactgc	cgctcaagac	cgcagtgcag	agtgaaggtc	aagctgttgc	300
agcgcagcat	ttcctccctg	ctgaggtttg	ccgccgggtg	agatgggagc	tacgaagtga	360
agagtgtcct	cggaaaggaa	gtggggttgt	taaattgttt	tgtccagtc	gtaaccgccc	420
acccgaccag	ctgcattgga	ttggaggaaa	tcgagcttct	gagtgcagga	ggggcctctg	480
cagaacacta	gcggttgccg	caggatctgt	gaactttgca	atgtggctgc	aaggggtgtg	540
gtggtgggtg	tgatttgggg	tagttatttg	ttaactatgg	cacagtgaac	gtagtttacn	600
atcttgaaat	gaaacttana	ttttctgggg	aaatgttcan	atcagttntg	tgaactgtaa	660
atnaaaatac	cttttctaca	gttatctttn	attttctgca	aattangaac	ctnt	714

<210> 4721
 <211> 868
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(868)
 <223> n = A,T,C or G

<400> 4721
 tttcnnngttt aaacnccttt aaaaatntgn nacttngatn nagtntaaag tnnccctct 60
 atatattgna gtancncctn taaaacatca ggaaaattaa ggnggtctnt ngggggggtg 120
 atnttcnatn ncnantgaat aatgatccaa gnntcntant angaannaan gcncatatata 180
 nanmtantan tactntttgg nttnnnnanc antanantct annntactcn ntanatanta 240
 tcncnangtn ngcatacnat ntncntntn nntnttttac tncattatct ctanatattn 300
 nnnctntntn ntntancatn cntncnanc ttcnnnctta ttnatantnn tttaantttt 360
 tcntntcnc tcnncnnnca ttnataattn atnnntttnn nnnmtnantt ctntcaatnt 420
 ntcantcctc nnnnctcnna nctntntncc tnanntnnntn tccantttnc catttantnn 480
 ctannnnntn nntctntntn tntttntnnc tccaaancct ctnttttntt ctcantnttt 540
 nttnnctttn tnttttattt ntntctcnn ncnctcnnnc tttncnnncn tntctttcna 600
 tantntctnn ccanntctnc atatcttntt nncnccttaa tnttacnctt nccnctncc 660
 cccctcnanc attttcttc tcttanant nntnctttn tnttaanata tnnnnnttta 720
 tttnnacttn tttgtttgta ctntntntna cncanantca atnacacatt tatncattn 780
 canatcttct naantcctc nnattncact tnatccacna ntctncaatt cctacatnct 840
 ntatnctnac ntcatattnn ctcccnnt 868

<210> 4722
 <211> 1612
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1612)
 <223> n = A,T,C or G

<400> 4722
 gttnctcaaa tcnccagcac gnanagtnca aagngaagng gcncctctaca tatgagaccc 60
 tnaaacatca ganattaggg ggtctngggg gggcctcnnc anatncnnga atactatccg 120
 nggcccctttt nngntnannn ntagagannt ggnggnntn nccgngntn tntctancnn 180
 attcnncttt catctcctac tcnngggggn nactnnnnac tctctnacan cctcncnttc 240
 nntcnnnncc tacctccctn tnnccntccc gnaactnaaca cncntccna cnttntctnc 300
 actenatann cncncnacnc tcttacnntn nccaccacgt atctcctncc nncnctctct 360
 nnaccnttan natntnact cncncnctnn cnttccctata nctcagcnnn tcnactccgc 420
 ccgtcantcn gtaacngtcc nncnntctct nnnnangctt cctnnacttc ncnntcanca 480
 caatntnccct catctnncca ctntntntcn atatctctca nctctnacin ntcnnnntca 540
 tcnnnacaata tntctnctc canatccatc tntntnnnan nnaccatntn anntagntcc 600
 nactactntc ccacgtanac ntntctntnt cccncatctc acntnttcta tnatactctn 660
 cncctctcac nctatnanat cnnatancta tcttatcact nttacnaann nctcacann 720
 ctntccnntc tctctctann accttccann ttcttctnat attatntact nntnaccana 780
 tancacacna cncctcccnc ntatanntac acntncacnc actanacnan ctncnctca 840
 tactctantn tctncnntc ttatctcnn tctatcatata ntacncaag tcnctctctc 900
 atntaccnnn antnctncc cactacnntc cncntancta cnatacatnc acannnnana 960
 tcaanatacn ntctcnatnc nctctctct ctntntntca cncatanattc nmatatnccn 1020
 ctatcnnctt cccnnntgnc tctactnct nccctcncct ctctctncc tntctnann 1080
 anctnnntct ntntcttctc ctncacngt accnctcnat atcatntntc atcncntctc 1140
 catanatnccg nnacancnta tatctctcct ntntncccta nnatncatct nctccnntnc 1200
 nncatctcat annccnntc gtcanaacna ngtctctctn actntccanc tctcnnctc 1260
 gnaacngact nmatcncat tctctnttn gactcncct antcatncc cctacnacc 1320
 aacaccanna tactnntcnn ntncnctctn aatntcacac acantncann ncaccntanc 1380
 ttatctcant tctgntnacn catcactact ctctctcatct acacatnant nancctnat 1440
 tntctctacn ctctcttct cncntnatna nntntacan gntctncca tntctcnccc 1500
 ctctctntnt ntntntcanc nntcaacna ccantcann ctanccgcat ctatattatn 1560
 ctcatatcct ctanacanta tctcanatc tcaactntan nmatancnac ct 1612

<210> 4723
 <211> 1503
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1503)
 <223> n = A,T,C or G

<400> 4723
 ctaaaattgt ctncgtaaat nctntnnnnt gtacantagg aacggcnctg acatatgaga 60
 cnccttaaaca tcnganatag ggngctctngg gggggcgctt gcntanccnt gnanntgact 120
 nacgnnccan ttgaantaan nctttaanga nattanggc ntttncgcgc ntctcncctca 180
 anctcnnat tncantntaa canngngggg gntcctntc ancctcnanc ncttntact 240
 tcccttatnn cttctnctcn cttcnnacta cttntactnt nncntncacc nnaccancat 300
 tnnantntnc ancctcctc ntancnttcn ctannncat cctttnccn cntcancct 360
 ctaacnctc annctcctn tntnccanat tcatnccnt nnttnancct tntctcctt 420
 ntctatcatt ctacnctatc ctctcctaac ncttttntt cncctcacnn tctctntaca 480
 ctcnccanc nacnaacca cntannccct ctncnttcc tctntantac ntntcncatct 540
 tccnnncann tnatctnac ntantntntc attnacacnc tcnncctann tatntntta 600
 tctctanccc ctctantat ntctccatn ctcaactntc tcacctctcc ctctanatcc 660
 ncctntnta gnnactcctc tgtttnctgc tantattncn tatacctctc cncctntact 720
 ntnttttata tntacancct nctnnctnn cctcncntnn acncntnaat accctcatct 780
 tatactntnt ntncnctnn tatctntatc ttananccta cantnttct cataatcna 840
 nnnactctn tanntgcaca tntanactnc cncncanc tctttatacc tntctatac 900
 ntcacnctc ntanctnact cnatnactnn catacactca natncacctn ntntnatntc 960
 nccatatatn tntantantc cttctctcna tattatatat ntntctntct ntncctntct 1020
 ngnnctctnc tntatcanac tctctatncn caccaactat nnttcnann ncnncctttc 1080
 acnnntnac cantctttn nancnctatc ntctctccta tccacttnna tcntaactct 1140
 ctcatatacn cnatcatnt cnnntncnac nctctntnt ctncancct cttntctact 1200
 acnnttatct actcactcta tntctctnn ctctacanc tcnctntcgt ntccacntta 1260
 tctnnnnca ctatctctnt cactctnanc ntaaacctcc tccctntnca tntcactntc 1320
 ctatnccatt tctcaatanc actcncnac ncattctct ntncatcta tctctnccc 1380
 anctctctn tctcannnn tngttntct atcagnact ctatatant tatctcncatn 1440
 cttnatatca canncatnnn cttctcnnac tcatatntn ctntantnta ctatctntt 1500
 cct 1503

<210> 4724
 <211> 1309
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1309)
 <223> n = A,T,C or G

<400> 4724
 cantgnaan tntcccgacc tangactagg tnnaccnnc angnggggaa aaaagcccc 60
 caganagnnn gaggtttgga ggnggggaaa aaaganncg ggggggaggg gggggnttg 120
 gaaaannngg anacggggg gcacgnnngc gngcgacnc ntntttttt cncccccgc 180
 nccntntnt tcccncnc gncggagt gncnngnagn gggggnggn nnnnaganaa 240
 ganggggggg ggggaanann gttggggngg gggggncna gagnggggg gncnggcnga 300
 nannangcnn gggggggggn gagcagang angngncaa gggggngng gngngngnga 360
 ggnanagcan gngaggggga gngngaagag ngnggagagg gnaggngagg ngngngngng 420
 ggnagnanc ngngaggnag nanaggggaa gngnagnng ngggggggng angaggggga 480
 cgnnnnnng nngcngagna gnggggng ngnnanncna ngncggngga ngnaangnna 540
 nggnngngg cnggcgnnaa gagngganaa ngggagngcg ngggggggcg gngngancgn 600
 ggnagnang anngnggcn gagangnga gngngngng gcgaanggg nnggngngng 660
 gggngnggg cgagagnggn ngngngngg cangtnaaag gnnnaggga gaannngnac 720

acggaccggn	ngnggaganc	gnggacgaaa	nngnnnagac	gngnggacga	ganacgcgng	780
gnanngangn	ngggntggg	annagaggag	cgcnngagaa	cgcnennng	gaganngang	840
gagngagagn	gnggnacggg	nnnanngcgn	gcaagagaga	gacgagngac	gcggagngng	900
agagagagag	acngaggaga	gaganannaag	acngacggag	agcacggcg	aggnnnncgc	960
gacgacagag	aggnaggacg	naganaggng	anncgannga	gagggncnca	ccggaannac	1020
gnggagacna	cnnagngngc	gaggaacacg	gngcgcgana	ggaggagaac	ncgngangga	1080
ngacgncgng	nancggnnga	cacgnangcg	ngagagannn	agagagggac	gcacgaagnn	1140
cggaagagcn	gangggaaga	nnannancga	gnnngagaan	cggagngagc	anaagggagg	1200
angggtcaga	ngagaganag	cacaancgng	agaggngngan	nnaggacgac	ggnggagaga	1260
gaancangng	ggnagaagnn	cngancagga	agggcgnggg	naggngcgc		1309

<210> 4725
 <211> 1359
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1359)
 <223> n = A,T,C or G

<400> 4725						
aaaaaaaaaa	aaacccccnn	ggggggnanc	ccctnctaaa	aaaatnnagn	nacctnctgn	60
naagggcgna	aaacnnnncn	ccctcnnanc	aanatnnacag	nnccccccct	aaaaaccatc	120
cagggaaana	ttaaaggggg	cgtncctntg	ggggggggnn	nnnnnnnnnn	nnnnnnnncc	180
cnnnnnnncn	nnnnnnnnnn	nnnnnnncnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	240
nnncnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	300
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	360
nnccccnnnn	nnncnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	420
nccccnnnnn	nnncnnnnnn	nccccnnnnn	cccnncnncc	nnncnnnncc	nccccnccca	480
nnnnnnncnc	nnnnnnnacn	nnccnnncnc	naccnnnnnn	nccccnnnnn	nnncnnncnc	540
nnncnnncnc	cnnaancnnn	ccnnncnnnc	nnnnncnnnc	cnnncccnnc	ccnnncnnnc	600
nnnnanncnc	nnnnnnccnn	ccnnccnnnn	nnannannnn	cnncnnnnnn	nnanccccc	660
acncncnnnn	cnccccnnnn	cnnnccccnc	nnncnnnnnn	canancnnnn	nnncnnncnn	720
nnncnnccnn	cnncnnncnc	nnnnnnnnnn	nnccnnncnn	ccnnnnncnn	nacnnnnnc	780
nnccnnnacn	cnnaaccnnc	cnncnnccnn	cnnnccccnn	nnncnnccnn	nnnnccnnnc	840
nnccnnnnnn	nacnnnnnnn	cnnnccnnnn	nnnnnnnnnn	ccnnnnccnn	cnncnnccnn	900
nnnnnnnnnn	nnncnnncnn	nnannnnnnn	nnnnnnnnnn	nnncnnnnnn	cnnnnnanncc	960
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	ccnnnnnnnn	nnnnnnnnnn	nccnnnncc	1020
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	1080
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	1140
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	1200
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	1260
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	1320
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	1359

<210> 4726
 <211> 10
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(10)
 <223> n = A,T,C or G

<400> 4726
 nnnnnnnnnnn

10

<210> 4727
 <211> 789

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(789)
<223> n = A,T,C or G

<400> 4727
nngctctncn atnnntgng gnettgctcg ntaccncnan ncngnggna atcgattggg 60
cccagagtng atnnatgnat actactcctg cgcgtcagtt ctacttttt ggggccctgc 120
cggtggatn acngtacanc ctaaannngg anctnctacc tggccctcta cangcagatn 180
atcanncngg acaagctagg ctgncgcgc acggcgctgg agtactgcan gtcattctg 240
agtctcgagc cggatgagga cccctctgc atgctgctgc tcatacgacc acctgncctt 300
gcngncccg aactactagt acctgatccn cctnttccan aagtgggagg ctcatnnnaa 360
cctgtncag ctccntaatn gtgccttctn tgttccactg gcntatttcc tgctgagnca 420
ccagacanac ctncctgagt gtgancagag ctatgccagg cagaaggcct ctctcctgat 480
acagcangcg ctccatgt tccctgnagt ccttctgccc ctgctcgagt cttgcaagt 540
tncggccnga cgccagngtt nacagtcacc gctnctttgg gacccaatgc tgaaattaag 600
ccaaacnct gcccttgacc canatggtna acctgtgacc tttggnaagg tcacactttt 660
ttnttgaaa aanaaccng gcancnnttg ancttggctg gaaggaaaaa cgtccccgan 720
gatcttcaaa gcaaatggat gccggggaac ccaaaccctg gnaagcctgg ggagaaaccc 780
gggggaaag 789

<210> 4728
<211> 789
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(789)
<223> n = A,T,C or G

<400> 4728
nngctctncn atnnntgng gnettgctcg ntaccncnan ncngnggna atcgattggg 60
cccagagtng atnnatgnat actactcctg cgcgtcagtt ctacttttt ggggccctgc 120
cggtggatn acngtacanc ctaaannngg anctnctacc tggccctcta cangcagatn 180
atcanncngg acaagctagg ctgncgcgc acggcgctgg agtactgcan gtcattctg 240
agtctcgagc cggatgagga cccctctgc atgctgctgc tcatacgacc acctgncctt 300
gcngncccg aactactagt acctgatccn cctnttccan aagtgggagg ctcatnnnaa 360
cctgtncag ctccntaatn gtgccttctn tgttccactg gcntatttcc tgctgagnca 420
ccagacanac ctncctgagt gtgancagag ctatgccagg cagaaggcct ctctcctgat 480
acagcangcg ctccatgt tccctgnagt ccttctgccc ctgctcgagt cttgcaagt 540
tncggccnga cgccagngtt nacagtcacc gctnctttgg gacccaatgc tgaaattaag 600
ccaaacnct gcccttgacc canatggtna acctgtgacc tttggnaagg tcacactttt 660
ttnttgaaa aanaaccng gcancnnttg ancttggctg gaaggaaaaa cgtccccgan 720
gatcttcaaa gcaaatggat gccggggaac ccaaaccctg gnaagcctgg ggagaaaccc 780
gggggaaag 789

<210> 4729
<211> 1064
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1064)
<223> n = A,T,C or G

<400> 4729

cnttactaan	ngnntgctat	cgntctttcc	gnangagecn	agcgattcga	gtggetgagt	60
ggaggcgccc	agacctgggc	aggcagcagg	ctcaggccca	cacctttgng	atthttgaaa	120
ccaaagccca	gannatgatg	tttacttntc	tctccctggc	tctgcccttc	ttactgcaaa	180
ccatgctgtg	ccttagggcc	cttctcatag	ntgttctna	tggccatgac	tggaaacaggg	240
atgcaacctn	ttntacaca	agcacagant	agnttgngtg	aagnntnttt	ntnactccgt	300
ttacaccngt	nnttcnnttc	tanntgccna	nancctcatc	caatcngntc	annnnnnntnn	360
ctcactcnna	cccanccatc	cnannnnntcn	nnnnnaacnn	nanttcnctn	ctntacntnc	420
cctaacncat	caatnnnttt	nnnnnnnatt	annntctctn	antatatina	ctcnatatcc	480
tcncaactnt	tcatactcnc	nattactctt	nnncnntacn	ctcatcacat	acncnttaat	540
nnnnccnntn	ctntatacna	ncatnttctt	nncantctac	ancgactatn	atagtcntct	600
atcnnnntnn	aagncntntn	naatnntntc	tctganacnc	ctcttacgtg	ntcttactnt	660
acntcaatnt	ngctcatcat	cactctcnaa	cggtatactt	catttnngtg	tatatatccc	720
ncatctnctn	tcancactcn	tctctctact	ntatntcnca	cttncgncac	ncacgatata	780
nnatctncta	cactcanaat	cacnnnttat	natcntttta	tanctcnna	tntaacngtc	840
ntntctnna	tcntnctntt	tcganatctc	nncacntntc	tntntatnct	tnttcttctn	900
ctntaatatc	nantcatctt	agtctcnna	nccaanatnt	nancntncac	tctntctacn	960
ttntctnctn	nnnacacttc	tactatctcn	aatatatac	ttntancat	annacnnac	1020
ctanatnant	cctctaannt	aacttcatct	ncntntact	annt		1064

<210> 4730
 <211> 915
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(915)
 <223> n = A,T,C or G

<400> 4730						60
atnnanancn	tanaanctaa	acnattnnnn	tatantnanc	ntnnnnncnt	tttnncnata	120
ctnnnnntntc	cnnnnnntttt	ttaagcmttc	taaagtcttg	gcaategecn	cctantannng	180
gentggngat	ncgcncacgn	acctgctata	gttnngnnac	nnaccacacc	cttnncannaa	240
atcttaacaa	gggggngggg	ataaaanaaa	aacntccaca	attaccttaa	aagggaactct	300
tatgntttca	actacanata	gttgtaaagg	atcatacaca	anatattgat	gatanttgaa	360
atattcttag	aaggggtgtg	tntgtctanc	tgngtctacc	atgngtantg	tattctntgac	420
aagcactnta	aaatacctgn	tnatnnttct	atacattacg	nataatngcc	ataangantt	480
aancntcata	tatntcatca	nccctaattg	aatcannnnn	aaatattttt	attgcccatt	540
anatctaatt	tcacttatac	tatcccnana	atagtaanac	nactacagct	nnttacncna	600
tntaaacctt	tnnnanntnn	cacaatatna	tacgnnannc	canttatacna	ttangnnntn	660
naanaancan	aantncaann	atttccnnt	cnaaatcaca	atthttctn	naancaaata	720
ntncattccn	accncnnatn	ccncagaaaa	tnncacctc	ctatcaatat	ancaatntat	780
tnanaccang	nnncncnant	ncaatgtttt	ctcancattn	nncttntant	ctatntactn	840
cnttcnntta	acanatntnt	tcanaantcc	anattncatt	tcactntnac	tacaccnnaa	900
caanacntca	aaatanaagt	ncanatacan	ccnaantccc	ncatntanna	ctntannacn	915
cantattntcc	ntncn					

<210> 4731
 <211> 1479
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1479)
 <223> n = A,T,C or G

<400> 4731						60
agcctcttaa	actncaantt	ntaacttcnn	nanngnaaac	gncnctctat	atategcngt	120
ancnccttaa	aacatcatga	nattatgggg	gtcttttngg	ggngcnnac	taccatctat	180
catcncctnc	nnntacnang	acccttnta	cnactactnt	cncctctnat	ganngctcc	

gtctnnnnnn	ctcnnntann	ttatctacnn	ctctcttctc	nctctntcat	nnctnnnnaa	240
ncattcctcn	cctcatatcn	actccctctc	aattcancca	tctatatntc	tnanacntc	300
ancattacgn	tattntacna	cacactctcg	naacnecgtc	tnnagatnn	tctctcacta	360
cncnntanca	tnnnatcatc	tcanncnata	ntcttcanac	agnncccttc	ctctccngca	420
tctccttctc	ctcatnctnn	cnmattnann	nncttccctac	tactntntcc	ctntcncacc	480
nnancntanc	cncctntatn	ntcncctccn	tgccntnta	ctccctnccc	cnttcatccc	540
cntntccnac	ttntcancn	nnctnnccct	actnnatctc	ntctntatcn	ccccattatn	600
ctnnnnnncc	tangacnenn	nnctntcaat	tttccccatn	nccnccnnnt	tnnecgtnnn	660
ctttcngcnt	ctcncnttac	ccntntnct	annnctcnt	nanctcnncc	cncctctttt	720
ncantcganc	nacnncccc	tcnacnatct	ntannnnctt	cnnnnnnnn	ntatcantcn	780
cctccncaact	catccatcta	cnnacccnca	ctctanactn	tnnccactnc	ctccactctc	840
tcctctance	tcnctctcan	ntnatccttc	tcctctctc	attannantn	anctccntt	900
tnaaatccnt	cacncatact	naccatcttc	nccaaactntn	tcttntntcc	nattncatnt	960
cctcccntaa	mntanncaat	ctctctnntt	cactcacanc	tnnacactcc	attctcnnta	1020
nnctctcnac	annactcan	cttcnactca	tanactcaca	ctancnntt	tnntctttac	1080
antccnacnc	ntanatttct	ctccnnntnn	atcacanaac	cacatctatc	tactatctta	1140
tcactccntn	tctcacgtnt	ctctctcacc	ntntatnctn	aactctatat	cactcaancc	1200
atactctnat	canactttgc	tcnccactat	atnctctctc	ncaccctact	cncctctaca	1260
tgtnacatc	ttccntcnct	ntataccacn	cantactna	ctnnnccan	actcngccnt	1320
acnctactac	actgcantct	ctatctctnc	nctcgacacn	cncctctngc	ccccactct	1380
cntcttntct	cnnnctcnac	tctctctntc	nantcnactc	teccncacat	ctatatntat	1440
tctctctcct	atctcncctc	ccctctact	canaccccg			1479

<210> 4732

<211> 1764

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1764)

<223> n = A,T,C or G

<400> 4732

cnaccctnca	aaaaattcat	ataccanaca	nnnaggcct	cttggnanng	gcnnccttcn	60
naacatnaat	tgcnagtacc	cnccttnaaa	aaaccatcat	gnaaaataat	ggggngtct	120
tttngggggg	gnggnacnna	antcaantca	ancccatnaa	accacnaant	tcnecgnacc	180
cttaaaccgt	naananatnc	actancanan	natnncctaa	gtanancntt	ctgnnnctnc	240
ncnnacaacc	taccctctan	tnntccctc	ctattnnntn	cntnctccca	cnancnnncn	300
cncntcctcn	cctacatntn	ttccanataa	cncctcacnn	nccctacnnc	cncacatct	360
ntanaacccc	ancacnctc	cccacctnca	nnacatcnac	ctactcnact	nnacantccn	420
ccncccttct	cnnctcnntt	anttcaactac	ctcttnnact	accccaanat	ctacntcccc	480
ctctctccac	ncacanttac	nctctcanca	actnccancc	atnccnccnc	atanacacct	540
naccnccncc	tnntctcccc	ntaaccaaa	nacctccctc	nattcatnan	tnatnnnnac	600
cnnctatccc	accncantan	acntccccc	nnactaaact	caccacctcc	cactactntc	660
tctcctaate	nacntanncn	cntccaccan	ntcantcctn	ctcantctcn	nacaccnntn	720
ntacnatcca	tnnctcnana	ccntctnntc	canacccttn	ctntcaatca	ctnctacata	780
tncccatcnc	tatatantnt	nctctctcat	ctcnatccaa	tcctcncncn	atacanctct	840
ntacatctct	cncnctcate	actnantctn	ctcncctcnac	tnntntcaen	cnacactnac	900
ntntcaennc	ctatccnaca	ccatacatte	tnctccannn	ctaataacca	catctntaac	960
tacnnccaca	cncancnncn	cnacncccat	acnctcctnc	acnncctcat	nnaccaactc	1020
cncnnntan	catcncncna	cactacacaa	ccatcaanna	nnntcctctc	atannacacc	1080
tnntntcac	caentcnntn	tactacact	cactataann	ctctntnncn	ntctancata	1140
cctctnnact	ntcnaccact	ctccctcact	cactctccac	natcaantct	ctcacactca	1200
tatcatcenc	tactctacnc	nttaacnctc	ttatcancat	acatntcate	acttcaacn	1260
cntctntcnc	ancanctanc	atactcncct	mntcncntnc	actctctatc	cntacanctc	1320
aatccaattc	ccactncnct	catncatntc	nctcancan	ctcacctcat	tnactcact	1380
ataannccct	acctcaccnn	acactccctt	tantcccnnc	tctcctactc	acactctcac	1440
tcactctcnc	ctcnacatcc	tcancnnttc	ncanctcaen	ctatcnnncn	tatatntcnc	1500
taatcatcnc	ctntcacana	ctnctntcac	actacacnca	ccctnctcan	ctnctntnt	1560
ccctctctac	tcttctntcc	ancacatctc	tctcactana	cacncatntc	cntccatcan	1620

ancanatan	anancctat	acacnntnca	tactctntnt	atcaatatcc	cctntcaaac	1680
tcnctcttct	tannactacn	ctatcactnt	cncctctcaac	tnctactata	tctcactcan	1740
tctcnnacnc	tacantntcn	ncnt				1764

<210> 4733
 <211> 953
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(953)
 <223> n = A,T,C or G

<400> 4733						
nggtncaccg	naacaacggn	gaatccccc	annncncgan	acagaaaggc	aggggtgngg	60
ccngagagcc	gngcncacng	ggcacancag	cgacctttta	ggcnttnctg	cactgncngn	120
cccactgccg	naannggcac	tnccccacgn	acgagnntgc	aacgagacat	ccgtacgtgc	180
tggaacaacct	tggaagaag	ccgtatncac	nncacangat	aaaancgcc	tggaaccacga	240
gtgccnnggg	cactaccgan	gagccgcctc	cnggaancnt	tnccaagngn	gagcgccna	300
ccgacngtnn	gcngatcaga	nacnggagag	gnggagngag	aagactccng	cngcncgggc	360
ccccctgggg	agccccgnt	ccagggctcg	cncaggacc	ngcngcaca	gangactagc	420
tngcagcnac	cngcnttccc	cagtccannc	tgaaaaacta	caaatnaaa	ngcgggaaaa	480
gcnetgtann	gagaanggnc	ntccnecgan	ctccnaggag	gnaaggcngg	agannncccc	540
gctcgnaaan	gnangnagca	agggaaancc	ccangggncg	ggcccnag	aaggcccccnc	600
ccncaanaa	agaangccac	aacaanccaa	gangcnagca	cgggcnngcc	cngcanaaaa	660
ccccccnnac	acnggaaana	cnccegcgna	nanngcaann	aacngnatac	nggaaangca	720
nagngcncnc	ananaacaag	cgcnncnccn	nacnagggnn	acacaaaann	ccngagcgcn	780
cncgagcgcg	nnnanacaca	angcnagcac	agggacacnc	ncagacgnaa	annnggncac	840
anacncgggn	nagaacccan	cacgaaaccn	acnacncacg	agggagagng	nacnaanaa	900
nncgccccca	cgngananna	aanccaacnn	nncgaanacn	nacggannac	gcc	953

<210> 4734
 <211> 1046
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1046)
 <223> n = A,T,C or G

<400> 4734						
gtanctnatt	nttttgatgg	nctaaatngc	cctaaatagg	nnngngtngg	ggncatacnn	60
cancnangtn	cnnaaatact	nnngntacan	anctatgggc	ancaacatct	nactnnaaac	120
ccttatgnta	aaaanaaacn	ncttgccctc	agccttcaag	cnattatata	ngctctcatc	180
cctncngnnt	acgncgnnan	tatatgtnc	ntnccaccac	nanccagtta	atnctnaagt	240
atcnanatac	taccagcatg	ggtantcaca	anctgntncc	ccagcnatnc	tnaatntctc	300
ngngacctcc	ngancennnc	ncntnnnnct	nnnanngngc	ngncattaca	nncntnanc	360
cactgttncc	ngacctcaac	nttcttacc	anaatgtnt	nccnntgnat	gnanttttac	420
atggcnataa	cactattgcn	tttncaannt	cccnnacctc	ttcnntancc	aananttnnn	480
ntnnctngtc	ncanantgt	cncctcattn	nnannnctcn	tgtnacnnnn	tcnnnttact	540
anntgacct	atnattatac	ngtnnatctn	tacanannct	ncatnnctan	atnttacnnc	600
anattccctc	tttngctcac	tttnncatata	cttctcancn	nactctcgcc	gangtctctc	660
gnnatatctn	antancnct	ntntgnnnna	gcacatcatn	tgctactcta	naaantcnat	720
gagtaggaat	actnnnnctt	cannctcana	aacactctat	ntncacatct	nncacacacn	780
nntagtgcac	atanantcct	cnngangatc	naantctcct	nnanctcgnc	tcnntcgtnn	840
ctncanacgc	nntcactnga	ttctntnnnt	annnacaan	acnatacngc	anaatnacat	900
ncnatannnn	ctntntcacg	nnncatcgta	tnctntnntn	tnntnngnca	nnctnctnnc	960
tgctacacat	ntatancatn	tnntnatcan	tctatncaga	ncantnttnc	atcaaanacn	1020
ntnccnncag	cngtnannca	cctnct				1046

<210> 4735
 <211> 1337
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1337)
 <223> n = A,T,C or G

<400> 4735
 ccnnnaaaaa aatttnaanc cccccgncgt taaaaaancc ctcttaaaaa aaatttggnn 60
 gcctnctgna ggggggcnaa aacnnnnccc ccctcnanac annatnnng ncccccccn 120
 ctaaaaacca tccaggaac aatnatgggg gccthcattt nggggggnc cnnnnnnnn 180
 nnnnnnnccc nnnnnnnnn nnnnnnnnn nnnnnnnnn nnnnnnnnn nnnnnnnnn 240
 cncncnnnn nncnnnnnn nnnnnnnnn cnnnnnnnn nnnnnnnnn nnnnnnnnn 300
 nnnnnnnnn nnnnnnnnn nnnnnnnnn nnnnnnnnn nnnnnnnnn nnnnnnnnn 360
 nnnnnnnnn nnnnnnnnn cnnnnnnnn nnnnnnnnn nnnnnnnnn cncncnnnn 420
 nnnnnnnnn cncncnnnn nnnnnnnnn cnnnnnnnn nnnnnnnnn cccccnnnn 480
 cncncnnnn cncncnnnn nnnnnnnnn cnnnnnnnn nnnnnnnnn nnnnnnnnn 540
 cncncnnnn cncncnnnn cncncnnnn cncncnnnn cncncnnnn cncncnnnn 600
 cncncnnnn cncncnnnn cncncnnnn cncncnnnn cncncnnnn cncncnnnn 660
 cncncnnnn cncncnnnn cncncnnnn cncncnnnn cncncnnnn cncncnnnn 720
 cncncnnnn cncncnnnn cncncnnnn cncncnnnn cncncnnnn cncncnnnn 780
 cncncnnnn cncncnnnn cncncnnnn cncncnnnn cncncnnnn cncncnnnn 840
 cncncnnnn cncncnnnn cncncnnnn cncncnnnn cncncnnnn cncncnnnn 900
 cncncnnnn cncncnnnn cncncnnnn cncncnnnn cncncnnnn cncncnnnn 960
 cncncnnnn cncncnnnn cncncnnnn cncncnnnn cncncnnnn cncncnnnn 1020
 cncncnnnn cncncnnnn cncncnnnn cncncnnnn cncncnnnn cncncnnnn 1080
 cncncnnnn cncncnnnn cncncnnnn cncncnnnn cncncnnnn cncncnnnn 1140
 cncncnnnn cncncnnnn cncncnnnn cncncnnnn cncncnnnn cncncnnnn 1200
 cncncnnnn cncncnnnn cncncnnnn cncncnnnn cncncnnnn cncncnnnn 1260
 cncncnnnn cncncnnnn cncncnnnn cncncnnnn cncncnnnn cncncnnnn 1320
 cncncnnnn cncncnnnn cncncnnnn cncncnnnn cncncnnnn cncncnnnn 1337

<210> 4736
 <211> 1312
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1312)
 <223> n = A,T,C or G

<400> 4736
 ccctnaaaaa aaatttggnn gccccnegg gggggnnnnn nnncccttta aaaaaatatg 60
 gaggcctctg nnggggagna aacnnnnccc ctcnanacat atncaggacc tcctcnaaaa 120
 catcaggana aaanggggtg ctgggggggg gncnnnnnn nncnnnnnn nncnnnnnn 180
 nncctnaanc cnnnananac tnnnnnnnn nnnnnnnnn nnnnnnnnn nnnnnnnnn 240
 gncnnnnnn cncncnnnn cccaaccnnc ncccccccn cncncnnnn nnnnnnnnn 300
 cncncnnnn nctccnnnc ancnnnnnnc ncnacnancn ccacccannn ncnnnnnnn 360
 cncncnnnn cncncnnnn cncncnnnn cncncnnnn cncncnnnn cncncnnnn 420
 cncncnnnn cncncnnnn cncncnnnn cncncnnnn cncncnnnn cncncnnnn 480
 cncncnnnn cncncnnnn cncncnnnn cncncnnnn cncncnnnn cncncnnnn 540
 cncncnnnn cncncnnnn cncncnnnn cncncnnnn cncncnnnn cncncnnnn 600
 cncncnnnn cncncnnnn cncncnnnn cncncnnnn cncncnnnn cncncnnnn 660
 cncncnnnn cncncnnnn cncncnnnn cncncnnnn cncncnnnn cncncnnnn 720
 cncncnnnn cncncnnnn cncncnnnn cncncnnnn cncncnnnn cncncnnnn 780
 cncncnnnn cncncnnnn cncncnnnn cncncnnnn cncncnnnn cncncnnnn 840

cnnnnnccnn	nncnncann	nnnnaccnnn	ncnnncnnnn	cnnncannnn	cncncaann	900
cacnnncnnc	cncnncnnnc	ncacacnncn	annnnancnn	anannnnnnn	nannncnann	960
ccnccnnnnn	cnncaenncn	ncncannccc	ncnannncn	nnnnncnnnc	acctncnnnn	1020
ancnncnncn	ncnnncnnnc	nnnnnnncnc	acctnccaa	cnnccnccnc	ncaacnacnc	1080
cctancnann	cnncccnann	ncncccnccn	cncanncnan	tccnnntccn	cacnctcnc	1140
accnancca	cncntcccnc	ncannanaca	ccnccccnc	cncnccnncn	ancnncncc	1200
nanaaccccc	naccnacccc	tnacccccnc	ccccnaccc	ctcannccca	cancncccn	1260
ccncannccc	cnacncccc	acnnntccnn	ccctccnanc	ncncccccn	cc	1312

<210> 4737

<211> 715

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(715)

<223> n = A,T,C or G

<400> 4737

gtntttatnc	cngnncctctt	gttctttttg	caggatccct	cgnttcgaat	tcggcacgag	60
gnactaggct	cgcgnnntgt	ntntttntn	tntntgat	tacnccatag	gtttngggtn	120
acnatnaatg	tttgcattn	ntttnaaagc	ntagctctta	ctaancattc	tttaacaaaa	180
gctaataatc	nnanatanat	ttgccatacc	gaaactatct	ncncaaanaa	nactttannc	240
cantatnnna	agctnaagan	ttaganaaan	tacaaaacac	tgctatgagt	caatngaact	300
gctatcattg	aatttgctgc	atttanaatg	acataaacat	actgaacatc	aaaacaatgg	360
natggattta	ttctatanga	ctagccttaa	gaatgacata	canttngcga	nttcctttaa	420
aatnatnttt	ttacnacaga	ntccatttga	acnaagggtc	tttttttccc	ctcatttnan	480
gggaagacnn	tcnatgtttc	ccaaacnnat	cctccnttca	tactananta	gcaaactgtg	540
gcctcnatct	ccnnttcag	atgctactta	tanatnactt	ttgcataata	acttaaatta	600
gaattacttt	ncttggnaac	agtgtcacgg	ccataaaaatn	antccanttt	taaaaaaaca	660
nacttcaagn	gcaaattnta	gaaaacttcc	tttaaagaan	taccnaaccc	agccc	715

<210> 4738

<211> 706

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(706)

<223> n = A,T,C or G

<400> 4738

nctaagtctg	gctacttggt	ctttttgcag	gatcccatcg	attcgaattc	ggcacgaggg	60
ccgctttccc	tctggaccac	ctcccgtgc	gtttcctact	cagagaaaca	gcaagggcgg	120
ggtcaagaca	cgggatgacg	ggaagcagga	agcggggcag	cagcacagcg	tggggtcctg	180
gcaactgcag	ccaggccagg	atgcccaccc	cgccctctac	acggccccctt	ggggcctgcg	240
cccgtagaac	tggtgccagg	gagcaactgc	agcttgccag	tttctgcccc	gcaaaagcac	300
gtatgcttca	ggggccttct	gagaccacct	tccccactga	gccccagctg	ctgagaaggg	360
cttgagggaa	gtagaggctg	ggagcaaata	ccccatgcgg	tgagaggatg	aggggagcct	420
acgcctcagg	catgtggtga	gaggatgagg	gggagggagc	ccacgcctca	ggtggagtgg	480
gcagaggtgc	aagagagggg	tgtactgaag	cttcttcccc	tcctgccaca	gacacttctc	540
ctgccttccc	accctgaccc	ggcagaaccc	accaagtgcc	tgtgtgcagc	ctcctgtgcc	600
tcaccagggg	cctgacccca	gagtgggtccc	aacaaccggg	tctcatgccc	actccccatc	660
cctgcttncc	aaaaattgca	ctgtgtgcag	tttgcaacaa	agaatn		706

<210> 4739

<211> 706

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(706)
 <223> n = A,T,C or G

<400> 4739
 nctaagtctg gctacttggt ctttttgcag gatcccatcg attcgaattc ggcacgaggg 60
 ccgctttccc tctggaccac ctcccgtgc gtttcctact cagagaaaca gcaagggcgg 120
 ggtcaagaca cgggatgacg ggaagcagga agcggggcag cagcacagcg tggggtcctg 180
 gcaactgcagg ccaggccagg atgcccaccc cgcctctac acggccccctt ggggectgcg 240
 cccgtgaaac tggtgccagg gagcactgcc agcttgccag tttctgcca gcaaaagcac 300
 gtatgcttca ggggecttct gagaccacct tccccactga gccccagctg ctgagaaggc 360
 cttgagggaa gtagaggctg ggagcaaagc ccccatgcgg tgagaggatg aggggagcct 420
 acgcctcagg catgtggtga gaggatgagg gggagggagc ccacgcctca ggtggagtgg 480
 gcagaggtgc aagagaggga tgtactgaag cttcttcccg tcttgccaca gacacttctc 540
 ctgccttccc accctgaccc ggcagaaccc accaagtgc tgtgtgcagc ctcctgtgcc 600
 tcacccaggg cctgacccca gagtgtgcc aacaaccgg tctcatgcc actccccatc 660
 cctgcttnc aaaaattgca ctgtgtgcag tttgcaacaa agaata 706

<210> 4740
 <211> 1446
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1446)
 <223> n = A,T,C or G

<400> 4740
 cgggntttta aactnctaaa tanntgngct tccantaggn gaaaacgtgc acccttaaan 60
 atatttnagn ccnncctnna aaanatcagg gaaattatgg gggctntttn ggggggnntc 120
 tcagctntan tcntananta tntatanann ncnnncnnnn nntacanaag ctcaatatgn 180
 natactnct ntccacgtna ntatnacna tantnncnat actacttcat cntcnacaan 240
 ntccgcantn ncnaatatt tntnttcttc ataatatcca ntatnntctn cattaatcan 300
 ttncatact tttactnate ncttntcttc ntctatactt ntccatncta ntctactnnc 360
 ccttccctnnn aaatntantn ntnantnct caatacannc cnntcatcct tannnnnnnt 420
 ccncatanac antnancctt actnccnnc acctttcnnc aataattctt anacntnana 480
 cnctnnnnnt natncatana tcacntcntn anctttannn atcntaccac nnannncttn 540
 tactnctnan acnttatnt natcttntc natatacttc nacanatttc cntttanttt 600
 tatenanact attcanctna ctnatnatnt tcttattctc actnaanaana tntntnct 660
 caatntcata tntctctnt tntcttntt ctntactan tntncatcat ncctnatcta 720
 acatntctct cntanannca ctcatnctt tattatnata nactntattt ttnctaatac 780
 tntantnat ctctatctnt ntcactnctn atcttnant ntatatncta tatcatctac 840
 tctnccant accntcctna acnntatcta ttanncacac atcatctnt ctanactntc 900
 tctattntan cntaatctc ncncatanac tngttntat cnctnnctnc tcantcnctc 960
 nncanactat actntatngc tnntanctac taatactctc tatectnctc tnnanatnta 1020
 acagtcactc tnatatanta tnntntaca ctcanatcac ctctcnctta nantntcaca 1080
 cacatnttat ntataatatn tccatatcac aagcatntac nctntacaca catntntanc 1140
 tcatactcan ctctanntca cttcacnnat gactctcagt nctaccanct ncctcaattc 1200
 aatcatnctn canctntnta tcaactnta attatatn tcttaagtc nanatgtnac 1260
 taantgacta tntnaatctn tcatntcta acntccatat cacatntcta ctatcaatat 1320
 atacttanaa tctcaagct ctanacccc tcaacaccta cgntnctact atatatcatn 1380
 ttnacntaca nnnntctata tnntcacaac tataatntana nnttanntac nctgntntat 1440
 nnanat 1446

<210> 4741
 <211> 1446
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1446)
 <223> n = A,T,C or G

<400> 4741
 cgggnttttaa aactnctaaa tanntgnngct tccantaggn gaaaacgtgc acccttaaan 60
 atatttnagn ccnnctnna aaanatcagg gaaattatgg gggtcntttt ggggggnntc 120
 tcagctntan tcntananta tntatanann ncnncnann nntacanaag ctcaatatgn 180
 natactncnt nttcacgtna ntatnacna tantnnnat actacttcat cntcnacaan 240
 ntccgcantn ncnanattat tntnttcttc ataatatcca ntatnntctn cattaatcan 300
 ttcncatact tttactnatc ncttntcttc ntctatactt ntccatncta ntctactnnc 360
 ccttctnnm aaatntantn ntnantncct caatacannc cnntcatcct tannnnnnnt 420
 ccncatanac antnancitt actnccnnc acctttcnnc aataattctt anacntnana 480
 cnctnnnnnt natncatana tcacntcntn anctttann atcntaccac nnannncttn 540
 tactnctnan acnttatnt natcttntc natatactt nacanatttc tcnttanttt 600
 tatchanact attcancnta ctatnatnt tctattctc actnaana tntntnncnt 660
 caatnccata tntctctnt tntcttnt ctentactan tntncatcat nctnatcta 720
 acatntctct cntanannca ctcatnnctt tattatnata nactntattn tntctaatac 780
 tntantcnat ctctatctnt ntcactncnn atcttnanct ntatatncta tatcatctac 840
 tctnccant accntcctna acnntatcta ttanncacac atcatctnt ctanactntc 900
 tctattntan cntaatntc ncncatanac tngttntat cnctnnctnc tcantcctc 960
 nncanactat actntatngc tnnantctac taatactctc tctcctncnc tnnanatnta 1020
 acagtcactc tnatatanta tnnntntaca ctcanatcac ctctcnctta nantntcaca 1080
 cacatnttat ntataatatn tccatatcac aagcatntac nctntacaca catmntantc 1140
 tcatactcan ctctannntca cttcacnnt gactctcagt nctaccanct nctcaattc 1200
 aatcatnccn canctntnta tcaattnta attatatatn tcttaagtcc nanatgtnac 1260
 taantgacta tntnaatctn tcatnttcta acntccatat cacatntcta ctatcaatat 1320
 atacttanaa tctcaagtct ctanattccc tcaacaccta cgntnctact atatatcatn 1380
 ttnacntaca nnnntctata tnttcacaac tatatntana nnttanntac nctgntntat 1440
 nnanat 1446

<210> 4742
 <211> 734
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(734)
 <223> n = A,T,C or G

<400> 4742
 tngtaccaat tatctgctgg ctanntagcc taaanagntt ggtcngggcg aattcggcac 60
 gagggnaaag cagnaagtaa tgagcttgct cgctcagctgg tagctttcat tcgtnaaaga 120
 gataaaagag tgcaggcgca tcgaaaactt gtggaagaac agaatgcaga gaaggcgagg 180
 aaagccgaan agatgaggcg gcagcagaag ctaaagcagg ccaaactggg ggagcagtag 240
 agagaacaga gctggatgac tatggccaat ttggagaaag agctccagga gatggaggca 300
 cggtagcaga aggagtttgg agatggatcg gatgaaaatg aaatggaaga acatgaactc 360
 aaagatgagg aggatggtga agacagtgat gaggccnagg acgctgagct ctatgatgac 420
 ctttactgtc cancatgtga caaatcnttc aagacanaaa atggccatga agaatacaga 480
 gaagtanaa aagcatcgga aaatggtggc cttgctaaaa caacagctng angangaacg 540
 aagaaaattt ttcaagacct caaattgatt gaaaatccat tagatgacaa ttcttgaggga 600
 agaaatgnga aagatgcacc aaaaacaana agctttctac acantnaaat ccnannaact 660
 ccatcctct anaactatnn gtgagtcctt nttacntcna tccagacatg antancnata 720
 cnattgatgg aacc 734

<210> 4743
 <211> 1226
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1226)

<223> n = A,T,C or G

<400> 4743

nnnggggttna	cnccttctaaa	atnttnnnct	tncnntgngn	caaanggggg	cccctctnan	60
natnttcaga	nccncctnaa	aaanatccag	ggaanatttt	ggggggtctt	tttgggggnc	120
tcctttatna	ncnatccann	nataatcatn	nttcnctcta	natgctnann	ncanatata	180
tcaagatctt	cnnctcncnt	cancntnctt	catanntact	taactnataa	tatcatatta	240
cactcntagt	cttntacca	canccttnnc	tcatttaatn	acncctaant	cactctattn	300
tnccntcatn	tanattnnat	catcatncac	tcttntttnt	nttatctcta	nctanancat	360
cntatatttc	tactcaanaa	ttatcnncn	nntantcana	tcaccnctca	taatnttntn	420
nnnnnnntnc	cctaanaacct	ntactantnc	antctnanth	cnnctnnncn	nttccntnc	480
tentnttnt	nntantcant	ntcnncnncn	tcnnttntct	ntntananc	anccatntc	540
ttgcnnattt	cnaccnann	catatccan	cctntanath	tacatcnct	nttctactnn	600
ntcnntnt	ncctnnantn	cttancatat	atttantnct	ntnncanath	atattannnt	660
tcctnttnat	atntcttact	attcnctntc	cnatattcan	ttctatnanc	tcanntactc	720
annntnctta	tgntttatcc	tcttctctct	atctntcnca	naantctcta	cactnncnnc	780
nttatctatc	ntctancact	cttactctat	atctntntat	ttatcactca	ttccacnctn	840
tcctcttntc	tcanatctat	ncactatcta	cctatatata	tentattntn	cttataccnc	900
ctatattctn	taatcattca	tanntaccaa	cntacatcat	tcncaccttn	tatactcat	960
natctatnct	attctactct	acatacanct	catagtcant	antctatctc	antcctcan	1020
catctcactc	nnnatctaac	ntncantnta	tctatctctc	cnatctatat	tctacnctat	1080
acnacactac	nctctcttna	tnnctctnt	atntcnntct	tantattntc	tctanntecn	1140
tatntatnct	catcnnacan	atatccatnn	ttgcncnanc	cnannatctn	cncctctctc	1200
nttatctana	ctgntctntc	tacanc				1226

<210> 4744

<211> 747

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(747)

<223> n = A,T,C or G

<400> 4744

gnnnnngagn	gggggnnttt	nnnnnnaccg	aagaacnct	ggaaaccccn	ttgaattcaa	60
aaccatgnnc	acaagctact	tggtcntnga	gcaggaaccc	atcgactcgn	aanttnnccg	120
aggggaggag	gaccacnggc	gcccggncag	ccacaccnng	aaatggggga	gcancgcncn	180
gggnaggggg	gcccancga	aatgnggca	gnccgnaagg	anaaanacgc	aagganncag	240
agcaggccca	acngnggnga	aagggaaanag	cannagccgc	annnggggcc	gnaacgccnc	300
gcacaaaaac	atgcggagca	agagcnccca	tggaagaacng	anggggcccc	gcaaagnagc	360
gctagnncaa	gnnagnacgn	anaacnncna	ngngaangtg	gcngcangag	nacnacagaa	420
ancgactggg	nacccaaggc	cagccngaca	acnccancna	aanaccganc	tgnnangcng	480
cagagnanga	actgggatga	aacaaannag	gaaggcggt	ggcgaagagg	ncaactaggc	540
agcgaacaaa	accnccacca	agnggancaa	ggangccang	gngagacgcc	agacgcntnt	600
gccgatgca	ggaacgaaa	gggacnnang	ncgacatcna	nancccnaga	agngaacagg	660
agnnnacgca	agcccncga	cnaagaagn	gagatgggct	gaacagnnna	nnatgtnatg	720
ngcagnnnaa	nagagngctc	aacgnaa				747

<210> 4745

<211> 1064

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(1064)
 <223> n = A,T,C or G

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<400> 4745
cnttactaan ngnttgctat cgntctttcc gnangagccn agcgattcga gtggctgagt      60
ggaggcgccc agacctgggc aggcagcagg ctcaggccca cacctttgng atttttgaaa      120
ccaaagccca gannatgatg tttacttntc tctccctggc tctgcccttc ttactgcaaa      180
ccatgctgtg ccttaggggc cttctcatag ntgttcctna tggccatgac tggaaacaggg      240
atgcaacctn ttntacaca agcacagant agnttgngtg aagnntnttt ntnactccgt      300
ttacaccngt nmttcnnttc tanntgccna nancttcate caatcngntc annnnnntnn      360
ctcactcnna cccanccatc cnannntcn nnnnnaacnn nanttcnctn ctntacntnc      420
cctaacncat caatnnnttt nntnnnnatt annntctctn antatattna ctcnatatcc      480
tcnactntt tcatactcnc nattactctt nncnctacn ctcacacat acncttaat      540
nnnnccnntn ctntatacna ncatnttctt nncantctac ancgactatn atagtctnt      600
atcnnctnnn aagntntnt naatntntc tctganacnc ctcttacgtg ntcttactnt      660
acntcaatnt ngctcatcat cactctcnaa cggatactt catttnngtg tatatatccc      720
ncatctnctn tcancactcn tctctctact ntatntcna cttncgncac ncacgatata      780
nmatctncta cactcanaat cacnnnttat natcntttta tanctcnna tntaacngtc      840
ntntctnna tcntntntt teganatct nncacntntc tntntatnct tnttcttnt      900
ctntaatatc nantcatctt agtctcnna nccaanatnt nancntncac tctntctacn      960
ttntctnctn nnnacacttc tactatctcn aatatatac ttnntancat annacnncac     1020
ctanatnant cctctaannt aacttcatct nctntntact annt                        1064
  
```

<210> 4746
 <211> 1471
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1471)
 <223> n = A,T,C or G

```

<400> 4746
ccccngcac acaangncnc anannnnncan cgannagcgc ntgcagagac agcgcgnnna      60
cncnnnnnca cagccannca nnnngnna nca cgacgnnngg gcnggagnac gnagannncnc     120
nnacacnnng nnngnana nancngnanc acnnnnggna cgcngncnnc gagnacnnng      180
accncagcga nagnnncata nnnngggggg cnnnnagagg gagatccgcy cacagnattg      240
ggcantcctt ttttgggna aaaccggnt tgggagaaaa aacccccatn acgacagnga      300
gacagaggag aganngcgc cnnngnaccc agncacgtnc gcgacgtccg ancagccccg      360
acgcnnggagc gaggagcna gnaacnncc nccacnncnc acgcnna nannnnnnang      420
gggngacga tataagcacc gancngcna nnatctcna ntcannannn ncacacncca      480
gcaanngcc nncngcgcna nnaanncca gnaacnnagg cncnnanann nncnancnnc      540
cnannnnngn ggacnnnnnn nnnngnnnnn gcgcannanc cccgngnnng nnnngnacca      600
nncccgccnc ncnnnnnnaa annnanannc taacaaactn nnnnnannnn ncnngncng      660
cnnaagnacn ncaggannnn canncananc nccnncnanc accnngncnc cnnaanngaa      720
gnantcnnc gncanctnac ngcancnnc gncangcnc nacannancg cnanancntg      780
ncgagacata nncgacgaga nncantngcn nntnnntnta ntntacannn cgcccganag      840
cntcngacag ncgntnctc gacagcntnn cgcacacnnt ggntgantcc ngagncatat      900
agaatcagcg nnnangcaga cacnacnag agnangncan ctcnacgacg anacaacatc      960
gcgngganc annnnggnga cgantccnaa nnancagnng nncntacgca ganccccacc     1020
ncgaaannna tncanctann cagctngcna nggacanaca cgcgngnngg cacaagacga     1080
gccagacngc annacgcgng ngccncaactn gnctcacgcc acagaacann ntacacnagc     1140
gccngcnaga gcncacacag nggtnagana nggncncgcn cntnnatgcc atngngaacca     1200
cgagacgca ccgagacatn nnacaangcg ctgcgcgaga gncnannncnc nagacggccg     1260
tatnagnagn gancacanc nannngnnga gcagcnnnan cgcanagnga gagagcacnc     1320
agngganaca cgccgtagac cnnntcngg ncgcncccgc ncnggnagca nntnnnnccn     1380
ntntagacan ncagcgtgn nngacatann gnaccatcat gtacncagcc agcnnantag     1440
agntnncan acggcagcna gcagcannn c
  
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<210> 4747
 <211> 915
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(915)
 <223> n = A,T,C or G

<400> 4747
 cgaccagaac ngcctngaaa tcccacaaac gaggagcaan cgacgcgaag acggcacgag 60
 agcgcgaggg aacgnccccc ccattntntn ccacgctggg aagaccaaca cccnccggag 120
 cgcnanacag cccccccagc gcggangcaa ncgangaccn ncggacagca cncacgggnc 180
 ggancacagg acgcncgccn cnnngcncg gaaccnggac cagccaanag cgcngctgng 240
 ccngacngag nncnccnaag gncganaanc ccgagcncgc agaagaancc ccgggggaacg 300
 agcngacggg anccgcaaaa aggcaccnaa gacacaaggc gcaccacgag gcncggaccg 360
 ngncccnagc ngcccganag ccaacacagg ncannngnag ngacgnacag aaccggaaan 420
 caacngccac acaaaggngc caaccgnacg cnacnggggg gcccnacaa gggnaaagac 480
 ccaggaaancc aagngggccn ggncnanccc cnggaaanng accnggcaan nngggcnnga 540
 agaaaaaacc aaaggccnag cgaancngaa acccangcag ccagagcacg nanaggnaag 600
 cggcaanaaa ccgganaggc cccaggangg accgaaagna ccnggggngc cccaangccc 660
 agggccaaaa cgcncagaaa aagggnanna accaaaggcc cagngngccc cgaancaccn 720
 nnnacgacc nagganaacn aganaaacc gcgaccaacc cnanaanncc ggncaanna 780
 canaanccat ccncaggggn gaaggancac nngccnncc ncnanncaa nccaaagccn 840
 ncacaaangg ccacaggnc anagcanncg nacnaccgcc anacaangcc cagaanannc 900
 ggggganng ngccg 915

<210> 4748
 <211> 789
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(789)
 <223> n = A,T,C or G

<400> 4748
 gtttnannan cagctcttgt tctttttgca ggatcccatc gattcgaatt cggcacgagg 60
 agaaggacgt gccgtgccgc tgggttctga gccggagtgg tcggtgggtg ggatggaggc 120
 gaccttggag cagcacttgg aagacacaat gaagaatccc tccattgttg gagtctgtg 180
 cacagattca caaggactta atctgggttg ccgcgggacc ctgtcagatg agcatgctg 240
 agtgatatct gttctagccc agcaagcagc taagctaacc tctgacccca ctgatattcc 300
 tgtggtgtgt ctagaatnag atnatgggaa cattatgatc cagaaacacg atggcatnac 360
 ggtggcagtg cacaaaatgg cctcttgatg ctcatatctg gtcttnanca acctgtntnt 420
 tgaantcng naccnccnat gtgnaaatcc cctntntaac ttctcaagnn tcncnngttt 480
 nggncnttct ttaaggtgc cctttggggc cttttctggg gnaantttta anaangcana 540
 nnnngcgttt ttaanagggc tnttttnggc cccccctnt ttttnaaaaa atttttnt 600
 taaaaaagg gggattccnt tnttttnaa aaaanccaag ggnnncncc gggggccaac 660
 nttnnggnat taanaaaaat tttnggnngg tnatncaaa taaaantntt nttttggan 720
 ggaaaatttg naaaaaann nnnnnntnnn nnnnnntnnn nnnnnnnntn nnnnnnnnt 780
 nnnannct 789

<210> 4749
 <211> 10
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1)...(10)
 <223> n = A,T,C or G

<400> 4749
 nnnnnnnnnn

10

<210> 4750
 <211> 749
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(749)
 <223> n = A,T,C or G

<400> 4750							
gagaggnnnn	ttttnaanat	cagctacttg	ttctttttgc	nggatccctc	gatttnaatt		60
cggcacgagg	tcacacgggg	ccacatctgc	tggtgcccg	cggtgctctc	tgcagcaagc		120
ccagcctggc	cattgctgga	ggctcctggag	cccacagtgc	cttggcctta	aagagctcac		180
ttgagaaacg	gcttggtccg	gtgggggtggg	gggtggattg	aagactctga	gacgagcagg		240
gaactcagaa	cactgagtcc	ctatttgatg	ttaaaatatg	accgttaaac	ttctgggtaa		300
gataatgaat	ggcactatgg	tttatactgt	ttctgttnta	tgggctcttn	cagagacgtg		360
aactggaaaa	ggctctgcan	tgtctgggat	tcgctcaatg	ctgcagggga	gggcaggtgt		420
gaggggaatg	gccctggagg	gtgatggggc	tggggcatcc	gatgcagctt	tatagttctg		480
taattaccac	ttttaaactt	tttattacga	aaaatgtcaa	ggaccctgga	attaccgtga		540
ggtaggcagg	ataatgggcc	cccaagatgc	ccgtgttggtg	acccccaaga	cctttgtgag		600
tgcttcacat	ngggaaattg	gcctangtca	tcttgcangc	ccanggcaag	ccccattggc		660
ccttaaagct	tgananctt	tcctgctgga	ntttganaga	tgccngaanc	annanaagnt		720
anaaacccct	nggaagggcc	ntacttcct					749

<210> 4751
 <211> 708
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(708)
 <223> n = A,T,C or G

<400> 4751							
gntctcatnn	tggnaggctc	ttgttctttt	tgcaggatcc	catcgattcg	aattcggcac		60
gaggtgcgac	gaaggagtag	gtggtgggat	ctcaccgtgg	gtccgattag	ccttttctct		120
gccttgcttg	cttgagcttc	agcgggaattc	gaaatggctg	gcggtaaggc	tggaaaggac		180
tccggaaagg	ccaagacaaa	ggcggtttcc	cgctcgcaga	gagccggctt	gcagttccca		240
gtggggccgta	ttcatcgaca	cctaaaatct	aggacgacca	gtcatggacg	tgtgggcgcg		300
actgccgctg	tgtacagcgc	agccatcctg	gagtacctca	ccgcanaggt	acttgaactg		360
gcaggaaatg	catcaaaaaga	cttaaaggta	aagcgtatta	ccctcgtca	cttgcaactt		420
gctattcgtg	gagatgaaga	attggattct	ctcatcaagg	ctacaattgc	tggtgggtggn		480
gtcattccac	acatccacaa	atctctgatt	gggaagaaag	gacaacagaa	gactgtctaa		540
aggatgcctg	gattccttgt	tatctcanga	ctctaaatac	tctaacagct	gccagtgttg		600
gtgattccag	tggactgtat	ctctgtgaaa	aacacaattt	tgcttttttt	gtaattctat		660
ttgacaagtt	tggaaagtt	ttagctttcc	accaaccaaa	tttctgct			708

<210> 4752
 <211> 737
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(737)
 <223> n = A,T,C or G

<400> 4752
 ggnnttttnan tctacanncn actggctact tgttcttttt gcaggatccc atcgattcga 60
 attcggcacg agcttntntg gnctnnccgn ctattntgmn atcagagnng ctgggacagt 120
 tgntgctnnc ctnnntnacg nnagnnttn nangnatgat ntctatgtgn annacatcnn 180
 gaannagnct angaanaatg ttgacnccan tgttntttnn atgannactc gaanatncat 240
 atatgggnant aaangcaaan ctntannctt gngannngng nctagtatna ctcacgcgcc 300
 cngcnaagac cctgctcntc gcagnannat acagtatgct attctggact tacngagtcn 360
 gttcnagcat aatggattcc nttgcctcgc tacntgnnnc aganaatctc anntnctggt 420
 naccaacctn ncnangnnat nncctantt acgcctcgan agnatgtgat atnntaannt 480
 gaatnatana tctgatgnac tactgacagc ttctngatgc ctgctcagga taatgcctgg 540
 ngcatntgac atcaatanca acctngntnt naggctctan tccttgaang actntgntaa 600
 tgcntacaat gnttataann ttgnccatcc acaatntgaa aatcaggagc ttgacngcgn 660
 tatngncaa caactnctac ngaacntagt gaacattgga tgaatatnnt aaagcctggt 720
 angcnnatat tnggatn 737

<210> 4753
 <211> 795
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(795)
 <223> n = A,T,C or G

<400> 4753
 tgtacnaann antgnggtng ctcgtncttt ctcnnaanan nnnngcttgg cgaattcggc 60
 acgagggaaa gaggggaagaa agagaagctg gttatttcta gaggatgtcg taatctacat 120
 cacaggcaga actgatggct cagtggctga gtggccagta tattgtcttt ttttttttga 180
 gacaaggtct cgttttgtca cccgggctgg agtgcagtg cgccatcttg gcacaacctc 240
 cacctcctgt gttcaggaga attgcttcaa tctggaaggc agaggttgca gtgagattgc 300
 accattgcat tccagcctgg gcaacaagag ggaaactccg tctcaaaaaa aaaaaataaa 360
 agtgcctttt aggccggaaa aaaaaaaaaa aaaaaaaaaa aaaactcgag cctntanaac 420
 tatagttagt cgtattacgt agatccagac atgataagat ncattgatga gtttggacaa 480
 accacaanta gaatgcagtg aaaaaaatgc tttatttgtg aaatttgtga tgctattgct 540
 ttatttgtta ccattataag ctgcaataaa caagttaaca acaacaattg cnttcatttt 600
 atgtttcagg ttcaggggga ggtgtgggag ggtttttaat ttcccggccc gcgccaatgc 660
 cttgggcccc ggtacccanc ttttgnntcc ctttagtnga ggggttaaat tgcccccttt 720
 ggcgtnaatc atgggccata acctggttnc cngtgngaa attgnttatt ccgnnttcnn 780
 aatttcccc nanct 795

<210> 4754
 <211> 751
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(751)
 <223> n = A,T,C or G

<400> 4754
 gagaggggnn tttcnaatgc cagctacttg ttctttttgc nggatccctc gatntnaatt 60
 cggcncgagg cncncnctgc gctccgtgnc tcaacanggc atgccnntnt ctncgtacac 120
 tatnnagnga gattnntagc gactatggtn nagnanntcn gtacntgnna aaggggganc 180
 tattgcatct anaaacttaa tnatntaaaa ttgactnatt tagactagac tcaagaatgt 240
 atatgctntt ggtaattagg aactctngag aatanaggct gctgattgtt gccatancat 300

gtntacaaaa	atngnatctc	tatgggatgt	actggcaant	gtgtcataaa	atgctnctgg	360
gttnattcat	ncattccata	agaaacttaa	taccancnaa	tgcatataaa	ccnnngcnag	420
ttncatnaa	ctgtanctat	gnaacntttg	tttaaggatc	nntctgatgg	tcntntaaga	480
gcnatcttag	ntctnagtca	ttggncnat	ccntntnctg	tgagtaccag	nacataccga	540
acttgnntnc	cctgcttcca	ctaantccag	ntgtgaccaa	aatctaacgt	gacatcatac	600
ganangttat	agacanaaga	ctantgagat	ctaananntc	ctgcnttnnn	gnnaaccenn	660
ctacaaaana	ntannatngn	gggaanaatn	ntnttnccct	ttggaccatt	tgncntcaa	720
atatnngccn	ccngaataaa	nttnaaccen	n			751

<210> 4755

<211> 963

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(963)

<223> n = A,T,C or G

<400> 4755

cnaannagt	g	annngtgcg	cttgccnaac	nannnaggcg	ggggcgctct	ggtnttctag	60
ccttttagaaa	a	aaaaaatct	agtcttggt	aagaaaatgt	tcattttaat	caagctccag	120
tacagcttgt	g	tcaagacct	agtaagacca	cctttaatgt	gttcctggat	atgacattaa	180
aaactaact	t	gaaaattgt	aggatatttc	cttggtccct	acttttattg	taaaatctac	240
tacatnctta	a	agaattaaaa	aacgccattt	cagaagagat	gatagtttta	tcttgccaag	300
gaattatctt	c	cttagtagcc	tatattggct	tattccaaaa	aaggcgtaa	cctccatcaa	360
aacatctnct	t	gcgcctctct	ctcagcatat	gctntgatnt	ttgaagngtg	naatagattg	420
gagctatcag	t	tcacttatatt	cnaaaaaant	gtnttctntn	ttcttcatan	cctgtgaann	480
agggataccc	a	naggnaaagt	tcctttctgc	tgctctccct	cctttggtaa	tgcttatcct	540
tatggaacca	c	tnaacctgc	acaaaaccct	tcnccataaa	aanccangnn	aanntggcca	600
antttctnaa	t	ttangccanc	ttattttatc	cccncngnt	cattaaaccn	aatntcttag	660
gcctggctnt	g	ggggccttcg	ggggggcctt	ttnggccttg	cnntnngcnn	tnntaaaant	720
ncaggccttn	c	cnanaananc	anctctntnc	ntctaccgan	naanaaccct	ctcnaangg	780
ncctctctct	t	cananaacn	cttcttnagc	tcggagaggg	ncccgaccaa	tttnaaccgc	840
ttctntntnt	c	ccccncgggt	gtcacctttg	gcttttcnnc	nncantcnnc	catctttntg	900
cnantnanc	n	nnnnattntt	gnngncanac	acaacaannc	cccaactcca	cnctcntgtg	960
nan							963

<210> 4756

<211> 707

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(707)

<223> n = A,T,C or G

<400> 4756

gttttaatnn	n	tcagctctt	gttctttttg	caggatccca	tcgattcgca	agattgggct	60
atggaattgg	a	aggcctggt	ttggagtact	ctaaattaaa	aaaaagttat	atttgtaaaa	120
taaccaccac	a	gattgcagt	tcttctgagt	attggcgtag	gtaattattt		180
aagatgtttg	a	ataaattgta	aaatgctttt	tacatttttt	aaggaatcaa	ttgaactact	240
ggaaaccagt	a	atgtagtatt	cttggcaggt	ctaggtttca	taatccta	ttctttgcag	300
cccactattc	a	agaaatgtag	tgattaacag	agtcaagaat	gtttcaggat	atttttggct	360
acaagtaaca	a	atacctaact	aaaagtgact	taaataataa	gcagtttggt	atttcacaga	420
atgagaagct	c	cagagccaga	gagttacagg	gttggttcag	cagttcagtt	tcacaaagaa	480
cataagactt	g	cttacttta	aagctcctct	gcaggtcagc	agagggtgc	cccaatttta	540
gataccaaca	t	ctggccaaa	gaagagcagg	gaatgcttct	tttaagtact	attanggagc	600
aaaacttcct	t	aaaaagtctc	ataggaggtt	tttccctagn	ctcattggat	ctcaatggct	660
cttgcatact	a	gaaaaaggc	cacattcctt	actctggcat	tttaagtt		707

<210> 4757
 <211> 707
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(707)
 <223> n = A,T,C or G

<400> 4757
 gttttaatnn ntcagctctt gttctttttg caggatccca tcgattcgca agattgggct 60
 atggaattgg aaggcctgtt ttggagtact cttaaattaaa aaaaagttat atttgtaaaa 120
 taaccaccac aagattgcct gattcacagt tcttctgagt attggcgtag gtaattatct 180
 aagatgtttg ataaattgta aaatgctttt tacatttttt aaggaatcaa ttgaactact 240
 ggaaaccagt atgtagtatt cttggcaggt ctaggtttca taatcctaatt ttctttgcag 300
 cccactattc agaaatgtag tgattaacag agtcaagaat gtttcaggat atttttggtt 360
 acaagtaaca atacctaaact aaaagtgtact taaataataa gcagtttggt atttcacaga 420
 atgagaagct cagagccaga gagttacagg gttggttcag cagttcagtt tcatcaagaa 480
 cataagactt gcttacttta aagctcctct gcatgtcagc agagggctgc cccaatttta 540
 gataccaaca tctggccaaa gaagagcagg gaatgcttct ttaagtactt attanggagc 600
 aaaacttctt taaaagtctc ataggagggt tttccttagn ctcatgggat ctcaatggct 660
 cttgcatact agaaaaaggc cacattcctt actctggcat ttaagtt 707

<210> 4758
 <211> 707
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(707)
 <223> n = A,T,C or G

<400> 4758
 atgcggnccn aatnntnggc tactcgtctt ttccgcaaga ncccngcgan tcgaattcgg 60
 caccagattt gggagtnnta atatngacat tncctngatg ctatataatg taatgtctta 120
 attgagattt ctgtnanggc anaaataatt aggttagggc tcttagtttt cattcctatt 180
 gcccaagtnt tgtcaaaacta tgggtataatt ttaatgttac tttaaaaatc catantctgc 240
 tagttttgca tgnctttata tgaaaacagt gcagtaagtt gaaaactcag tgtctatgga 300
 attgataaat gtcgatctgg tgtagtatat tttatcgcat ttnccttatat taaaaaatgt 360
 ctgcatgatt ncatTTTTatt tcttttgtaa tttacatttc agaatagtgt attgctatat 420
 ggggtgccaag attgaatatg aagaaccena gtgtttgtag tattatagtt ttaagcaaat 480
 ctgtgtggng atacagccat nagantgggg cttatataaa ctctgaacat gtaagatttt 540
 gtacagagaa tcnttaactn tataaattgt atatgancat gtaaattctt taaaatgtac 600
 atnanatact gtatttcatt accttgtgtg tnatagtcta gtcattgcct gtnaatataa 660
 tttattacgt nntctgnagc ataaacccat acatngatga cttannt 707

<210> 4759
 <211> 842
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(842)
 <223> n = A,T,C or G

<400> 4759
 annncnntnn annantncnt nntnnnnatc nnnntctnnn tncntntnna tttaannttt 60

tatannnnnnn	tntnannnnn	antnntaatn	atgttnntct	aatgnnggct	nctactcttg	120
ntgnttggtc	agtaccennng	gattcnaata	cggcacgagg	caagttccag	tgaaccacaa	180
gtatggcaaa	ncttatccaa	ttttatgctn	ggggcagtc	gnacatacca	gtttctgatg	240
tttcaggcat	gagtggggta	aataagtggt	accacttaaa	gctgntcggt	agcatggaag	300
acttctccat	tctatctttg	naaaacagac	aanatatgca	cttgacatat	tagcaaatng	360
gtntcgaatt	atncaactgt	ttgctattta	ntaaactagc	aaatgatgca	tgtatnttgt	420
ttttcatgtn	ctgggcaata	tgagtaaaat	ctgtcccttt	ttccccctnt	gaatgaggtc	480
tnnecatgntt	gangnaaagt	nttgcaactat	ngcatatant	nnggggacac	agattttcat	540
aatntccatt	ttttgggggc	ttaaggattt	ntttttttcn	ntgtgaaaca	gtmataannc	600
ttanncnata	tnatancttn	aaatatntac	caggaaaant	ccttttttga	nttttcaaag	660
ccttnnatta	antctanttt	ttaaagaaan	cnctatgtt	atattntnta	aaaggtnttt	720
ttncqcccaa	nccttanttt	tacctgnnaa	nncttgnttn	cccntttaat	antatnttta	780
ccaaatntcc	cnatttccng	ganaatntnn	cccttccent	nccttgaaaa	acattgtttt	840
nc						842

<210> 4760

<211> 843

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(843)

<223> n = A,T,C or G

<400> 4760

tganctcatn	tctcaagnag	nctanatngc	cctaacnaga	atngngctng	gggnaattcg	60
gcacgagcta	gcagtaggna	acaaagtata	anaatgacag	cagatgtgtg	gncanaaatt	120
attcanggc	naagacantn	gaactgaaaa	nnaaagtagg	tcaatctaga	attctatacc	180
caacacaaat	atccttcaaa	aatgaagtg	aaataaacac	tttttgatgg	acaaactgaa	240
gttgagagaa	ttcgtnacca	gcagacctgt	agtacaaaaa	atgttgaggc	aagtttttta	300
ggcnnaanaa	aaatgatact	anatagaaat	ttgggctnca	caaaggantg	aagaggcttn	360
caaattgtnn	nattatntgg	aancatatga	aagtnatctt	ttctcattnt	caatcccttt	420
tgagaaactg	cttaaagcaa	naatatnnac	naggtactat	gnagncttaa	naacatacat	480
anaancaaaa	tgtatgacaa	aaactactaa	agttnnccan	gantnntggt	gtgtgcctgn	540
ngcncngcn	tgtcttgtnn	ggctnanatg	gggacgatnc	attctnacc	gagcccnat	600
angtcctaac	ctnntntgan	ctgttgantg	gtntcactca	cncctctctg	ggctacacan	660
ntngaccctn	tcctgnaanc	caaanccect	ctcaaccttc	cncnttctt	cnnantnttt	720
anctgnannn	tccttatnnc	ccccctnant	ccccccacct	tcctccgnat	cncctctcct	780
gcancctttt	gtccncanc	ctcccaacnn	tnngnnaatt	tcctcactgn	canacacann	840
nct						843

<210> 4761

<211> 718

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(718)

<223> n = A,T,C or G

<400> 4761

gntnttnnt	tntatannna	cangctactt	gttctttttg	caggatccca	tcgattcgaa	60
ttcggcacga	ggcttctgtg	tcaaaaaaca	acaaaaaatg	gatattagga	acgttttgg	120
gtttaaaaaa	attactttgt	ttttacactt	tggtagaaaa	aacttaagga	atatttcaaa	180
cataatacaa	agttagcaga	atagaatagt	gagcttttat	gtaaccattc	tttttttttt	240
ttttctgtaa	aaagagacaa	ggtcttgctc	tgtcaccag	gctggagtga	agtgggtgta	300
tcataacttg	ctgctgcctc	agactcctgg	gcggaagtga	tcctcctgcc	ttagcctgcc	360
gagtagttag	gactacaggt	gcacaccacc	acacctggct	aattttttaa	tttttaattt	420
tttttggtga	gacgggatct	tactgtgttg	cccaggctgg	tcatgaactt	ttggcctcaa	480

gcagtcctcc	tgctgtggcc	tcctaaagtg	ttgggattga	gccactgtgc	ccagcccatt	540
gnttttatta	ttttttaaag	gtttattttt	aggatgaagt	tacatatatt	gaaatgcaca	600
aatcttaact	gtncagntgn	taataagttt	tattgagata	taatntatat	actattagtt	660
atatggtnc	taattcacat	gccttctttg	aaagngtcca	nnttcaantg	aatttttt	718

<210> 4762
 <211> 718
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(718)
 <223> n = A,T,C or G

<400> 4762						
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ttcggcacga	ggcttctgtg	tcaaaaaaca	acaaaaaatg	gatattagga	acgttttggt	120
gtttaaaaaa	attactttgt	ttttacactt	tggtagaaaa	aacttaagga	atatttcaaa	180
cataatacaa	agtgcagaca	atagaatagt	gagcttttat	gtaaccattc	tttttttttt	240
ttttctgtaa	aaagagacaa	ggctctgtgc	tgtcacccag	gctggagtga	agtgggtgcta	300
tcataacttg	ctgctgcctc	agactcctgg	gcggaagtga	tcctcctgcc	ttagcctgcc	360
gagtagttag	gactacaggt	gcacaccacc	acacctggct	aatttttaaa	tttttaattt	420
tttttggtga	gacgggatct	tactgtgttg	cccaggctgg	tcatagaact	ttggcctcaa	480
gcagtcctcc	tgctgtggcc	tcctaaagtg	ttgggattga	gccactgtgc	ccagcccatt	540
gnttttatta	ttttttaaag	gtttattttt	aggatgaagt	tacatatatt	gaaatgcaca	600
aatcttaact	gtncagntgn	taataagttt	tattgagata	taatntatat	actattagtt	660
atatggtnc	taattcacat	gccttctttg	aaagngtcca	nnttcaantg	aatttttt	718

<210> 4763
 <211> 768
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(768)
 <223> n = A,T,C or G

<400> 4763						
gttanncett	tcaaatgctn	ggctacttgt	tcttttttgc	ggnncccatc	gattcgaatt	60
cggcacgagc	tganttgccn	gananntaat	gngnngngnc	aagagactct	nccantntgt	120
aantggctan	ttagnntgnc	tagctgagcn	taatnaaagn	nagnaaactt	ttataactna	180
ttaatatctt	gagnnnnncan	gngcgccant	acnntatncc	ntnancttgn	atctatgacc	240
atatnaatat	anngcataat	nccgcttcta	tcatagagtan	ctactagagg	natgcatngc	300
gtgtaatngt	gangtaatnc	annttacnga	aanttangtc	ttgcangnat	anggnntnnn	360
nactaatatt	ttannatata	gatatgacat	ntgtggaang	agcactagag	cntgcatctt	420
tnatatgntn	nttgntctana	tgancagcan	ngtatgnngn	tcaaanttat	nanaactcat	480
ncnagtgtct	gntcattcga	accctacctg	atantantct	aacttgggaa	aaaaaantg	540
gtctgaatgn	tncanntttt	aagtgnctat	cnccagagtt	ggaaataatg	ccaanangcn	600
tnggtnatna	gnttcncaca	tgtanngtta	ggtttttttg	actnntgcna	ngcttactan	660
ttggggggaa	gaagaattca	gaagccntgg	aaaggtnggt	cngaanttaa	ngaaatngta	720
aaanaaaagt	tggnaaantt	ttacccttgg	caaggatngn	ntngccnn		768

<210> 4764
 <211> 768
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1)...(768)

<223> n = A,T,C or G

<400> 4764

gttannccctt	tcnaatgctn	ggctacttgt	tctttttgca	ggnncccatc	gattcgaatt	60
cggcagcagc	tganttgcen	gañanntaat	gngnngngnc	aagagactct	nccantntgt	120
aantggctan	ttagnntgnc	tagctgagcn	taatnaaagn	nagnaaactt	ttataactna	180
ttaatattct	gagnnnncan	gngcgccant	acnntatncc	ntnancttgn	atctatgacc	240
atatnaatat	anngcataat	nccgcttcta	tcatgagtan	ctactagagg	natgcatngc	300
gtgtaatngt	gangtaatnc	annttacnga	aanttangtc	ttgcangnat	anggnntnnn	360
nactaatatt	ttannatata	gatatgacat	ntgtggaang	agcactagag	cntgcatctt	420
tnatatgntn	nttgntctana	tgancagcan	ngtatgnngn	tcaaanttat	nanaactcat	480
ncnagtgtct	gntcatttga	accctacctg	atantantct	aacttgggaa	aaaaaaantg	540
gtctgaatgn	tncanntttt	aagtgnctat	cncagagtt	ggaaataatg	ccaanangcn	600
tnggttatta	gnttcncaca	tgtanngtta	ggttttttgg	actnntgcna	ngcttactan	660
ttggggggaa	gaagaattca	gaagccntgg	aaaggtnggt	cngaanttaa	ngaaatngta	720
aaanaaagct	tggnaaantt	ttacccttgg	caaggatngn	ntngccnn		768

<210> 4765

<211> 1475

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1475)

<223> n = A,T,C or G

<400> 4765

actaactatc	ncacacnncn	acgccnaaaa	tngccnaacn	cnnnnnaaag	ctnnggggncn	60
anacctncac	cacncancac	ccaaaanaac	aancnaaaca	acaacagncc	cctcncacct	120
mnannccnnc	ccncataant	acancctccc	natagctntc	accacacacn	cacacnccnt	180
caacccccan	cancctcccn	acnccccacc	caacccaaan	acntnacnta	annccacccc	240
cacnaaanac	ccnnncaaca	cnncacnaca	cnncannccc	tcaacccaac	ccnccccacc	300
nccncaaccn	ancnccttan	canaccacc	cncaccccc	ccccaaacnc	aancnncan	360
cnncnancan	anctcaaccc	nnaccacccc	ccnccaccaa	caccctccan	acccanacc	420
cctnanaccc	ccncaaccnn	ccacacncat	cacnnncaca	acatntacnn	cntcacnca	480
caanacnaac	acccaccnca	cacnnacacn	cacatcannn	natgnnctca	caccactca	540
ntntaccaan	ctaacaacca	caccatacgy	ntatcncaca	canncccaca	acnncacatc	600
acaccancc	ntcnmnaacc	cacnacaccn	acacactcca	tacanccanc	ncacancaca	660
ccaannncca	ncaaaaaacn	acacaacaca	nannccacaa	cactctctnt	ancnnacact	720
ctaatatcnc	ntaaacatna	cnctnanacc	cacactaccn	caacctnat	nccatacacn	780
cacacanaa	catcacaacn	cnctnccnt	cantctncac	ctacacacna	tnncacanaa	840
cnnccacc	ctnntaacna	acacannntn	cacnacncac	accaccacat	acaccaaca	900
netccctcnc	tncnncaca	ccacaccacc	aaaatcaccc	nnnacaactn	tncnctnaa	960
tnctnatatc	netccaccac	naatnntanc	cnacacnncn	annctctcac	aacactctcn	1020
cacanatant	ctntccntct	ngantcacac	ancannacaa	ctnncccaca	tctcacannn	1080
cnntanntna	cctntcnanc	caccacacat	cacacacctc	acannnccta	cntcacnacc	1140
anccacacca	cnanacccca	atncnctctc	canacacaac	acnanacnnc	cctcanmna	1200
tcnacncaca	tnatcacca	ccnaccacnn	aacacctnct	cactacaaca	cncancnatc	1260
acccnacncc	atcacacacc	acncacanca	caccctcacc	acccaanctc	acacactnct	1320
ctccccnctc	tctccaccn	ncnncaatcn	nncaacacnn	nccccccac	accctctacn	1380
ncnctacnnc	tatctatcac	caccanacnc	acacatatc	atnnncacac	ntcacctntt	1440
annaacttca	cacaactatc	natncnncnn	tnct			1475

<210> 4766

<211> 798

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(798)
 <223> n = A,T,C or G

<400> 4766
 ggttnnatanc agctcttgct ntgnccnga tncngtgaa natantctct ctagctcact 60
 tgtntaaant gganagtctn tnatnatcgg tatgaaccn tnaaggagcc atgtntaccg 120
 gnctagctat actngnccnn gggaagnccc tgcctgtgtg nantnccntn ctgggatnct 180
 tnaanagnaa acnnnacgct ctncanatt cntnagatgc ncagntagct tatnagncat 240
 gggattgccca nntgnnccat ctncgtctn anggnctncc anngcacnng tttncngac 300
 naacnngncc nctgtgtaaa tagnaggcng agaaatgata cmntgtgtg gaannaccaa 360
 ccnactatgg accngaaact tgctggcnaa atnaattatc tncnacaac ngnaangtgg 420
 ctengagatt gatngttggc tataatatng aagccctgc cctgtgacnn tgatnctagt 480
 gattattgca tgnctcctca tctgtatant gaaanncatc tnattaggna nagngtttng 540
 anacntttng aaaggncnta ctggnaattt acnttanaat tntttccat tgtccgacca 600
 caaanttnca agnttttccn gncacatttn nnnacttaan ggcccnngna cctggaagng 660
 ctttgaaaag gcgcctttna aaannggat ttagccngnt tnatttancc cnttttanaa 720
 acnggnntc aggnccncca attncnngaa anntaacctt tagncctttt tnaaaacttt 780
 ttggggnggt cngnnaac 798

<210> 4767
 <211> 1861
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1861)
 <223> n = A,T,C or G

<400> 4767
 nacngngtnn gtgaggccta aatagctnnn ctntngtgta ttngngngna ggtgcntnna 60
 tncngccna gnntannnnn nggntnggag ntngggngn nnnctancnc tatancnnn 120
 nacnagggg ggggncnttn tnttccctt tncntcnn nggtntttc tntgncntt 180
 tncncntnn cantcnnnc ctcacgtnt tnggttcnnc ccnnantnnc nntnccnca 240
 tcctttntt ccncccttn cttctntnc aancactnt natatgcct atatactcn 300
 ncncgncnac nctatncta tcnctnnnn tctnctac nnnctcagta nttntctn 360
 nnnngcntnc tanctnctgn gtctncatc atatatncc acgtnnncat tannctcca 420
 gtctnnctn ctnactctna nnnangctn tccgtctnt cnanannctc tntntctat 480
 ctnnattang tncagntct gnnccnttc acangagnnt atgncnttt tgnctctc 540
 nntactngc nncacgact cnatntctc nattnacang ntactgcta actcancntn 600
 atntctctc ncnnnagcga acgatnttcg cannanacag cctntctgc nananacntc 660
 gcnctcgtn tagngcgtc tnnccagtna tcttntatc tctgtttgta ntatntntan 720
 gaatacatna tcntncang nncacttanc anntnncatg acnactntgc tctctgntan 780
 cacanangct tcnngnctn tcttacgann ntgcngcgc anactntgac tntctnatgt 840
 cgtctctcat nnatatttn tntacatanc tnnctntctc ctncantntt gntcancctg 900
 ntgattctct atatngctca ctntncatc acanntntgn anacnattgt nactcaangt 960
 cntcgnnnan nttctacgt cctntgacn tccaatang ganatntctn tntcancnt 1020
 gtntatncca ngctctgan ccgannatan atcnnnatat cgacgacnng cnannnatn 1080
 tctctcagcg natatncatc ngntctcta ncnanactg ctattcnant agnncntn 1140
 tctctatncg cncctctan tacannattn ggnntnnntc gctancntn tcnctctn 1200
 ttnntatan nntnagctc acnnncntg cgccatntnt acntcatnnc nngtctccat 1260
 anacnttac tntctatnaa ngtaacctnt ntctctcgan ancnncnatn nttgntcat 1320
 nanatcanaa atntnnacnt ctctgatgac gntctcant atactgncac tcttcnatt 1380
 attatnnagt tcatgattct ntctctcana naanntcngn cnnnctctc tnaccatntc 1440
 nancgntagt gncatgcanc tanntcncca cntntatntg cgccaccatn tactctatng 1500
 atctcctga nctatntnan gnatnatctn tncncnnat ntctctgtnt antcancnc 1560
 anacatnccg tctcatctan agtctctan gancncgna canactctc acanaagatn 1620
 nntagctat taatatgana nnttctcna nntcctnnn nncctatntn atannccag 1680
 nanngactcn cgacatntna tcatntctnt cncnaacnt nttctannng tntnaactnt 1740
 gnannctcgt antcnnnca ntctntntc atgcacattg cgannntct ntncatcaaa 1800

acatactnta tncnagacg actnnagctn cnatactctc tcnnctnnan ctngccnctn 1860
t 1861

<210> 4768
<211> 1522
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1522)
<223> n = A,T,C or G

<400> 4768
ctnttaactn ctaatncttc ttentggcna cggcncttan tatgngccnc tnaaaatcng 60
aatagggggtc tnggggggnc tactcnaccn nncncncnc gncctnatna nnnccctnaag 120
nntgnccttc cngcncttaa ntcncctct caccnncntn nccgncgngg ttttcncccc 180
tetnccctcc ttncctatn ctcttncccn tccctctcct ntcccccnt tntcnatntn 240
cntccctcnt nccntatctc ncccccccn cccccccanc cctccttttc tnnctcccn 300
cnnctctcnn tncctcacc tttntccnn tccnnntct cctcacnnc cncnancct 360
acatcnnctc tcttcncnt tntctcnc ttnnacactc tctatcatt atcctccan 420
ntantntna tcccnnccta cctnnntcta ctttccnca nanntcttca tcttccctc 480
tcactccata nctnacctna tcccnacttc tntaatctc tcnntcactn ctcnctcact 540
ctcttntctc tcnccannn ntccacactn tntnnnctn tctntcnan ntcttcatn 600
ctcancnctc ctctntntn tntctctnt ntcccntac nncctcccta tcnctctcn 660
cncatcnnac tctctctnt nctcaccctc ctctctcnc cntttatanc acncttacnn 720
ctcncctnnn cncnntctca ctcactngct ccatcncctn ttntatanat cccnctctn 780
tetgatctct cncctnactt ccncanactc tactnacttn tctnactnt ctancctctt 840
ctcctcanc ctoganact ntntcncann tcatntcna nctntatac cncgncntc 900
tacctntnt cctcacnacc tctctctcc ttcgnatcan ctncncnt nctnctcaca 960
ctnntcact nactcatn tntnatctc ncttantcn cncncnctnt cactctctca 1020
natactntct nntctatct ctntcantct tntcttnc actatnact cccctctna 1080
tctaccct caccatnctn tnaatcnc tcagntacnn tctacatcat tncntccat 1140
ctcctgctna cantntcnc acatctctc tcnnnnccn ttnactcct ctncncnt 1200
cctantcat cactccatn tcnctctctc tcnactcta cncntccct cnaactntca 1260
nccccctta tccatctcnc cmtctatct accnactaa ctctctccct accnctntt 1320
cntcctntn tctnctcac atcantctac tactcctncc tntnctctat nntcttntc 1380
ttctnaccat tatcncntc ctctnnctc ncnncntcta tntctntac atcctccnt 1440
cacttactct cacnncctt nctctctacc tctctcacc tctactctc ntntctcnn 1500
catactann tctnccatc ct 1522

<210> 4769
<211> 1411
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1411)
<223> n = A,T,C or G

<400> 4769
ccncancccc cccnnnnaac cccnnnccnn nnnnccnnnc cnnccnannn nnnnncannn 60
ancannannn nnnnncnnnn nnnnnnancn ncnncnnnn nnnncnnnc nnnnnncntn 120
nnnnnncnnn nncnnnccnn nncannnccc cnnnnnncc cnnnnnccc nnnnnnnntn 180
ccancntann nntcnnanc nncnncnnnn nnnnnnaaaa agaagaagg nnnnncnnnn 240
nnnnnnnaa anagaaacnn acnnggggnc gcgngggggn cncgntttt tcccttaaaa 300
annaggacc ttggggcgna canngcctc acncatcgct nncnganaca cgagacnttg 360
cggngnnnga tttttnaaa naccgantnc cncatacna cnacgcncnn ncgnnnnaaa 420
nnccnnannn angnangtan nnnncgaacc cccnnnnaaa ncancnctn agnaagncc 480
anncagcact cgctgcggt cctnccnag ccgncgncc aatcaccnac ngntnnnacc 540

ancnctcnan	gaccagctaa	acctccanan	agccactctg	ancctcctac	ctntnnagac	600
cacngaacnn	attcnancag	gacncannnn	cctcaacacn	acnateccct	cactgnnccc	660
cctcccagac	aaanncannt	cntnnaagcg	ccatcncccn	nnanancnnn	natccnannc	720
annttcntan	ccccatantc	ccccacacac	ccccngnnc	gnncantnac	nnnaacannc	780
nccgtagccc	cnmtcctnaa	ccancctanc	atannacctc	tncnnnccct	ctctgcncn	840
cacaacnnat	nanctncaaa	caanncnca	ncancacnta	anncnncnnc	ccacaacncc	900
cncgncgaac	atncccnca	cnnagnaccc	acacataana	naccnncacc	cnactnatat	960
atccacaanc	naancnntn	nnnnccaana	ancccnmat	caacancacn	acnaacannt	1020
cncncntac	mntatcnann	atcannnnca	ccnncnctt	annannnnnn	nntnacancg	1080
tanaaaacgn	ganaacnca	nnncnntcta	acctnnaanc	cacnncnnc	acnncnanta	1140
nccctcngn	anncnnnan	ccnnaccnnc	cttnanncn	nncccttna	anacnantca	1200
ncnncacanc	cnncnnanc	gacncantaa	nncccaatca	nctaaaacnn	ctctcncna	1260
ncnaacacat	cnannacgan	cntccnacan	atncacganc	ncnannaant	cnacncanan	1320
angcntcnac	ntatctnnaa	acnnaannat	nctcactanc	acacaaatct	nncacnanta	1380
ananccnca	cgnaatcanc	aanataccnc	c			1411

<210> 4770

<211> 1349

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1349)

<223> n = A,T,C or G

<400> 4770

ncctntaaaa	tnnnaaaact	nncctttgggc	naaaacnnc	ccctcaaaca	tattcagacc	60
cccttaaaac	atcagggann	ntatggggnt	cttntngggg	gccnntnnnc	antntcatat	120
cnntatacana	nnccccntnt	ctacacatcn	ctntctactt	annanctctn	nnctcatcnc	180
tgnnnnctat	anntatctnc	tcccactccc	ctacttcacc	tctcnncnnc	nctcctctta	240
ccanccntat	accncancac	ccaacacnnc	accnccnacc	tancacctat	canntcctca	300
nattctccct	ntctccctct	ccctcctctc	atctctccn	canctcnana	ccnncnnnc	360
ctcattctac	tacacnnc	nctccctct	ccnncacnnc	tctccatcct	ncnccccncc	420
nccttcccn	ttntcnccct	cctannncaa	cactccacna	caccnctcn	tctcctcact	480
cctactcnct	ancncannc	tcanctccan	actntcctna	cataactacc	ccactentac	540
nctctncatc	cactcannn	tcaencatcc	actctcntnt	cnctctcttn	nnacctcnca	600
tenntctnac	acctctnccc	cttctcnttc	taccattcac	tctactctn	nctnnctcac	660
tctctcatth	cntcnaccnt	ncatcactcn	tccnntacc	ctatcnctct	ntatctntca	720
ccatatccnc	actcncgcac	actctancta	cnctctacct	atactntcnt	ctcatcacta	780
natntntacn	tctctcnacn	cttannnctc	nactacncac	tctcttctcc	actncancnt	840
anacacactc	cctactncac	ctcacatatn	tnctctcnnc	ntcatnatac	ctctnnatnt	900
antctctntc	tncnncacnn	tnntcctcac	acacactntc	tcacactnac	nctctctctc	960
tctntctctc	tctntcnct	atanacctnn	cactctcant	cancctact	accnctcttc	1020
tctctnctc	cnctntcttc	nanatnnnc	nctctacacn	ccacttacan	naccacacat	1080
cactctnca	ccctnccatcn	ntcncttcac	tanntaccac	nnactcnca	natctccntn	1140
tctntnctc	nntnacnct	caccatctnt	tctnctcnc	tcacnctctn	ccactctcac	1200
ctctntcana	accataactcn	ntntccactc	cncctctcan	ctcctccacc	nacatacccc	1260
nncaccncac	tnacnctcc	annccacatt	cnacacntcc	ntcnncncc	tcctttcnnc	1320
tctncccc	tntctnca	cccttccn				1349

<210> 4771

<211> 791

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(791)

<223> n = A,T,C or G


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<400> 4771
gnntttagan nnnncngcnc ttgttctttt tgcaggatcc ctcgattcga attcggcacg      60
aggttatggg gggaggagcc gatactgagc ttcttcctat ttgccatggg cttcactgta      120
taaataggag aggatgagag cccagaggta acagaacagc ttcaggttat cgaaataaca      180
atgttaagga aactcttata tcagtcatgc ataaatatgc agtgatatgg cagaagacac      240
cagagcagat gcagagagcc attttgtgaa tggattggat tatttaataa cattacctta      300
ctgtggagga aggattgtaa aaaaaatgcc tttgagacag tttcttagct ttttaattgt      360
tgtttctttc tagtgggtctt tgtaagagtg tagaagcatt ctttctttga taatgttaaa      420
tttgaagtt tcagggtgaca tgtgaaacct tttttaagat ttttctcaaa gttttgaaaa      480
gctattagcc aggatcatgg tgtaataaga cataacgttt ttcctttaaa aaaatttaag      540
tgcggtgtga nnaataanaa gctgttgtca tttatgattt aataaaataa ttctaaaaaa      600
aaaaaannnn nnaaaaaaac tngagcctnt anaactttag ngagtcggnn ttacntnnat      660
cccgagacctg gntaaggata ccattggntg aantttgggc caaaccccca annttgnaat      720
gccttggnaa aaaaaatgcc ttnattttgg ggaaaatttt ggggaaggcn nttnggnttt      780
aatttnggna n                                     791

```

<210> 4772

<211> 750

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(750)

<223> n = A,T,C or G

```

<400> 4772
cggtttnaga atcnancnct acttgttctt tttgcaggat ccctcgatgn ngaattcggc      60
acgaggntac ntgcaatnac catnntggna tcagtncaact anngcctctc ntagaaaaaa      120
ggggaccnag agacnggtnt tcacatntc gcccatgcng gtctcacact cctgagctca      180
ngccatecna ctncctnnan ctaccaaagt gnttccgtna nagncnaact catttttatt      240
caatggccat ngnntctnac acncnattga natntnagcn nacentannn cagtntcan      300
ataccacntg gcgnatnnan aaccccnnga tgcnnagcnn tngtgaacca natgctnana      360
tgccattcaa tcaggaagat gccaaaaatg nntnnttat tntaanataa gtacttaagt      420
nancantatt cagaantgac nntctcatan ggaagcctnn ttatctnctt nnatnannga      480
nattgttana atcnttnccn ntaatccacc ttnatnnnta cccntttgtt tattaaggca      540
aaagattncn nttatccnnc tannaatgct tcatgaaatc naanntaata tttnttnaag      600
ctantntcca ccattanttn nnnntgtaca tttntaatn tgnaannccn atcttgtatn      660
aaagaacctt aatnnccaan nnttctnaa tnatgnttn attccacctt tanncnatat      720
annccnaact tntcttntct tttnttcnc                                     750

```

<210> 4773

<211> 979

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(979)

<223> n = A,T,C or G

```

<400> 4773
gtaccnattn atgtgctant ctgctcnttc tttntgcaat atcccatcga ttcgaatnng      60
gnacgagccn ncctggctnc tgnaggatt gacnnattgn tagctntttc tagannnnngn      120
gnatgggtgg gcatggccga gtcttagtat ggtggagcgg atcatgaaag cccagncact      180
tgnnggacaa ctncaccatg ggctatatga nggccaaaaa ncacctggag atcaaccctg      240
nccaccccat tgtggagacg ctgcnagcga aggctgagge cgncaagaat gataaggngag      300
nnaaggtcct gntnntgctg ctgctngaen ccggnctggt atcntctggc tnnncnntn      360
aggttccccca taccactcnc aaccgcactc atngcatgat caagctannt ctngtattg      420
ntgantatna nntcgnaccc ananganccc acncttgca actnctgatn agatcccntt      480
tntcnnggc nacgangatn catttnttcc tngaanaagt ccatntagtc actttncnn      540

```

tccnntntcn	aaccctnttc	ttccctanan	cttacntttt	ccnnatcntn	cctcnnccatc	600
tcgncnattc	ncncatctn	cncccntcc	tcctctcnn	tgnnctatc	tnncccnccc	660
cnctcnnt	tnctnattn	tacttctccc	tctctctcnc	ntnnncattt	tctancctct	720
cntncnntnc	tnttactnnn	ctcncntact	acntcactcn	ntccttact	cttnncnant	780
nnnnctctnc	ctntnccctc	ntcncctcnn	tcactnancn	ctcntnntnn	ntcnnctnac	840
cncntnctc	nanctcannn	nctnnntnca	tcacatann	ctntctcncc	ttanntnnct	900
ntcctctct	cncnctnttn	cncnctcan	tctttctcnc	tctctntcnn	tctcnttntc	960
ntcaccntcc	tnctctctc					979

<210> 4774

<211> 741

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(741)

<223> n = A,T,C or G

<400> 4774

ntaaatcan	ctcttgncct	tttgcaggat	ccctcgattc	gngnnnangt	cgagnacntt	60
cntagggggc	ctnantctaa	tangngcctt	ntgncgtgca	tgatngncaa	ttganaagna	120
nttnantanc	ncatttagaa	tctantgact	agcctcctct	ctggtnctg	gtggcattna	180
nggttcanac	cancntaan	tgctggtgct	gttnaanang	tctcacgtgg	ctgcntgtcn	240
tggtcatgc	ctgtntccc	aacattctnn	naggeccacn	cngtagaacn	gctngagncc	300
angagtnacg	aatcagcctg	cgcaacatnn	caatactccn	tnccataaaa	attcataaat	360
aacangtctc	acgtgaccaa	nggctcctga	agctagaacc	angtttgat	acaagattga	420
agatccacan	gccantcttg	cntctgagcc	ntnnngccta	ntngngncat	gtntnnnaat	480
tgntcanggc	nagagcnnnc	nntntngcnt	natacnggaa	ngncngctta	attngcnnnn	540
nttcagtcca	aatnnnatac	tnnggggacn	ntaacntgcn	ctatnctnta	tnnccagaga	600
ctacngtctt	antcatccan	naaatgancg	atngntnatt	attcccatgg	cacctntatn	660
naaatccaga	gttcttcgca	gnctttnggc	tntttatatg	tgtnccaa	nttaaaccnt	720
nataattatt	gggcntctga	n				741

<210> 4775

<211> 711

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(711)

<223> n = A,T,C or G

<400> 4775

aatcngctgc	ttgctactcg	tgengatccc	tcgattcgaa	ttcggcacga	gactttatga	60
gaagaatctt	actgaaaatc	aagaagctct	tgcaaaagaa	atgcgagcag	atgcagatgc	120
ctatagacga	aaagtggatc	ttgaagaaca	catgtttcat	aagctgatag	aagcaggtga	180
aaccagagc	cagaaaactc	agaagtggaa	ggaagctgaa	ggaaaagagt	tccgtttgag	240
atcagcaaag	aaagcttctg	ctctttcaga	tgctctaga	aagtggtttt	taaagcaaga	300
gataaatgcg	gctgtagaac	atgctgaaaa	tccatgtcat	aaagaagaac	ccagggtcca	360
aaatgaacag	gactcaagct	gtttgcctag	aacctcacia	ttaaatgact	cttctgaaat	420
ggatccctca	acacagattt	ctttaaatag	aagagcagta	gaatgggaca	ccacgggaca	480
gaatcttatt	aagaaagtga	gaaatcttcg	ccagagactc	actgcccgga	ctcgtcacag	540
atgtcaaacc	cctcatcttt	tggtgcata	gaatgcattg	caccttgaga	cggtcganag	600
agagacctat	tttgcaatca	gtgacattga	tttttagatt	atttatttaa	aattcctatn	660
aagatcagcc	ctttgtacag	aaaaatgtgt	ctataaaaa	tatgtgttat	t	711

<210> 4776

<211> 858

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(858)

<223> n = A,T,C or G

<400> 4776

tccccatttt	gaatnnancn	agctacttgt	tctttttgca	ggatcccatc	tattngggng	60
nannctttnt	tgnaatncn	ggtacgnnnc	tatgnatcan	gactgnactt	nggtanctnn	120
cttggcccnt	acagnngnaa	ngaangatgg	gctgggtgat	tggcccacct	gggagcaaca	180
tggggcangg	ggagccctca	ccctnagcca	nccagacgag	tgggatttnc	cccagnacan	240
nataccccct	tcacaaangg	accactnaag	tgcttcatta	agcaagtcct	ggatcctgtg	300
cccnccaact	gggtgagaca	ccccaatggg	tcacntaca	ccttatacaa	nagcatttta	360
ctggcatnan	gtgggtgccc	ctcaangaca	nagatcccan	agganngagt	ggggtctnat	420
ctttgctgtt	nttccatcac	tctttgggtga	catnttcagg	tntgggaggg	accagatta	480
gtattggcct	tgaangaaat	tcccannnat	antgcannta	tncctnncat	aagatgggtgc	540
ctanacttgn	ttataagnn	ataacantna	ngtctacacc	naacnttcan	cccntaaaaa	600
attnccctan	cnaaaanncc	tcaatntttt	aaagggtcna	ctgcttnenc	tttacaagga	660
atctnantgn	tggnttaacn	anacnttctt	tgtaaanatt	ganntaaacn	gggntnttng	720
tatntatann	tcctnctnta	acnantcctn	tgatnaaang	ggnttctatn	taatcggtgn	780
ttctgcatcn	taaccttctc	naanaaang	tattctctnc	taatntcanc	cncntttnta	840
ancnnngtca	anacgcgg					858

<210> 4777

<211> 999

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(999)

<223> n = A,T,C or G

<400> 4777

ccnccnccnn	nnnnnnnnnn	cnnnnnnnna	nnnnnnnnnn	nnnnnnnnnn	nncnnnnnnn	60
nnnnnnnnnn	annnnnnnnn	nnnnnnnann	nnnnnnnnnn	nnnacnnnnn	cannnnnnnn	120
annnnnnncn	nagnnnnncn	cncgnnnnnn	nnannnnngn	gnacnccnnn	tanancnnnn	180
nnncnnnnnn	nnngnnnctg	ncnncncttt	tcnaaaagct	ggtcctcngc	nactnnncag	240
gcagcccnnc	gattcagaat	tcggcacgta	ggccaagtat	gcagtgtnaa	cggtcgnnag	300
nntcgagaac	cngagtgtgn	gctctcctng	nggaccnaga	ncgangcgag	agctccaagn	360
anganatgan	tgngacctgc	atggganaag	gncaggngga	tatcatggag	agcgtgaana	420
nccggtctga	aanganacag	gggtgccacc	cangtgccag	agatgcgaag	naaccaatan	480
agcaggggan	gggncaagn	nnnancgaac	ngaagagcan	nnaacggnnn	anangnnaag	540
gagcacaatg	angccctnat	cgcccngagc	nctcacgcn	atnagggctc	atncaaacng	600
agcacccgct	ttcnntgcc	cacaaaatng	aattgantca	agnacgcn	gacangtgcn	660
nanagccnng	ccattggaac	tcgtctcccc	cctangaatg	ctgcccttgc	nannacccat	720
tgctatgctg	ctnaccanmt	ccccttgta	ttcctggggc	ccctcttatg	nactgnaacg	780
antcanccgt	gactaggggt	aaaaacgnan	gnngaaatgn	tatangaant	tngcaccang	840
naatcatngc	ttatccatnc	ccnaatgcat	ngntnaaant	tcnacaacta	gtncgtcata	900
gnacnctnt	ggaatantta	ggngaaactg	tggttatna	atngtccnan	ntggganaag	960
ggganccana	tnaacttggc	tnaagcncga	atgtnnccn			999

<210> 4778

<211> 796

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(796)

<223> n = A,T,C or G

<400> 4778

ggtgnagtnn atgtctaata	ctntgnnnngc gnttgctntc	gatgcaggat cccatccgnn	60
gaagaagctg cagaagaaat	gaagaaagt atgatgattt	anattttgat attgatttag	120
aagacacagg aggagaccat	caaatgaatt aatatcactg	tattaaaagt ctgccgggca	180
cagtggctca cgctgtaat	cccaacactt tngaggcca	aggaggggtg atcncctgng	240
gtcangantt ctnaccngc	ctggccaaca tggcggaacc	ccatcttcac taatagtaca	300
aaaaattagc tgggccgtg	tggctcatgc ctgtaatccc	agctactcaa gaggcttgan	360
gcaggaggat tgcttnaacc	ctgnaggcgg agattgaagt	gagctgagtt cgtgccatta	420
cactccacct gggtgacana	gtgagactct gtctcaaaaa	aaatanaata aaaagtcnat	480
ttacaatgtg aaattctgac	accttttggc tttgagtatt	ttcccaaaga tattttgaat	540
ccttantgaa ggaaattnan	aaaaaancta tgggaaaaat	tggacnaaat ttcattnctt	600
gaacaatntt aaaattgggg	tattatttac ctttaacant	ccaacntaaa ccangaattt	660
cagnaattgg ntgggnttgg	attaannaaa cntaacctca	tgttnaaaaa ttaaaaattc	720
ncattanttn ccttgccctc	naanaaaant nntnacncan	ataaactccn ngcccagncc	780
tttctnnngc cttttn			796

<210> 4779

<211> 712

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(712)

<223> n = A,T,C or G

<400> 4779

cacaagctac ttgttctttt	tgcaggatcc catcgattcg	aattcgcggc cgcggcgcca	60
atgcattggg cccggtaccc	agcttttgtt cccttttagtg	agggttaatt gcgcgcttgg	120
cgtaatcatg gtcatactg	tttctgtgt gaaattgtta	tccgctcaca attccacaca	180
acatacgagc cgggagcata	aagtgtnaag cctgggggtgc	ctaagtagtg agctaactca	240
cattaattgc gttgnctca	ctgnccgctt tccagtcggg	aaacctgtcg tgccagctgc	300
attaatgaat cggncacgc	gcggngagag gcggtttgcy	tattgggcgc tnttccgctt	360
tctcgctcac tgactcantg	cntcgggtcg ttcggctgng	gcgagcggta tcaactnact	420
caaaggcggg aatacgggta	ttcacagaat nagggggata	acgcaggaaa gnacatgtna	480
ncaaaaggcc ngcaaaaggc	cagnaaccct gaaaaaggcc	cncgttgctg gcgccatnna	540
catangcttc gacccctga	cagcatnaca aaantcgacc	ttaagtcnga ngtggcgaaa	600
cccgcagga ctattnanat	ccagcgtttc ccctggaact	tcctagggcg tttctgtnc	660
acctgcgtta ccgatcctgt	ccgcttttnc ttnggaaant	nngtttntat at	712

<210> 4780

<211> 712

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(712)

<223> n = A,T,C or G

<400> 4780

cacaagctac ttgttctttt	tgcaggatcc catcgattcg	aattcgcggc cgcggcgcca	60
atgcattggg cccggtaccc	agcttttgtt cccttttagtg	agggttaatt gcgcgcttgg	120
cgtaatcatg gtcatactg	tttctgtgt gaaattgtta	tccgctcaca attccacaca	180
acatacgagc cgggagcata	aagtgtnaag cctgggggtgc	ctaagtagtg agctaactca	240
cattaattgc gttgnctca	ctgnccgctt tccagtcggg	aaacctgtcg tgccagctgc	300
attaatgaat cggncacgc	gcggngagag gcggtttgcy	tattgggcgc tnttccgctt	360
tctcgctcac tgactcantg	cntcgggtcg ttcggctgng	gcgagcggta tcaactnact	420
caaaggcggg aatacgggta	ttcacagaat nagggggata	acgcaggaaa gnacatgtna	480

ncaaaaggcc	ngcaaaaggc	cagnaaccct	gaaaaaggcc	cncgttgctg	gcgccatnna	540
catangcttc	gacccccctga	cagcatnaca	aaantcgacc	ttaagtcnga	ngtggcgaaa	600
cccgnccagga	ctatttnanat	ccagcgtttc	ccctggaact	tcctaggcgc	tttctgtnc	660
acctgcgtta	ccgatcctgt	ccgcttttnc	ttnggaaant	nngttntat	at	712

<210> 4781

<211> 710

<212> DNA

<213> Homo sapiens

<400> 4781

atccagctct	tgtctttgca	ggatccctcg	attcgtgtgc	ctaaggaag	ggaatcagaa	60
ggtggagaga	cttgaagttg	cactcaagga	ggccaaagaa	agagtttcag	atcttgaaaa	120
gaaaacaagt	aatcgttctg	agattgaaac	ccagacagag	gggagcacag	agaaagagaa	180
tgatgaagag	aaaggccccg	agactgttgg	aagcgaagt	gaagcactga	acctccaggt	240
gacatctctg	tttaaggagc	ttcaagaggc	tcatacaaaa	ctcagcgaag	ctgagcta	300
gaagaagaga	cttcaagaaa	agtgtcaggc	ccttgaaagg	aaaaattctg	caattccatc	360
agagttgaat	gaaaagcaag	agcttgttta	tactaaca	aaagttagagc	tacaagtgga	420
aagcatgcta	tcagaaatca	aaatggaaca	ggctaaaa	gaggatgaaa	agtccaaatt	480
aactgtgcta	cagatgacac	acaacaagct	tcttcaagaa	cataataatg	cattgaaaac	540
aattgaggaa	ctaacaagaa	aagagtcaga	aaaagtggac	agggcagtg	tgaaggaa	600
gagtga	ctggaactgg	cagagaaggc	tctggctcc	aaacagctgc	aaatggatga	660
aatgaagcaa	accattgcc	agcaggaaga	ggcctgga	ccatgaccat		710

<210> 4782

<211> 705

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(705)

<223> n = A,T,C or G

<400> 4782

tntaggctc	ttgttctttt	gcaggatccc	tcgattcggt	tggtcagttg	caccttctgg	60
gtcactggt	gccgcgggag	ccgggtgggg	cctaggcgat	gatccggcat	taaggagctg	120
ggatcatcct	ccgtctcagg	tggtttgggg	aaagtgtagg	ggcaaccaa	gatcatcggc	180
ttgactaggc	cctttgccct	gaacctcatg	aagaaatgat	aggaggcaga	catatgtgcc	240
taaaaagagc	gttgagctca	gagaagagca	actcggagtt	ttgggggtgt	gctttgattt	300
gtgtacatca	atggcagaat	catccagcga	atcagatcac	ttccgctgtc	gtgaccgatt	360
gagtccatgg	gctgccagat	caacgcacag	gggaactcga	agtcctccta	cagtagaagt	420
taccgagaag	gtcaacacta	taacaagtac	tttacaggat	accagtcgga	acctgcgaca	480
agtggaccag	atgcttggac	gatacccgag	aatacagtaa	tggacaggcg	ggtgccatag	540
aacatgtgag	aaactacatt	tgnttgcatt	tctnctaccc	accttttttg	ggaatgaatg	600
ttttggggaa	tggggctntn	accttaagga	aaaaaccnnt	gngnaatgct	ttaaaatttt	660
aaaactgatt	taatatttta	tagtttaagt	ttaggtanct	tgncn		705

<210> 4783

<211> 733

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(733)

<223> n = A,T,C or G

<400> 4783

tttgaatctg	tctctctttn	aaacntngg	ctncttgatg	ttntngcgga	tcctcgatt	60
gcgaatntg	cacgagatgg	tggttncct	ggaagctgag	aanaatgggg	ctttaatgga	120

acaaatngct	cangaagctg	tttgnatgc	agnttattat	ggaaatggcc	aaaaactgta	180
atgtggatcc	aanagggtgt	tttcgtctat	ttttccagaa	ngccnaagca	gaggaagaag	240
gttattttga	agcattcaaa	aatgaacttg	aagctttcaa	gtcaagagta	agactttatt	300
ctcaatcaca	aagttttcaa	cctatgacag	ttcagaatca	tggtcccat	tctggtgttg	360
gatctatagg	tttattagaa	tccttaccac	anaatccaga	ttatcttcag	tattctatca	420
gtacagctct	ctgcagctta	aactcgggtg	tacataaaga	agatgatgaa	cccaaaatga	480
tggacactgt	ataatttggt	taagactgct	gangccaagt	gctattttgn	tacaacgaaa	540
ggaagaactt	ggctatttcn	tgacactttt	atgggtgctg	cactttattc	ttgngntngn	600
tttttgatgg	ggagggaaa	agnactgaaa	tgtttcgna	aattttntt	tanngtgccn	660
gcttaggnnt	ncttggtntn	gactctggtg	tctngaataa	gangagntgn	tcccatatgt	720
ttngnnggna	anc					733

<210> 4784
 <211> 709
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(709)
 <223> n = A,T,C or G

<400> 4784						60
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atgcagtgtc	aatggctaga	agaatcggag	ccagagtgtg	tgctctccct	gaagaccttg	180
tggaagtaaa	gccaagatg	gtcatgactg	tgtttgcatt	tttgatgggc	aggggaatga	240
agagagtgtg	aaataaccaa	tctgaataaa	acagccatgc	tcccaggtgc	atgattcgca	300
ggtcagctat	ttccaggtga	agtgcctatg	gcttaaggaa	ctcttggcca	ttcaaaggac	360
ttttcatttt	gattaacagg	actagcttat	catgagagcc	ctcaggggaa	agggtttaag	420
aaaaacaact	cctctttccc	atagtcagag	ttgaatttgt	caggcacgcc	tgaaatgtgc	480
tcatagccaa	aacattttac	tctctcctcc	tagaatgctg	cccttgacat	ttcccattgc	540
tgtatgttat	ttcttgctct	gttatctttt	gccctcttag	aatgtccctc	tcttgggact	600
tgcttagatg	atgggatatg	aatattatta	gacagtaatt	ttgctttcca	tccagtatgc	660
tagttcttat	tcgagaacta	tggtcagagc	gtatttggtg	atgagtatcc	tttgcttatc	709
tttgtagtac	tgaaaatttg	cccgaagtaa	ctggctgtgc	agaatgtat		

<210> 4785
 <211> 831
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(831)
 <223> n = A,T,C or G

<400> 4785						60
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gattcgctga	cctcctcctc	agagaaagca	ctggccaacc	agttcctggc	ccctggccgt	180
gtgccaacca	cagccagaga	gcgagtggcc	gccacacaga	cggatcatnt	gcantcacnn	240
gcgcggtaca	ccagcgagat	gcggagtggg	ctactangca	cggactctgc	aatgtgagtc	300
accatgaaca	caacatgact	tgaggggcaa	ctgactaang	acaagacatg	tattcttgct	360
gccccagggc	cttcattgcca	tgactcctnt	gcnnatgntn	naacangagc	atcaccaaac	420
tacnctgna	nnaataccan	gactnatgat	aatggncccg	anangaanca	aagctctgna	480
cantggctna	tacnttgtna	tttncgtagc	tgaagcatgn	ggntcacctn	nnntcangan	540
tttgnggacc	aacntnnnca	actntnactn	taacncatgn	cttttctaaa	nnntnaaant	600
tttaatnncg	nntncaacnt	tcncaatntc	tggntttccc	nanntgctnn	gnnaggnaat	660
ctnnctnnga	ntaaaantnt	ttnanacnca	anaaagntgn	agggtttcaa	ntaaagcttn	720
aananttant	ncaaattnat	actttntttt	gngntnnnta	ntagnnnnnn	tnanaacnnn	780
tnnttttctt	antnatatta	tnatagccta	atataanttt	atanntnatan	ncnatnnann	831
naacgtctan	anntttttat	ntcnntaaan	atttcttttn	naaggntntc	n	

<210> 4786
 <211> 793
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(793)
 <223> n = A,T,C or G

<400> 4786
 tttnnnnngnt ttannncatt ttgctactng ttctttttgc aggatcccat cgattcggaa 60
 ttatagtatt gacgtgaatc ccactgtggt atagattcca taatatgctt gaatattatg 120
 atatagccat ttaataacat tgatttcatt ctgtttaatg aatttggaat tatgcactga 180
 aagaaatgta aaacatttag aatagctcgt gttatggaaa aaagtgcact gaatttatta 240
 nacaaactta cgaatgctta acttntttac acagcatagg tgaaatcata tttgggctat 300
 tgtatactat gaacaatttg taaatgtcct aatttgatgt aaataactct gaaacaagag 360
 aaaagggttt taacttanag tagccctaaa atatggatgt gcttatataa tcgcttagtt 420
 ttggaaactgt atctgagtaa cagaggacag ctgtttttta accctcttct gcaagtttgt 480
 tgacctacat gggctaatat ggatactaaa aatactacat tgatctaaga agaaactagc 540
 cttgtggagt atatagatgc ttttcattat acacacaaaa atccctgagg gacattttga 600
 ggcataaata taaaacattt ttatttcagt aactttcccc cctgtgtaaa gttactatgg 660
 tttgggggta caacttcatt ctatagaata ttaagtggga agtgggtgaa ttctactttt 720
 tatggttggg gtggaccaat ggctatcaag agtgacaaat naagggtaan ggatgattcc 780
 caaaaaaaaaaaa aaa 793

<210> 4787
 <211> 750
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(750)
 <223> n = A,T,C or G

<400> 4787
 naatngcnag gctcntgctc tntgngcagg ancccatcga tncgaattcg gcacggaggt 60
 tatgagtggg catngtgaaa atttggntga atacagcaan gtagcaagaa aatnncngnc 120
 ntatntacta canttaacct ntatnaactg nnnngncata tgacatccaa atgttntatn 180
 atnacctggn aaanttanta tagtntanga tactaaaaca gtatgnntac aaaagtgaac 240
 tnnctgtgca nntntcacag gntttattca tgtgacacta tatantgcct anngtcacnt 300
 ntcancang ttentctnna gtgnaantnn ntcnagngca tctngcacag atgctnnatt 360
 gactanagaa tgaatncnnt gggcgnnnat acntgggcta actgcngnna tngatcattc 420
 tananngcac tnatgnaat anccccatan angccggaca gacggtanac atacnnanng 480
 angcnccaga tncctttann atgnatnatt gagatttnac cagtctcatg tgccccgcgt 540
 tntgtgttnn nctnanacan gcngattnac nctgntctag ncatcttgnc tnnatcgnga 600
 aataatggct cctgcctcca tnataatgtt taggagngaa atgnaannan ttcgcgtggg 660
 cntgctngag tgcnaaaggc ctttacnngt tngnancnaa ntnggggnagc nagttntcnc 720
 cnnatngtac gctccccctna ncaatntccg 750

<210> 4788
 <211> 716
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(716)
 <223> n = A,T,C or G

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<400> 4788
tgnnnnttttg nttcnaatgc nngctcttgt tcttttttga ggatcccatc gattcgcgca      60
aactttttcan tctctctaaa gaagatgatg tccgccagta tgttgtaaga aagcccttaa      120
ataaagaagg taagaaacct aggaccaaag caccacagat tcagcgtctt gttactccac      180
gtgtcctgca gcacaaacgg cggcgatttg ctctgaagaa gcagcgtagc aagaaaaata      240
aagaagaggc tgcagaatat gctaaacttt tggccaagag aatgaaggag gctaaggaga      300
agcgccagga acaaattgcg aagagacgca gactttcttc tctgcgagct tctacttcta      360
agtctgaatc cagtcagaaa taagattttt tgagtaacaa ataaataaga tcagactctg      420
aaaaaaaaaa aaaaaagcct ctagaactat agtgagtcgt attacgtaga tccagacatg      480
ataagataca ttgatgatgt tggacaaacc acaactagaa tgcagtgaag aaaatgcttt      540
atttgtgaaa ttgtgatgct tattgcttta tttgtaacca ttataagctg caataaacia      600
gttaacaaca acaattgcat tcattttatg tttcangttc anggggagggt gtggggangtt      660
ttttaattcg nggccgcgcg ccaatgcatt gggcccgagc ccacttttgg tccntt      716

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<210> 4789
<211> 792
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(792)
<223> n = A,T,C or G

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<400> 4789
gnnnnnnnnn ttttnaacgc tngctacttg ttctttttgc aggatcccat cgattcgaat      60
tcggcacgag gagagcttgg gatgtggtta tgccagccac actcctcaga gccgtggcca      120
gatctcatca tatattatca aaagcacatc agtgccgaag aatcggtcat ctaatgttaa      180
aaccacttaa ggaatttgaa aatacaacat gcagcacact gacaatacgt caaagcttgg      240
atttgttctt tcttgataaa acagctagtg gtttgaataa gtctcagatc ctggaaatga      300
acaaaaaaa gtcagatacc agcatgctgt ctccattaaa tgctgctcgt tgccaagatg      360
aaaaggcaca ccttccaacc atgaaatcct ttggtactca caggagagtg acccacaac      420
caaatctgtt ggggttctaaa tgggtttataa aaatatataa gaggcatttc tcatctgtat      480
caacggaaac atttgttcca aaacaagact tcccacaggt gaagagacca ctaaaagcat      540
ccaggaccag acagccatcc aggaccaacc ttccagttct gtctgtgaac gaggacctaa      600
tgcactgcac agcatttgca acggcagatg agtatcatct gggaaatctg tctcaagatc      660
tggccttcca cggatatgtt gaagtaacaa gcttgccatg agatgcagca aatatttttg      720
tgatgggtgt ggaaaattct gcaaaagaag gtgatccttg aacaatatc ttcttcaggg      780
aaggagctgc tg      792

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<210> 4790
<211> 829
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(829)
<223> n = A,T,C or G

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<400> 4790
ggtggngggg ngtanttcta atgctgggnt ctngtctnn nncanganca cncnncggga      60
atnctcanna ncnccacctc nagcnccttn tngnagttct gatcanggna ttacactctt      120
ttnatggggg cctgcctgta agtgtagaca tgcacactca gctgacctta ctgntcaaaa      180
gctggagaaa aagaaacagc tttcatacag tgcaaactgt ctacgtctat gtaaaagaat      240
ttgagaaaca tggcagtagc cattgctaataaatctgggt atgtgtaaat agtttaactt      300
gatttttgac tctggngttc ggatctatatt taagatcgat ggagttaatt gcttcatgac      360
agttcttatg aaacatgctt cnntatntcc ttgtgccaan gtntcgnnta cagatnttnc      420
naaangaatt nactctgcna aatactgnaa tgacnntcn ngtgngacnt gttaggcgna      480
acgatanatt tngnagntnt nttccttttg tatngatttg gnnttangat gcanganncn      540

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nattttcanc	cnagngtggn	catnaancct	gacganaccn	ctantntttt	ttaanncctg	600
tattaancac	ctagantgcc	ccgngnccn	aaataactna	ngnccccant	cntntaaaga	660
acttctgnaa	aanntagttt	agnccntccn	ggccnntaaa	ntggggngat	gnannaaaag	720
ncngaaaacc	nntgtancca	ccccntantg	gngcnntnn	nnctattnnn	tcnnnccgnt	780
nnctccntac	atatcttncc	ctnaaatnct	ttgggcntca	acnaatccg		829

<210> 4791
 <211> 747
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(747)
 <223> n = A,T,C or G

<400> 4791						60
nggnngttna	tcnncntgnc	agctcttggt	ntttttgcag	gatcccatcg	attcgaattc	120
ggcagagct	cagtaaccca	attactagtn	ccttttgaag	agaccaggct	gggaattggt	180
agtaataata	atagctgaca	tttaccaggg	gctaccacac	tgccaagcat	catgctaata	240
ttgccaggtc	cttctgagtc	antgtgaatg	gcangagcac	cacatgttcc	ttnttcttca	300
gttcacacac	attgagtgct	ttcatgtgta	agtaacaaca	gagactgagg	gcatatgtat	360
tgngtaaaaa	aaaattttgt	tactgggaaa	atagccatta	ctgggaaata	gctttgttac	420
agaaagtcct	tcatgtggct	gggcacagtg	gtcacgcct	ggaatcccag	cactttggga	480
ggccaaggtg	ggtgggtcac	ctgaagtcn	gagtacaaga	ccagcctggc	caacgtgggtg	540
aaactccgtc	tctactaaaa	atacaaaaa	attagctggg	cttgggtggca	tacacctgtg	600
atcccatcta	ctcgggagnc	tgaggaggga	gaattgcttg	aaccgggan	gcngacgttg	660
tagtgcgcca	aaattgtgcc	cttgcattn	agcctaggcn	ngagagtgg	actccgtctc	720
aaaaaaaaaa	aaaaggtgat	ttaattaaaa	ccagatgaac	ccttncatga	tcacgtgcta	747
tgaattaaaa	caanatnnna	aaaaact				

<210> 4792
 <211> 860
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(860)
 <223> n = A,T,C or G

<400> 4792						60
ctncttntnt	tntnnnattt	ttnantnttt	tanatnantn	tntttanttt	ggtgtngntc	120
ntntttctan	cctacacnct	ctttctctat	ctananncng	gggnttnmca	aaaatntggc	180
tcttctatnn	tntcngnctc	ntctatnata	cacccantgg	cgaatccaca	tncagggggt	240
ctncaccaaaa	gttccaacct	ccaaagtga	ngactccgtg	gaacagcaag	ggnaggtgaa	300
gaantaataa	aagagaaaaga	aangaanaac	ngcanaanaa	aangaaaana	gaaaagaaaag	360
aactaaagtt	agaaaaccac	caggaaaact	caaggaaatca	naanccta	aaagcgcaaaa	420
agggacagga	ngctnacctt	gaggctgggtg	gggaggaagt	ccctgangcc	aatgggtctg	480
cagggaanag	gagcngaag	aagaancatc	tcaaggacag	cgccagtgat	tgaanangca	540
chcntngggc	canggaatag	gaancngan	gactnggaa	tttgaaacac	attctannaa	600
gaaaaagatg	aanctcccaa	nancatnctg	anggccgnga	accanangac	natgantgct	660
tcctgcaaaa	ggttaattca	actggtaatg	gaactatttn	aaagcaaatt	ctgaaaccan	720
gncccccaga	caatgnaaat	naccattcna	taaagcctna	ggnaaaaaat	gttttatgct	780
ccantttctta	ccacaanngt	acatnattga	gccatnnacc	atattccca	atgatggaaa	840
cttccctang	tncattcntt	ttaacnaaga	aaattcaatc	cnannaaccc	cttaaccttt	860
naannttatt	tanaaggnnn					

<210> 4793
 <211> 1222
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1222)

<223> n = A,T,C or G

<400> 4793

gnnntttttt	ccctnaaaaa	atggggccctt	ggggggtttt	cccttaaaaa	ttggnccttt	60
gggggttttc	cnnaaaatnn	ncctttgggn	tntaannacc	gngnccgttt	tttcgngnna	120
naannngatn	ntctnntcn	nctnnnnnn	annnancnn	nnntncannt	ctatnncnnc	180
nnnnannann	tatcnnnna	ctctnntcaa	ttcnnnnnnn	actnnnntat	nnnnatnna	240
cnnnntgnnn	annnnntnt	catctncn	nañtnncnct	atnncnnnat	ctnannctct	300
cntnnnnata	nacctgncat	aanactnnnn	nncatagtcn	cttnacanct	tnttatancn	360
ctnatcacn	atctnttcta	antctantnn	atnatana	tcacatcatna	ttnnntactt	420
ncanaccccn	ctnnccctac	nctnanncnt	cactcccnnc	cnnatctntc	tctnctatnn	480
natcantntn	nnnccanca	ctnnnacnnn	ntactantct	accnnmcttn	natctcnatn	540
natcatancc	atnctccnc	nccacnnttc	ncctnttaac	nnntntatnt	caatanaatn	600
nnctnancna	ttacntcnnc	tcnctcttc	attttntta	tctnctcatt	aannnnnnct	660
ccnnctcan	ntnnccntnt	nntactcnnc	natcccntaa	ntnctcnca	atcatactca	720
tctctcccat	anatactcan	atcctatacn	nactatcanc	tanntcttcn	antatatnt	780
tcatntttac	natccctctc	tccntcannt	ntnaanacnn	cnaantacnc	ttanatctat	840
ntntanatac	antcnnntnn	ncncaatntc	anatnttcta	tcatnctnt	aannatcctn	900
nnntnnnta	taatectanc	nanccacann	nnctccnnta	tntnnnnaca	catntatacn	960
cnactnannt	tctcnntcct	natnacatan	cccacnctnt	ncatacantc	ntcnatntc	1020
ntnnntnta	ttnttcantc	antaacatan	tnanantcgt	actnnnnann	cancactncc	1080
ctctttatat	tcactnatct	ntacatacca	tctannnnann	nacnnttcac	nnatnctct	1140
ncttnaatta	canncaact	cnntcatann	tcgnntatat	atcactctnt	ncnanatcca	1200
ctntntctnt	nntctccncc	cg				1222

<210> 4794

<211> 1068

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1068)

<223> n = A,T,C or G

<400> 4794

ggngcctttn	aaaatacccn	gnttnnanac	gcntngttac	acncnctagc	ttaaaagggg	60
gnggaaccct	atggntgcat	tgactgtggc	aaggccttna	gccnagaagt	tttgcttgt	120
agcacatcag	ggtatatcat	acagggaaa	actnccttng	tatgtccnga	angngggcaa	180
ccctgntcac	agaagtcagg	actcattaga	catcangaaa	atncactcag	gagagaaacc	240
ctatnaatgc	anngactgtg	ggaaagcctt	ncttncaaag	acaangctca	ntgtcannac	300
agaacnnaca	cgggagagag	accctatgnc	tgngatgagt	gtgagaaagc	tnncttctat	360
atgtcntgcc	nttggttaac	atnagcagaa	tacactcann	ggaagaaacn	cnnggngatt	420
cannngaang	nggaaatntc	ctgaccacan	ncanggtncn	tntcnnnnag	ttcctaanta	480
gaacaatggn	gcnanngngg	tanaaaggcc	cctgntagna	natannntna	anaccttggt	540
nggcnnnnat	ggatnnggnc	nngtggggtg	aatactgatg	tgnatntctc	nggntnancg	600
accantatnt	tngcatntnt	tcctattggn	agnaatacct	actntntaat	ntcnnnatnt	660
nctgcgggan	ntannnttnt	ttagcatctn	ctatccataa	nnnnncaaat	ngatcatcat	720
atnntcnatg	nnctcatctn	gtctnacact	nttgggtngc	catctgctnn	agacatnnna	780
ctntaanctn	taaattnatc	gctnantann	acccanngtg	ntnaccagcn	gtnacnncnn	840
gctnctcngt	nnngtatant	ntcacnatca	tantcantga	atntanngan	acngcatct	900
tntnannctg	cctcnnectc	tatcanaatn	aagtnnncng	aggnaactcan	antnactntc	960
nnntnnttcn	canaatgtat	catnnnctcn	nnanantatt	ttgantgcan	atcatngnan	1020
acntatgaan	ccnaatcatg	tntattncna	nngcnttact	tntnancg		1068

<210> 4795

<211> 816
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(816)
 <223> n = A,T,C or G

<400> 4795
 tttctaaatn gcttgggttt cnaaatccct tgggtgacgc cctcgccctaa nntggcggtgn 60
 nantgcccnc gattcgctgn caagtctgga antcatattg gagcctgngt ngactgaaaa 120
 ctcagcanga gttgatgtta aagtcttggg tctgaaattn gtngggcagg agattaggct 180
 ggaaactcag gcagaatttc tgtgttacia tcttgaggca taattcttct ccaaaaaaat 240
 ctccattttt ttctcttaaa gccttggatg agccttggat gattggatga ggactaccca 300
 cattatctag ggtaatctcc tttgcttaaa gtaaacctac tgtgttaatc acatcaacaa 360
 aataccttca cagctacatg tagtgtttga ccaaacaact aggcaccata gcctagccac 420
 ataaaattac tatcattata ctttgcctta tcacatactt ctaccttggga agggatattt 480
 cccagttggt atagctacaa aacagaggca gatcatttag cctgcattng attngtantg 540
 aaaaataaagc ctttgggtng ttttaacct gaaaatgttt gcggcctatt agtantngca 600
 caacttatcc tatnctggcc aaacatagaa tgctttcggt ttgcaaggta acangatccc 660
 ctttacagnt gtacnaaaaa tnancnntaa aaaaactnga gccctntaga acntnntagt 720
 ggagtcggan ttaacgttng ancccagacc ntggattang gatncattgg atggagtttg 780
 gacataccac cancttgga tggcnantga aaaaaa 816

<210> 4796
 <211> 1094
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1094)
 <223> n = A,T,C or G

<400> 4796
 cnnncaaana cnnnnnnnaa nnnanaacaa cgggggcgnc ncnanttcaa anctggnaaa 60
 cnnntccnnc acagncnacg aacgaaangg cacnagcnng cnaggaaacc gccncngcnc 120
 agcaaccgaa ggccaggnaa ttttnaanat cggngnggga ggacagnngg ggncaatatg 180
 ggcgggantn nncttcaaac angnaaacn tnccnngngg cggggganac cncggncacc 240
 atggainnaan tncnacaana ccgnggggaa gacnggntat gcaggcnccg ccataaancc 300
 cccctacta aggcnnrang gancaccaac agntggnggc cancaaagc ntntaanaac 360
 aanacctnac aanntcnna ncnntttngc ntatcccacc acnggganac angncaacgg 420
 tggacnctn aacaannaaa atnngaaaaa caaatctccc caanaatngg gggnggaacc 480
 annngnnangn nanctnnaac canaccgtcn tgnaacnngc nccaatacaa ngggngnngn 540
 gnnngncanaa cangcnngn accngcacgn aaggnggngg gcnnngnatca cancaaacag 600
 acaatatcca cggcgnaacc cnnncacn ntnaacggga ccngagtag acacangcac 660
 gaangcccn cngnccac ncccctgnaa ncgagaaaac naangccngg atacaaaaaa 720
 cccnaacca gccgncntn ncccccaac nngannaaag naacanaccn cacannngcc 780
 nngacaaan cncnacaana nngggnaaac aaacnctatg gganatcccc ctanggnang 840
 cngacccggn aaacgganna ncacaancta aacaancngt ncacgccaaa aaaaacngcc 900
 caaggcccca tcacngaang gaaaacnna nacggnnann anagncccn taannaaann 960
 ccncnncng nncaatcncc cattcgaaaa ncnncnctn ccgcnaannn ggaanacnnt 1020
 caaaacccc cgannngac nntatncagn aacannaaan ntgggtgnac cnncccnnc 1080
 ctaananatc nccc 1094

<210> 4797
 <211> 930
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(930)
 <223> n = A,T,C or G

<400> 4797
 ttttgctaac cgctgggcta ctcgntctct nngcaggatc ccatcgattc gaattcggca 60
 cgaggtggag agcgccaggt ttccagagta tgatgacctc tactgcaagt actgctttgt 120
 gtacggccag gactggggccc ccacagcggg tctggaggag gggatctcac agatcacatc 180
 caagagccaa gatgtgcggc aagcactggt gtggaacttc cccattgatg tcacctttaa 240
 aagcaccaac ccctacggct ggccacagat cgtgctcagc gtgtatggac cagatgtgtt 300
 cgggaacgat gtggttcgag gctatggggc cgtgcacgtg ccttctcac ctggccggca 360
 caaaaggacc atccccatgt ttgtccana atctacgtct aaactgcaga agtttacaag 420
 ctggttcatg gggcggnngc ccgagtacac agaccccaag gtggtggctc anggtgaagg 480
 cccgnnaang gtgtgtttgn ggcccaaccn acnccaatag ctggngggca acacagaata 540
 gntnctgtat aataatagtc tcattttcan agaaanannt tnntattccn ctcttnnttc 600
 ctaatcncna ntntctatta ntntntaccn tcnnnnnncc ncctcatttn cncnttttca 660
 ttttatcntt atcttatnnn nntcnanct actnntatta ctctnnccct nnantctcta 720
 tncctacnac cttntaatac ctntctantc tanacttcnc nctctntacc ntctctctca 780
 tntctntnct actctctccc tctctctcnc tccatattat tcttctctnn nantctntct 840
 tntntctcnc tattancntn cctntctntn tctactatat catcatntnc tntcnanctn 900
 anntntctat ctctacnta ctcanacaac 930

<210> 4798
 <211> 801
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(801)
 <223> n = A,T,C or G

<400> 4798
 aaaaagnacg gcnacntgna gacanaagan cccanngaag aancncagga aaagcccacn 60
 ccgaaggggg anacggacga gccnaggcaa aggnccannaa gaacagngat ttacanacga 120
 tntgcccnga ancncnnggg gngaaancag nggcngggcc accagnaaag aaacnagnnc 180
 gcccaggncn nngangnana cnanaaacgn aaganganga gnnagggggg aancangaca 240
 ggagaggcaa aannaaaagn nanananagn ggcnagncgg acngaagaaa naaacaaggg 300
 gngaagnaca ngaacnaaga aanagcaaag anaacnnaaa gngaacaann ccagcgccna 360
 gcannanccn aggangcaca naaaacagca ccaagaagac ngnannagca ngagagnnga 420
 agagangggc cncacgggga cacacnaggc aaacgcgana agcagnacng gncnaggngn 480
 cgcggaagnan aagagacnca aggggagang agcanaaggg aacgggngnc aggaagaaga 540
 caangnaacn caggaacgaa aaagggannc agaaagccgg agaanaacac ggngaganag 600
 naccaaaggc naanaaggng acaangggca agagacanan accangnngg acnnaagang 660
 cnacannagg naaaacanna gangaaanag gggaacanga angnaaaagn gaaannnggg 720
 ggaaaaganc aaacnaaaca gaaaacgggn nnggaaaaan nacaanngaa naacanggng 780
 ncaannggaa nnaaagggga n 801

<210> 4799
 <211> 813
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(813)
 <223> n = A,T,C or G

<400> 4799
 gnnnttttna annncgttgg tttcnatgta ncatttacna gntctttttg caggatccca 60

tcgatcgag	gtccacagcc	gaggtcganc	ancggcacag	cgaggtcggc	agcggcncag	120
cgaggtcggc	agtgggcaca	gcgaggtcgg	cagcggcagc	gaaggtcggc	agcggcncan	180
cgaggtcggc	aancggcagc	naaggtcggc	agcgggcccc	cgctgtgctc	ttccgcggac	240
tctgaatcat	ggcnaaccac	nggccacgat	ggcgacctcg	gctcggcgcg	aaagcggctg	300
ctcaaanag	gaagacatga	ctaaaagtgg	aattcgagac	cagctaagaa	gtggatgtga	360
ccccacggt	cgacaccatg	ggcctgcggg	aggacctgct	gcnggcatct	acgcttacgg	420
ttttgaaaa	ccatcagcaa	tccagcaacg	agcaatcaag	cagatcatca	aanggagaga	480
tgatcatgca	cagtctcagt	ccggccagga	aaaacagcca	ccttcagtat	ctcagtcctn	540
cantgtttgg	gatattcaag	ttcgtgaaac	tcaagctttg	atcttggtc	cacaagaaan	600
ttggctgtgc	cagatnata	aggggcttct	tgcttntcgg	tgactacatg	aatgtccant	660
gcatgacctg	cattggang	acccaatttt	tgccaagga	catcangga	cctgggttta	720
cgacaacat	gttttcnegg	gcacttccaa	ggcctgttt	ttganatnat	ccttncaaaa	780
aaccctaang	gacacctgct	nttnaaaaat	ttg			813

<210> 4800

<211> 776

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(776)

<223> n = A,T,C or G

<400> 4800

ttnaatnctt	ggcttttcan	aatngctgga	ngactngttc	tttntgnang	accgcacgag	60
cacgaatncg	gcacgaggtc	actntgnaac	ccagactggg	agtgcancgg	tgtggncata	120
gggnnctgng	cctggnanng	tntgntcgag	ntgtnatcnc	nantttgntt	ttgggtctgt	180
agcttaanna	tgcnnganna	ngatgcnnnn	anngtntntg	tnaganatgg	ggtntancna	240
gtttnnncna	ncngnnttca	attncatggg	ctcaantgaa	ccnctgcnn	ggctnctna	300
ntatnnggga	ctnncagaca	tgngnmanna	gtncgtggtg	canatctcaa	tattanaggt	360
aatatgnnat	agtgatatcn	atgacngtac	catttgnttc	aaaatgtgaa	aganataccg	420
ctgaagttn	tatgtntcnc	cttccaantc	nagccgccat	ntcnntcna	tcngcnanta	480
tgctgactca	naatgaatga	tngacatttn	ngntantncn	gcatectatc	nagtgtctatt	540
atnnctanan	atntcnataa	ttnnctngnc	cctnnancct	acanncntng	tcgnatgtnt	600
atccncttn	ttggancttt	gaaannttcg	atagggggaa	cntgatnagn	gcagtntnac	660
anaatgnntg	cnantntna	ntcggaaana	tcnaattngg	gnagctgnta	aacancnngg	720
gentaccttt	ntaatgtncn	ngggtnntna	antcaaccng	gntncngaaa	aanaac	776

<210> 4801

<211> 720

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(720)

<223> n = A,T,C or G

<400> 4801

tnnnntttt	naantcaatn	ctggctctcg	ttctttntgc	aggatccctc	gattcgaatt	60
cggcacgaga	tggcagttgc	ttttgaagta	tatgatgact	tcctccacta	caaaaagggg	120
atctaccacc	acactggtct	aagagaccct	ttcaaccctt	ttgagctgac	taatcatgct	180
gttctgcttg	tgggctatgg	cactgactca	gcctctggga	tggattactg	gattgttaaa	240
aacagctggg	gcaccggctg	gggtgagaat	ggctacttcc	ggatccgcag	aggaactgat	300
gagtgtgcaa	ttgagagcat	agcagtggca	gccacaccaa	ttcctaaatt	gtagggtatg	360
ccttcagta	tttcataatg	atctgcatca	gttgtaaagg	ggaattggta	tattcacaga	420
ctgtagacct	tcagcagcaa	tctcagaagc	ttacaaatag	atttccatga	agatatttgt	480
cttcagaatt	aaaactgccc	ttaattttta	tatacctttc	aatcgccac	tggccatttt	540
tttctaagta	ttcaattaag	tgggaatttt	ctggaagatg	gtcagctatg	aagtaataga	600
gtttgtctaa	tcatttgtaa	ttcaaactg	ctatatTTTT	taaaatcaat	gtgaaaacat	660

agacttattt ttaaaattgt ccaatcacia gaaaataatg gcaataatta tcaaaacttt

720

<210> 4802

<211> 1117

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1117)

<223> n = A,T,C or G

<400> 4802

atnncnnnnn	nancncatnt	netantcctn	acnantnnnc	ttncnctnn	nntnntnctn	60
ananttggn	tnagnggna	ttcnaatncc	cagctntngn	nctntttgca	ggatcccatc	120
gattcgaa	nnngcagag	aggaattcag	ctatcagctc	tcttcatgag	tggagtagac	180
atggccttg	ttgcaaatga	ngnntgcnga	caaaccaatc	ccctgggaac	actggtgtcc	240
ttggatgat	tttgatggga	agctcttcca	atccaaactc	ctcaaagcca	gccgggaaaa	300
gaccccactc	attgacctct	gtgatgggca	agctgatcag	gctgccaagg	tagagaagat	360
gcnccatanc	gtcctcnaaa	gggctcagct	tctncaggca	nagccacann	cttncctttt	420
ccgncgtcac	ctgcnctgct	cttttaccct	tgtctntggn	tacccctntn	nactttttan	480
nccnnntncc	aacccctntt	aatggcncnn	ngncantaat	gctnttttca	ttncnnttct	540
nttngnntct	nntctcttan	gncccccctc	attatngcgn	naaanncacn	gactatnttn	600
ntctnatggg	cntcccttta	accnccnctg	nncacactnc	tcnntcttan	tntnnatntn	660
tctncnatnn	tanncnctc	aatatctctn	ccatcacnnt	atctatcctc	nngtncctnt	720
ctnnctnant	tnnnatcana	ttttctattt	nncnactcat	ntctctacna	tctantnta	780
tnntatcaa	tctcananta	nactantatn	tcantntnct	acannatata	atatnctctt	840
ttnatntntn	tnntnatcat	ntanatnate	tntctntnat	anctacatct	ctctntctnn	900
ncaatntcatn	tagatacann	tanatntagn	taattatann	ncttnttctt	anttnnnnn	960
nttctntnt	catnctctn	nnnctgann	ctctccnntc	attcnattca	tacttcnnat	1020
tgatnatnca	ntannccatc	ataatntcac	ntccctcata	ncttnttctn	caanntatnn	1080
anattctcna	tatttcttta	tctatananc	nttgccn			1117

<210> 4803

<211> 781

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(781)

<223> n = A,T,C or G

<400> 4803

ttcaa	atngn	aggctctngt	tctttttgca	ggatcccatc	gattcggnag	antcccatnt	60
ctnnctgctg	acgagggacc	tgttttggtg	agtnccggga	ggcccaggga	gtngnggcat		120
gcnngctnct	nattcactat	gggnttcgc	cntggacacg	tantcaantg	cgcatgctgc		180
tgcccatgtn	tncttgcccc	acttcaccca	nttgggggct	gctcaagggt	ngnnnggcnt		240
cngtggtg	aggccagtat	ttanacaagg	ctctgtacat	gacaencaac	tgtgetnana		300
gtnccttcnc	tcngactaca	ccnatgnttt	nacagtnccc	tnntgnnnnn	tcntnttact		360
acagtgcnan	aacccnaatg	ancntttntt	tcctgctnna	tgcnnncnnn	antnnnnngac		420
ntntngttaa	tgtaaacnaa	gtgtgtacac	tttaaancca	catattgtat	ggtntcctgt		480
annatnangt	gccngaacat	gnacatttcg	atanccanag	attagattan	nggtntntcat		540
anggctggg	gaannggcat	ancttagtga	ttggtaatga	tntgggattt	nttttgggaa		600
tgaatgaaaa	tattctaaaa	ttngttgggn	ntttatccna	attctacgaa	atattnttaa		660
aaaaccacn	tgaatttgnc	tactttaagn	agagtgaat	ttnatgtcct	tgttcctcna		720
attaagcttg	ngnaaaaaga	tcgtaaaanc	nngatnnnaa	ntttctntna	nntngnntctn		780
t							781

<210> 4804

<211> 753

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(753)
<223> n = A,T,C or G

```
<400> 4804
aagctcttgt tctttttgca ggatcccatc gattcgaatt cggcacgaga aggctgagac      60
anganaatgn cntnaatngn ngaggcagag cttgcagtcn ntctgagatc acnccactgn      120
actncaaccn gngagacana ntnggactcc ntctnatacn atgngaaccc taaaatatgg      180
gntttntgca cattccagat ctcaanancn tgattctaen tgaaagatgg caatatncca      240
tcagaccagg tnttntctag ntccntntta cgaaatgtcc acaaattggca ggatcttcag      300
antcctagtn actgctantg ntncnaggaa tntttntnng gngactanna tgtntctaaan      360
ctnantggag gtgatggtnn aacnantngg tcactncact aagaatcatt nnatngnnac      420
tctatntggg canatantat ngcnaatgta ccttaatanan atcatgcttn aangtcaatt      480
aatccactca tgaanttnan cctctananc tnnagtganng ngatttacgn ncatnccnac      540
ttgntnagat ccttggatga ntatcggact aaccntnat cttatgcagn ntacaaaaat      600
gccttttnna gggnaaatnt gcgatgctat ntgcnttatc cntaaccatt tgtacnntcc      660
catttaacag ggttaccnnc catccaattg gcaatngatt ttatggnttc ntggtttncn      720
ggggttngat ttgngaangt ttnnttantt tcc      753
```

<210> 4805
<211> 740
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(740)
<223> n = A,T,C or G

```
<400> 4805
agggnnnnnt ttttagatac agctacttgt tctttttgca ggatcccatc gattcgaatt      60
cggcacgagg tttgatcatn ggncaaggtn ctggngagaa ctgcctntgn ggntagctga      120
ttnggggtc cttcatatga acganctgmn tggagcactc acaggactca cccgggtacn      180
aagattccaa cangatgatg ctncatatt ctgtgccatg gancagattg aagatgaaat      240
aaaagggtgn tnggattttn tacntacggn tatagcgtat tnggatnttc ttttaacta      300
aacctttnta ctnccccga aaaattcctt ggagatatng aagnatggga tcaagctgag      360
aaacaacttg aaaacagtct gaatgaattn ggtgaaaagt ggganttaaa ctctggagat      420
gganctttct atggcccaaa gattgacata canattaaag atgcaattgg gcggnaccac      480
cagtgtgcaa ccatccagct ggatttccag tngcccatta natttaatct tacttatgta      540
agccatgatg gtgatgatna gaaaaggcca gtgattgttc attgagccat cttgggatca      600
gtggnaagaa tgattgctat gctnacanga aaactattgg nggcaaattg gccttttngc      660
tgtccctttg ncaggtaatg gtagttccag tnggacccaa ctgtgatgaa tttcccaaaa      720
ngacnacacc attncacgat      740
```

<210> 4806
<211> 824
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(824)
<223> n = A,T,C or G

```
<400> 4806
gncnctttca acttcgcccc ttttnaaacc cggtgttcaa atcctcgttt caancccntc      60
tgcaggatcc catcgattcg aancngcacg aggggggnnnn ncgtggcnna ttgcgngcag      120
```

tacccttcna	gcncngngna	aagtgcagnc	anncgtaaca	catgcggcan	acngcannga	180
gcanaatgnt	aatgnccact	tcttgantca	tnccagaact	cccttaagcc	cacaagtttg	240
tnnnngngna	ggtcaantct	aggaacncng	ccgngnaacn	ggtntctcaa	tnnagnctc	300
cttanttntc	gcatanacan	gagngttctt	aaaacnnctc	cngtaaagca	agnctatntc	360
ganntnccctg	aggatcattg	ctcccgnata	cngntgntgg	ggtgagcctt	caggagang	420
ggaacagaat	nnngtactag	ggtcganagt	caananacta	aggcncttna	ncaacatctc	480
agagcanann	atttngggag	cccntggaac	gntactgggn	aatttantca	gtgngcattt	540
ntnaagactg	ggncagggn	tggantnatc	tnttggcgan	gggnncntag	ngcctcanca	600
caacactgng	cnagcccngg	acttagnaa	cccctgcana	aactggnnna	annggcctnt	660
taaaantncc	ccanangtnn	accccnnaag	aagcncgna	agcccnnaaa	ctnccaaacc	720
aaccnctntc	tttctcnnnc	naantnnaca	ncntgggggt	ntgcnttggg	nnnaaatngn	780
nccnanaant	gcaccagntc	nacnntagtc	nnggggnacg	gnnc		824

<210> 4807
 <211> 745
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(745)
 <223> n = A,T,C or G

<400> 4807						
tntagataca	gctcttggtc	tttttgcagg	atccctcgat	tcgaattcgg	cacgagattc	60
ctttcatggt	acagtattta	ccccaagtca	tgattaaata	tctgtttata	tatttcttta	120
ttggattatt	tgtttatttt	tctctctcta	gactgcaagc	tccttgagca	gaccatgttt	180
attttgtcta	ccacaggtgc	tcaataaata	tttttgacta	tttattacat	gagaagggtt	240
ccatgcaaac	acccattgaa	tacgattgaa	cttgaaccct	aagagatggg	ctgtgacctt	300
tgttgccctc	aaactaatca	aaggggagtg	atattcacca	tccagaatct	agaataaact	360
anaccttggtg	ggccaggagc	tagctaccca	tatgataata	caagagctct	cagagaaatc	420
atggaagttt	tgagcaatct	ctctctccct	ttgctaattt	acttttcaa	actgaagtat	480
aatgggaata	acttccccac	ctctcaaattg	tcagcatgct	ctgaaatttc	atgttctctc	540
aggcgagccg	attcatgttt	tccattccac	cctctctctac	tgggctctct	atgccctttc	600
tacagtctcg	nttnttttac	cctgggccct	tttncctttg	gggctcttga	ttgaaaaaat	660
tgctgaactg	tagctttngg	aagtttaanc	ttttgagaac	ccgtagantg	atttcagttc	720
ttaggaaaaa	taaaancccg	ttggn				745

<210> 4808
 <211> 713
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(713)
 <223> n = A,T,C or G

<400> 4808						
tnnnncttna	aatnganagc	tacttgttct	ttttgcagga	tcccatcgat	tcgcttttta	60
acaatctggg	gctgtgttgc	ttctatgccc	agcagtatga	tatgactctg	acctcatttg	120
aacgtgcctt	ttctttggct	gaaaatgaag	aagaggcagc	tgatgtctgg	tacaacttgg	180
gacatgtagc	tgtggagata	caaatttgcc	ccatcagtg	ttcaggctgg	ctctgggtcaa	240
caacaacaac	cacgcccagg	cctacaacaa	cctggctgtg	ctggagatgc	ggaagggcca	300
cgttgaacag	gcaagggcac	tattacaaac	tgcacatca	ttagcaccac	atatgtatga	360
accgcatttt	aattttgcaa	caatctctga	taagattgga	gatctgcaga	gaagctatgt	420
tgctgcgcag	aagtctgaag	cagcatttcc	agaccatgtg	gacacacaac	atttaattaa	480
acaattaagg	cagcattttg	ctatgctctg	attgttcctt	agaccacata	tgttcttatg	540
aagcagcatt	atgcaagggg	aaaaaagcac	tatgtctgtg	tatgtatgta	tatagtgtaa	600
tacgtatatt	ttaacaaacc	tgtccttgat	attaagttaa	ngtgacacat	aagggtgaca	660
cagaatgtgt	aatgcaaatt	tcatagtaat	agtaacttta	taaaataata	tta	713

<210> 4809
 <211> 765
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(765)
 <223> n = A,T,C or G

<400> 4809
 gnnngnnnnn nnnntgcnaa tgctaggcta cttgttcttt ttgcaggatc ccatcgattc 60
 gaattcggca cgaggtggag ctcacctatt tggaatatgg ggcatttgtt tttccactg 120
 caatgatttc agtctggttt catcatgttg gaattcgatc acaccatttt caaacaatgt 180
 taacatagtc cagcttttgt ttttctcatc tcttctgaga ggagactcac tgtttctgtc 240
 tgaggaagct cataccctcg gcaaaacatc aggacaaata aagagaaatg ggggtacgca 300
 ttcccaacag aagcagtgtg ttatttgttt taaaactctg aacagagatc ttggaaatct 360
 ttcaaaaaga ccattgaatt cttcattggc tgagaacgac gttttaaaat gtcttaaata 420
 aggccttgtt tgcattgttt gagttcaagg ggccttatta ttgaatggaa ttgcacaagc 480
 ctttctttgt gcaatcaaac cattgntatt ggtagtcttg taaaggaaac tgtggaatcg 540
 aattggcagt ggagtcataa atctatttac tgagtgtggc ttccaagaaa atgttgcaat 600
 tcaaaatgcc taaagtctgt gatttattng gagatttggg agattcttaa ataattttt 660
 ttaaaaaact tccatgccaa cnttcttggn ttaaatggtt tggcaacctn ccccttgatn 720
 aaaaaaatta aaaccaggcc caaatggtnc tcaaatataa aatct 765

<210> 4810
 <211> 800
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(800)
 <223> n = A,T,C or G

<400> 4810
 aananggccn ggcnnncnng nnnngccnnc gnaagccctt tgnangnaac ccctctggga 60
 angcccccna cggcggancc cngcgccgng gnacncggca cngggcagac nanacnanag 120
 gttgacngc cnttttcgan caggngacgc acnacncng cnggggganc cccangcccg 180
 gcagnnccgc cgggggcccgc gccacgaaga acgcgggccc gggcgccncc accnnggccg 240
 cagataccan caacgggcag ggggcnct nnnggcccag caagaagggc gaaaangagg 300
 ccgacggntg ccnggcgcgc caccacgant ggcacccnng ancggggaca cgcgagagag 360
 cangtggggg ccgcgacaca ggggagacgg cggagccgng ggacangggg ngagaaccac 420
 agncncnnag cncgccagcg ccgnaacag ggcngnctc cangcccna ggcnnccacn 480
 cgngcaaaac ngcnggccna ccggnccca cantgaaaga cnggaggaga acgggganng 540
 aangacnggg ngcangaggg ntgagnnggc caacangng cnaacaaang nnccacnacg 600
 cccgngngga nggcagngnc agcggnggag aaggaggacc ncaaaggcga cggngcaggg 660
 acgcacnggg naaaaccccc aanaggcang gaggggacnn ggcgnaaggc ccggggaggg 720
 nngnaagggg ggcccggng ccngggcccc nngnacccnn aaggcccncc ngggggggca 780
 aananngccc nnnngaacna 800

<210> 4811
 <211> 741
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(741)
 <223> n = A,T,C or G

```

<400> 4811
ngttgatcaa gctcttggtc tttttgcagg atcccatcga ttcgaattcg gcacgagcac      60
agaccagaa cctgctatgc ggaacaaggc tgatcagcaa cttgtggaaa tagacaaaaa      120
atatgctgga ttcattcata tgaaagcagt ggctggtatg aagatgtctt accaggtaca      180
acaggcaatc aacacatgcc taaaagatcc tgtaaggggt ttcagacaag acgagtcctc      240
tagcgctttg tgttcacacc tttactccat gatccgtgga aaccgccaac acagacgagc      300
ctttcttatt tctttactca acctctttga tgacacagca aaaacagacg tgactatgct      360
cttgatata gcagacaatc tagcctgttt tccataccag acacaggaag agccgttggt      420
tataatgcat catatagaca ttacactctc agtttctggt agtaacctac tgcagtcatt      480
caaggagtct atggtaaagg acaaaaggaa agagagaaaa tcatcaccta gtaaggaaaa      540
tgagtcaagc gacagtgaag aagaagtttc caggcctcgg aagtcacgga aacgtgtaga      600
ttcagattca gattcagatt cagaagacga tataaattca gtgatgaaat gttgccagaa      660
aattcagctc cttaaatcga atttgcaaat gtgtccaagg tattttatta cttctcatgt      720
taaaacaaca tttgaagaat c                                     741

```

<210> 4812

<211> 817

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(817)

<223> n = A,T,C or G

```

<400> 4812
aaatntacag tttcnngacc nttgggcagg catcccatcg attcgaatnc ggcacgnagg      60
atntactggc cnattggaat cnnaacctg anttagaaag gctcaacgag ancangctnt      120
cagggctgct aaggaagcaa aaaaggctaa gcaagcatct aaaaagactg caatggctgc      180
tgctaaggca cctacaaagg cagcacctac ncaaaanatt gtgaagcctg tgaaagtttc      240
aggtntcaat gtntactcan gatggaatga tnnangcatc tggctcacgn tgaagggctc      300
gcntnaccna tnacactgtc gtectgcanc acannncnag catgnntgtn cntngcttca      360
aagnctgana anctcttcat ntcnatttgn ntnacacnct gcntgacctn gccctctnat      420
acnacntggt tetaacccgn acntnttccn tctatnntnt tntcctngcn aangnncata      480
tgngccnagn cngcncgngc ctcacatctc gtgctcntgg cnntctntgc tgectgaaac      540
tcccttgntc tacgtntgtc tcntngggta ngeectntcn ctntttcnag acttggnctn      600
aangtgtaca acatntantg tnnangectt tctnnaggat canctaantg nntggacacn      660
attantaagn cttntntta antacttnnn attcaattng ctccttcata cattcntgnt      720
aaattgttcc ctanctggnn nagcaattan atngcattnt tantagtnnn gnntcccntn      780
tntgnttaat gcctcnctta tngggcggtg ngggctcg                                     817

```

<210> 4813

<211> 1359

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1359)

<223> n = A,T,C or G

```

<400> 4813
ttngnnaaaa ntcnctana atcnactttn tgggnatact tcggtcntat anctaganga      60
naaggggnat ccccantcn gnatctcggn acntnntang ctaatcatna gctatnnnat      120
tntttacnca tgnattctac tannntcat ntataataac nncctaaatn antcnaata      180
nnaagnntnc tnggganatt antctnnnna tntngantc nannnnannt atntcaatta      240
ncnccataac taanatanta tntatntnna tnttantnt actantnnat annacttann      300
nantactnnn natacnanna tatannanan acnacnnnt tntntntnt tctntaaatc      360
aannnnntc ntatattact ttnennattn tnnatnatnn tnnatnnnat ananncnnt      420
tattntcnnn natattcnnt atttnnanna taatcnctaa tcnaatanna tnataacnnn      480

```

ccatcatac	aataagnaat	acnantcctn	nnnnncnnnc	tancatctt	ntttcnnnt	540
natannttt	ntgatnncnn	atcantntna	atacctntat	actnataatnt	tatcatntnn	600
annntnannn	caantatatt	natnanaenc	aaactactcn	actntntcna	nttaancaaa	660
nanntantcc	atatntctnc	annncnntga	ntattanana	gatcttnnac	tnntatancca	720
nannnnattg	nncanatana	tatcantact	acataaant	ctacnntnac	tnntaactna	780
naannnnact	atnactcgat	tnctctatna	cttatnnncn	nactactacn	cataacanca	840
gtntntcgcn	tactatatanc	gagtnatctn	nttttaaatn	tatatnacat	actcnanaat	900
ancnatcnat	nattactana	catatnatca	actatatang	tnnagtanaa	atcatctttt	960
naattntntaa	ctaacagnnt	atnaactana	tgnatatnaa	tacatanant	atncaaactc	1020
ntnnctcaca	ncgttataaa	ataaccntat	aanattgntn	tatacagnan	atacttatna	1080
acttngnatt	ntatatntcn	cntctaanna	taccattata	atgcnatnac	actatntaat	1140
actatanang	ctanatcgtn	nnatgnntct	cncncttatn	tacnactgcn	antcannnnc	1200
ntnttatcgtn	tctcatncga	ttntaäcnaan	catanataata	cccatattat	antantngt	1260
nanncntnat	atatntatgat	natactnann	ttngnmatnt	catatntnan	tctcncgat	1320
nttacanntn	tnatantatn	aatgcctata	ntacatnecg			1359

aaaaaaaaa	aaaaaagcct	ctagaactat	agtgagtcgt	attacgtaga	tccagacatg	480
ataagataca	ttgatgagtt	tggacaaacc	acaactagaa	tgcagtga	aaaatgcttt	540
atattgtgaaa	tttgtgatgc	tattgtctta	tttgtaacca	ttataagctg	caataaacia	600
gttaacaaca	acaattgcat	tcattttatg	tttcangttc	anggggaggt	gtgggangtt	660
ttttaattcg	nggccgcgcg	ccaatgcatt	gggcccgac	ccacttttgg	tccntt	716

<210> 4816
 <211> 767
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(767)
 <223> n = A,T,C or G

<400> 4816						
naancnatag	ttcntgtntct	ttttgcagga	tcctctgatt	cgantgcgnc	tnaagnancn	60
gcncaggnct	annctcaccc	cattactggc	tgntgttcta	tnaggtctn	atganggnan	120
ctgacnnaga	ccgtggnagt	aacnttgga	tcctnctncan	tnactaaga	ananacnaat	180
gtggcngnc	catntgccn	nctcgtntga	ncacancnan	nnaagagnct	ccagcatggc	240
aattgcnatt	caccnga	gctgtncatg	aagngaactn	ngttcnnng	acggcattcc	300
nacctgngcc	natgccatg	acnaggantc	nactggannt	cnagaannnt	gctnntgngc	360
ctcntnaang	gcnnntgtat	ngctcaccat	ggagccctng	nggncnttgg	acntnannta	420
ctatgacagg	ccanancact	gactgaccan	cntngatgac	ggctcntgt	tacctatgaa	480
ttganntgca	tnananctng	agngatcaaa	gttacnannt	ggtacacctc	tnnctcagng	540
atttctcagg	tnnctcgatn	tcaannctta	atatntacan	ngctaattgc	acttagaccc	600
tgncacgttc	tngatgtan	acntccttga	cnnnatngtn	acatntttnt	tcatgnctta	660
aaagtnaatt	ggtngcanag	tttctttcna	tnccggatgc	tctgctntta	cncaangata	720
cgngattnaa	tgtnaangnt	cgtcaggaag	nntttantga	acttntct		767

<210> 4817
 <211> 1154
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1154)
 <223> n = A,T,C or G

<400> 4817						
ngggggaggg	ntgaggtgta	aannnnctcn	tanntattta	ccaagcctta	ctntgggttt	60
ctttttttgg	gccaggggaa	ttccccattc	gnatttgng	gaaatttcg	gcnaaccgaaa	120
ggcagcaagg	gtntntggtn	ccacttggg	gttgccaaa	gggcttaaan	aatgncttcc	180
aagtttaaaa	aggccagngc	aaaaattaac	cgtnnggggt	cgngccttga	aaaaaatac	240
cgtggtcaat	tttcttaaag	gttgtggatt	tatttggcaa	agnttnaaan	aatgggaaat	300
tggatgnttt	tccaacnaaa	ntaaggggtt	atttggtaaa	tttcaagggg	gtattagcca	360
caccaatttt	taaatggtaa	agcccnaana	aaggatggtt	ttgtnaccac	gtttncnaaa	420
naaaaattag	tnacctggta	tccanntccc	aagttggtcc	cacttttcnc	ttcctaaacc	480
tttccttggc	cctaccgcca	acnagcacca	ctttananat	tancnttgcc	accgaatttn	540
cctngaagcc	acngggaaaa	gggaatacct	tttacttga	ccctgggttc	accgaaancc	600
gacctntttt	agaccctnaa	tgaaccctta	ttttactng	ggttnantaa	nacctttgtc	660
ntttggggcc	aggnccttnt	ttcaaccctn	ggaatgcttn	aagggtnnga	aaactaggan	720
ttaccnaaac	ccttgcccc	tttcantngn	aantnmacat	acccatttg	gttngtgcta	780
cctttnggg	attaccccat	tnctttann	cccngnantn	ccangngtn	ccatcantgg	840
ttcctangta	aaatnncgga	aactttctta	anngganng	acttgaang	ncanagnang	900
aaatttngcg	gtagaataac	cctnnnaaan	ngtcnnaatn	tgnttaannt	ncttttaacc	960
ttgaaaaatc	ntagcncnca	cttggttanc	tnnttgcccc	ntttnncccn	ncnnnnannt	1020
tggcactttc	cgntattccc	ctnanaaaat	ttaccngctn	gacatatntt	nactcccngt	1080
gcctntnggt	tnanaccacc	accctngnta	gtntcccaaa	cttctntcct	catgctacnt	1140

ctacggggag gtct

1154

<210> 4818

<211> 766

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(766)

<223> n = A,T,C or G

<400> 4818

ttnnnnnnnn	gtnttttaag	ntacaggnta	caannccctng	gctactngtt	ctttctgcag	60
gaanccatgc	gcntngcaat	gctgancnag	ggctntnntc	atgtatccac	tggnntctgc	120
cncccaaat	gctngactgc	agnngtgtga	tcatggctna	ctgcnnccctt	gacctcctgg	180
gctagagcan	ntngccttcc	tangactctc	aaantgctgg	gattacaggt	gtgagccana	240
ngngcgtggc	ctctttttac	nnnattgnna	nnnnaattat	tanggnannn	tcnaaggcnn	300
aatgnattgn	caccntcnnt	gctcacctnn	gacttgaccn	gntganctca	tggnatcnna	360
nnaccncatn	ctttcnanna	gctntgacta	cnagcagcac	accancctan	ccngctagtc	420
tgtatggcgg	agcacacaca	tggaatcaac	tcgtgtgccc	aactcaggta	gaactacngt	480
actnaagnga	tncnccgctc	tgmmcnncna	nggtgtcnng	nttacacntt	tgagcnattn	540
cacanggggn	atntcntcnn	tnntcaaate	ttacaccttg	ggctangctt	ggaagtgtaa	600
ngnatatanc	tgangacncc	ttagntttat	gaagctncat	tgagggtnc	tgtaccaann	660
atggncgcat	ccaactggnt	tccatcttct	taatcagaaa	tntnacattg	gngcagnnga	720
aaaaaaaaaa	agaactcgag	gccttanact	atagttagtc	gtntng		766

<210> 4819

<211> 579

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(579)

<223> n = A,T,C or G

<400> 4819

ttaagccttt	gntatctggt	ctttttgcag	gateccatcg	attcgcgcaa	actttncant	60
ctctctaaag	aagatgatgt	ccgccagtat	ggtgtaagaa	agcccttaaa	ttaaagaagg	120
aacaaacctt	ngaccaaaag	acccangatt	cagcgtnttg	ttactncacg	tgctcctgcan	180
cacanaacgg	ggntntttgc	tctgacaagc	anngtccaag	aanagtaacc	ataaggctgc	240
agaatatgct	agactcttgn	cntcagaatg	aangcngctt	ggcgnagccc	annaacacan	300
tgcaagagc	ctatgctgcn	tctctgtagc	nntctctaan	tatgatcnnn	nngaaatcat	360
nntatgannc	caatgataan	acagcttaag	aacngggaaa	nccttaactt	ccagnnatcg	420
ctatctcngn	agatctntat	tgccannnnc	tgangnaaga	tggtatctaa	atgntgtcgt	480
tatgtcnctt	actgatncag	tacacncttn	atcatttgta	ngntgtgngt	tggagtctaa	540
ttggcnnncn	ttcttncttn	acctcttagt	cttatgtga			579

<210> 4820

<211> 1028

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1028)

<223> n = A,T,C or G

<400> 4820

cccccgccgn	anaaactnnn	cnnatnnang	nnncnnaann	caccnnncan	cnnnanannn	60
------------	------------	------------	------------	------------	------------	----

gnacgnnnan	ncncnnngca	cnnnanaacng	canaggannt	gncncncgga	ttnnccntga	120
acctggaaac	cgcntctanc	aggagncng	cgattcgaat	tcggcacgag	agnncacagg	180
nnntgcneg	acnanngcta	aangcnanaa	cggaannga	gaagncgngg	annnggngag	240
ncgatgacng	gacacancnn	atnngncaag	ngggacgctt	gnnnacgcag	cnggaccnac	300
anggtgcaag	angccntcga	cnacatanaa	nnaccanaaa	aaaccnagg	cacgnggcac	360
ntcnccccg	agnaangcan	cncnnnggga	ngccgacag	ngctgagaaa	ngcngnaan	420
ccaggaggtg	gaanangnac	gagcaccnga	naggcgccat	ngcctnncan	nnnnngcann	480
nancagtgc	ctntnnncac	angaaacaac	acnacagana	gtcaagcacc	nnaaaanctc	540
antacacnnc	cacaaggagc	gcnnntggac	ccngctncta	agncggangt	nggnntaaga	600
cnatcgngan	cccaccaann	tccttgcca	angnnaaaan	angcnaaaan	nggnccntgn	660
tcggcannnn	gcnaantagc	antgaaaaa	nccggncca	tnaaaaan	acgggnncaa	720
ncctnntnan	ngngngngc	aanagnnggg	gcnaaaanag	nnaaaacnna	ttgcacgcgn	780
aggtnnntaa	ttagaggng	gcnaacggga	cancacncgg	accgnaanta	nggccncna	840
canaaaactnn	acccaaatcg	cccaggga	ncgnaaacgn	gacttttnac	agaacttgna	900
ancgnacgaa	ccccncgann	agtnacanaa	ngcagnnaga	naaaaaantg	ngtcngcncn	960
nnangnnngc	tcatagggga	cnnaaanaac	ataggganac	acaccgngag	cnaanaanat	1020
taagggcg						1028

<210> 4821
 <211> 832
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(832)
 <223> n = A,T,C or G

<400> 4821						
antggnaann	ngggcaanaa	nncccttaag	aannactgaa	nggaaaagcc	cgnagcgnnt	60
ggngngaann	gggacngag	gggnnggang	agggggtaca	gaccggnntt	tgngcngcgn	120
nttncganga	ncgangngg	ggnanntngg	gggggnangn	naaggggcgg	cagngggana	180
aagatgcggn	ggcgaggcca	ngaaaggang	gaaggggaaga	ngggaannaa	gncaggngnc	240
ccnngggcaa	caaggagggn	aggggnacag	gnagnaaagn	ngnggaagng	gaccggagca	300
gncnaaacng	ggagngnaan	agnggggaag	naanggagng	ngcanaagnn	gagagagagn	360
acncagngna	gaaacaggcn	nnagagaagc	agcnggngna	aaaacnggc	ggnannagng	420
anaggagag	gaggnannaa	aggcangnga	aaagaaggan	ggcagangga	aggannngna	480
anaagccan	gagagnnggn	nnacnagaga	anggggcaaa	ggcgacaggn	gggaaaggna	540
aaggganggn	agaannngag	ggggcnngaa	gnaacgagac	gnngganngg	ggaggnanaa	600
nggnnaanna	gagggngaag	gaaaggacaa	gnggngngana	gnggnnagac	gnangcngaa	660
naggagggga	ggagnaacng	agnagangga	ggnangngga	agggnggacn	gggnncngga	720
gngggaaggn	ggngannnaa	ggnnngggan	anggggnnnn	aaaggggang	nannaannnn	780
gnaagaggga	ngggagggna	agggngggga	gagaggngng	agggcgaaaa	cc	832

<210> 4822
 <211> 1036
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1036)
 <223> n = A,T,C or G

<400> 4822						
annagcngnn	naaacnnnnn	nancnnnnnn	naaannnnng	aaanngaagg	naacannaan	60
nnngnnnnncg	aaaaannnga	anacaacnnn	cannnnnnann	acaccaggng	nanaagnang	120
naaaggaacg	cgncncncan	nnncnnncgn	ngngannacg	aaancggnna	ngacgntgaa	180
anntagaatg	cacagannna	nannancnna	ntagnaaaca	tcngggnncn	nnannangcg	240
acatntntnn	ccgnttgga	acgcttgga	atctccgacg	canagagaga	gagaagagct	300
nncaanancn	nagatagnna	gnancgnana	natanangnn	gtcannnnna	naggnnngaa	360

acnncnncnct	ctanntnnca	gctnnnnggct	cacagnnggan	agncaacgan	ggcagaagga	420
acatgagcct	gatgaagaga	cnggaaaangg	agcacctgnt	cctgnacctn	caaagagAAC	480
agnccaaaga	aatacaccca	agcanggang	ctcagagatn	aatancagag	agaggactnc	540
cancctnaag	gcangnatna	nganaaggca	aaanncaaag	gtaaaggaca	tgagagctga	600
agacttgang	angctaata	gacacangga	gcactgggca	cataggctan	nccctaaact	660
gnagntngag	ganattatcg	ncagagcaga	ataccnggga	agtaaaaagg	aagnncagac	720
ctgnnnaaaa	cgaantcgan	tagaaccnnc	cctanatata	catgaagaat	nntgntagca	780
natnatgatg	aangctgcng	gagaanaaan	gaaacactga	aagtnacnnn	antacngaAt	840
tnagaaccn	nnntggacaa	anntatactg	anaagnagag	atggctngcn	nncangagnn	900
anagttgan	ccctaacagn	acgagcaacc	ancagagaaa	nngnnnaana	aantnaacaa	960
cntgggcntn	cgaaaagaaa	gcaaggcaaa	gcccgcagga	nnaaanaagt	nnatgaaccc	1020
tagnngaaaa	tggang					1036

<210> 4823
 <211> 711
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(711)
 <223> n = A,T,C or G

<400> 4823						
tnaatncttg	ctctcgctc	tngcaggatc	cctcgattcg	aattcggcac	gaggctacac	60
tgtgggggga	agatgctgat	aaatttgatg	gttctagaca	gcccgtgttg	gctatcaaa	120
gagcccgagt	ctctgatttc	ggtggacgga	gcctctccgt	gctgtcttca	agcactatca	180
ttgcnaatcc	tgacatccca	gaggectata	agcttcgttg	atggtttgac	gcagaaggac	240
aagccttaga	tggtgtttcc	atctctgatc	taaagagcgg	cggagtcgga	gggagtaaca	300
ccaactggaa	aaccttgtat	gaggtcaaat	ccgagaacct	gngccaaggc	gacaagccgg	360
actactttag	ttctgtggcc	acagtgggtg	atcttcgcaa	agagaactgc	atgtaccaag	420
cctgcccagc	tcatgactgc	aataagaaa	tgattgatca	acngaattga	tngtaccgct	480
tgtgagaagt	gcgacaccga	atttcccaat	tttcaagtac	ccgnntgac	ctgtcagnaa	540
atattgcana	ttttnaagna	gaatcantgg	gtgacttggt	ttccaggagt	ctgctgaanc	600
tatccttgga	ccaaaatgct	gcttatcttg	nggaattana	ngacaagaat	gaacngcctt	660
tnagaagtt	ttncntaat	gccaaactgc	gaatctttca	ttattagaag	c	711

<210> 4824
 <211> 820
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(820)
 <223> n = A,T,C or G

<400> 4824						
ncgncccntn	tttaaancgg	gcaanccttg	gaanccttg	gaaagccccg	nnncgaannc	60
ggnacgaggc	ngggnnnttc	ctgntacang	caaaancngc	ttcgagggac	cacatttttt	120
cccccgnaac	ccgccgccng	ggaggggaag	annntnaacc	tgggcccggc	acaggggtanc	180
ctnganganann	ctgtgaccgg	aaaggcgccc	nacccggant	nagtggctcc	aantntcaat	240
gcancccccac	accennagtt	gtttttnatcc	tgagaaaaaa	aagggaggcn	gaattattna	300
aanttaaaang	aggananccc	ntcntggaan	ggcngcngac	ccttcctgca	gaaatgggga	360
gcacntgagg	acacaggtgg	gtggaggccc	nntgtgcgnn	gctggtcgga	ttcnggcagc	420
cctccgtcnc	ttnttataaa	acnttggng	agaagantat	attganaatg	tcagtgaaac	480
aagccnacat	tggnaatgga	ggcncagann	acnccacaag	gagcccttct	gcntataaaa	540
ncnagangca	aaaaaccttt	ttnaattntt	gtnaatnaaa	aggaaagact	tgntaggctc	600
anacnncnanc	tggnggtggg	nnnacggggg	agaacactgc	naacagggan	aaanggnngn	660
gcacacaana	aangagtggg	cgaaatttgn	ccangtggac	ccagccgggg	aaaaaacnna	720
tanaaaaaaa	ctcttcatag	anccttttta	aaaaaaaaaa	aaaaaaaaaa	cttcgngccn	780

<210> 4825
 <211> 895
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (895)
 <223> n = A,T,C or G

<400> 4825
 ggnnnnngant gnnttttnann ccttgcaaac gnntcgctga gggancgncc gaatncggcn 60
 cgcgaggagaa ntnanatngt ncatggnata nncngtnntt tgtntgntat acagtgcntg 120
 nnnngnaggg ggntccgtac tgctagnnan gaacgtgcat tcacagggtt ataaanataa 180
 cgatgttagc accaanccnc ttcnaccctn caatagggtg tnagatgcnn nanatggang 240
 ntgcctattt aangnntntn nnmtgcnena tatnngaatt ncngaggacn acttannncc 300
 gaaanntnta cttnccgnaac cgnanggcgg aaagnntta tttttgatga ctncgtgggt 360
 ccgcnengag agctcctgct ttgcctgcgc ctcccggttct aaactgtnac cctttagttn 420
 tngannaccn nccccgnctt gggaacggtc tgacnntcnc tcgaaaanag gaagtggctn 480
 aanggcnggc ttcttgacnc gngnatcgga tectnnggcc cnnccccntt ccgttncaan 540
 cttgctntng caacaagcga tngntnacgc ttttnactga nntcttttat ntcgccattt 600
 nggattcccg ngttccntgn aacnaaaang nccnggcgga ngtcaccnat aaaacctgtt 660
 ccccttgctt acaanaagca nnganggtgc ccgtcngngc cctggtcttg nanaacangg 720
 ntgttgggga ancntaaact nccccacatt tgatggaana cncattttca tnnanccatt 780
 nttaaaaacn ggggntgngn gcaacgcaa nncctactcc ncactatcca aagntccan 840
 ntattggcgg ggcattcttc attggaaatt ntggatngaa ngaaaccctt ctct 895

<210> 4826
 <211> 759
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (759)
 <223> n = A,T,C or G

<400> 4826
 tttcaaatcg cttggctact cgttctttct gcaggatccc atcgattcga attcggcacg 60
 aggctgtna ttccancatn cncngncacn aatnnaanana ggagncctta ggntctta 120
 gtgaacaggc agnngattan gctgggcact caggngaan ntcgctgtgn tcantnttna 180
 ggcatgttcc atgattcaaa ntactctcca ncccttgctc tcaatgcctt gcatgagcct 240
 tgnatgattg nattaggact accnanatta ncnengtna tcncctttgn tnaaanngaa 300
 ntcacnntgt atgtnacann atnctaatac ntcaanagg ncnngtattn tctgacnaaa 360
 nagctaggca nctnaanata nccanattat atcnnnatcn ntngncnctt nattantaca 420
 tacgnanacc tngtaaggna tntttmcan tggacattgc tacagatcag ntgacgatta 480
 ngtanccctnc ataantaatn nanngcattg tacnttnacn gatcggtctn ccnctgncat 540
 gntncngttc ctnagtana canagctcnt cgtattctgg ncnntnmcc gntatcngtt 600
 nntaatgcan atatecctat gcaggntnec catatnnntn tnatnatgca tatagccttt 660
 tgaangctcc ccatntnata tgcncatatt ccaccatag aatnttncc tnnncgnact 720
 ttggnccat gtaagncttg gtnacccaan ntaatcatc 759

<210> 4827
 <211> 767
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1)...(767)

<223> n = A,T,C or G

<400> 4827

gaaanccctt	ttgttactnn	gtncctttttg	caggatccct	cgattcgaat	tcggcacgag	60
ggggattcat	aattccagac	aggtagagaa	cggtttttatt	tatgtagaga	cagagtctcg	120
ctctgtcgcc	cagctgaggc	ggggagaatc	actttgacct	gggaggtgga	ggttgcgctg	180
agctgagatc	attacactgc	actccacctg	ggcaacagag	tgagactatg	tctcaaaaaa	240
aaaaaanna	aaaaaaaact	cgagcctcta	gaactatagt	gagtcgtatt	acgtagatcc	300
agacatgata	agatcattga	tgagtttgga	caaaccacaa	ctagaatgca	gtgaaaaaaa	360
tgcttttatt	gtgaaatttg	tgatgctatt	gctttatttg	taaccattat	aagctgcaat	420
aaacaagtta	acaacaacaa	ttgcattcat	tttatgtttc	agggttcagg	ggaggtgtgg	480
gaggtttttt	aattcgcggc	cgcggcgcga	atgcattggg	cccggaccga	gcttttggtc	540
cctttantga	gggttaattg	cncgcttggc	gtaatcatgg	catagctggt	tcctgtgtga	600
aattgttatc	cgtcacaatt	ncacacacat	acgagccggg	acataaagt	taaagcctgg	660
ggtgccta	gagtgaagta	ctcacattaa	ttgcgttgcg	ctnctggccg	ctttccaatc	720
ggnaacctgt	cgngccactt	gcnttatgaa	tcggccacnc	ccggggg		767

<210> 4828

<211> 719

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(719)

<223> n = A,T,C or G

<400> 4828

ttctaatttn	aatccttnaa	atnggttctt	tntgcaggat	cccatcgatt	cgaattcggc	60
acgagagAAC	acaggtgtcg	tgaaaactac	ccctaaaagc	caaatggga	aaggaaaaga	120
ctcatatcaa	cattgtcgtc	attggacacg	tagattcggg	caagtccacc	actactggcc	180
atctgatcta	taaatcggtt	ggcatcgaca	aaagaacat	tgaaaaattt	gagaaggagg	240
ctgctgagat	gggaaagggc	tccttcaagt	atgcctgggt	cttggataaa	ctgaaagctg	300
agcgtgaacg	tggtatcacc	attgatatct	ccttgtggaa	atttgagacc	agcaagtact	360
atgtgactat	cattgatgcc	ccaggacaca	gagactttat	caaaaacatg	attacagggg	420
catctcaggc	tgactgtgct	gtcctgattg	ttgctgctgg	tggttggtgaa	tttgaagctg	480
gtatctccaa	gaatgggcag	acccgagagc	atgcccttct	ggcttacaca	ctgggtgtga	540
aacaactaat	tgctgggtgt	aacaaaatgg	attccactga	gccaccctac	agccagaaga	600
gatatgagga	aattgttaag	gaagtcagca	cttacattaa	gaaaattggc	tacaaccccc	660
acacagtanc	atttgtgcca	atttctgggt	tggaatgggt	acaacatgct	ggagccaat	719

<210> 4829

<211> 887

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(887)

<223> n = A,T,C or G

<400> 4829

nntttaaaac	cttnntttta	acccttttaa	aacctttcaa	ctaccgggct	ttttgcaaga	60
ncctcatgat	ttcgaattcc	gcacgaagga	aaacatggca	cttnttnttg	ncatncttaa	120
cgggcccttg	ccgctncccc	gtggaaagta	caggtcctga	caactggggg	ncctgatggg	180
cctgggtgac	attatctcac	aacaacttgg	tgagagggcg	gggtctgnag	gaacaccang	240
agaggcccg	actctgacca	tggtgtccct	nggctntggc	tttgatggcc	ctgtggtagg	300
angctggaca	anggtttgat	cngancatnc	ctgncaccac	caaantggga	tgccctgaag	360
aaaatgttta	tggtatcang	gggctttgnc	cccgtgtttt	ctangctgcn	ttntnccact	420
nggtatgggg	cacttaatgg	aatggntaac	ncagnacaaa	nttgggcccc	aactacatgc	480

gggattatac	tagntgccct	tatcacccac	tactntntta	tggnctgtct	gtgccagntn	540
nccaactttt	annntgntgc	cccttnnatt	ncaaanntgg	ancgnngncc	aaantgaanc	600
ntnttttttt	nttgaacctt	cctacctntc	cctgggaang	gcncaatatn	gnttatnaaa	660
nccttgcctt	cannttcnan	tngtnttccc	aacctttntt	aggggnntac	aganttttgn	720
ncctcatggg	aancnaggac	aataacaaan	ctccttctaa	aantgggggg	antaaccccc	780
ntttctacna	gnagtgtggg	tttttcccg	tgncaaanan	tttantaag	gaatttggca	840
cccttgga	gggncccnt	tttanttctt	aaaaaangtc	cacctgc		887

<210> 4830
 <211> 858
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(858)
 <223> n = A,T,C or G

<400> 4830						
ttntaatnc	tngctatcgn	agtnntntaa	gnncanttct	aatacttggc	ancncgatnt	60
cgcnnnanca	tncnatcacg	tntncntctg	nncgaggcnc	ccangtncat	ggctnnatnn	120
anggccatcc	atatgccagc	tgggggccag	gcncantgg	ccatattgnc	tgncagcnnga	180
atggtgccc	cctacncgaa	ttgaanggct	aagagtccca	gatagctagg	ccagagctgn	240
aagcatacag	taaggggaan	agctgctccc	acagganagg	gatagattcc	atctcactgc	300
gcancctggg	aggaggcang	gacctgnca	cgctaagcct	naggcaccan	cctccctgtg	360
ctcgacatgc	aaagtcatga	ctcctncttg	ntgagnactg	agctaccttn	tactgctcca	420
aancnnacta	acagctctcc	aancccttgg	ggtgactcga	gatccnanga	nctgtngact	480
taantganga	tantcagtc	tgttctgcn	nggcaggcca	nattcctncc	tccaanaanc	540
nnatctttc	naaacctga	anntgtancc	tntctnattt	accagctan	tttaanncca	600
aatnttanaa	anntanncna	ataccttac	tcnaaacca	cttttgnctt	cnttacctga	660
tannngnngn	nctatactca	cnntttagcc	ntaaanngaa	nccttnctnn	annagcnnat	720
ttgtntttt	ancttggnaa	actttctatn	tanaatnacc	atccaaannt	tnnggnannt	780
cnttaantnt	ttanccnanc	tacaatnnaa	canctntaac	ctnantcctg	taantcnnac	840
aaaattnttc	nttancct					858

<210> 4831
 <211> 1786
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1786)
 <223> n = A,T,C or G

<400> 4831						
cgncncncnc	cnccccnnc	ggnnncngcn	nnnacnnnc	ncnncngcn	acgncnnnc	60
nacnnnnna	ngagcncng	ncgnnannnc	ncgcnacna	ngggntcgng	ncagcngnnn	120
ccangcnnn	cnncngnng	cncnggnann	gcngnancnn	nnannnncna	cnnangctac	180
nncagcnanc	nnncngcng	anagnncn	nnnagcgna	ncncgncnc	ncngcnanc	240
ccacacnnac	gnncanncg	gncnngngna	cnggncccc	nancntnnnt	cncttttgg	300
ccaacncngc	ctgggcancn	acccnnntc	gcncagnaa	cgngngnang	ggncggnnac	360
nnccnccgnc	cccangncc	cntntncnc	ngnagnntcn	nnnncananc	cncagcanan	420
cncanancn	cgccccngg	ggnnnnncgna	ccnccnnca	cccgcgnagn	gcncncncan	480
nnegngncgc	ctcccnncn	cncgnacccc	ncnnnnngnc	ccncngccn	gccncnnna	540
nnngccnann	cnncncccc	nanacacnnc	ngncgagnc	cnnnnnncnn	cncncncnn	600
ccccnnngnc	agacnactcc	nnncnncnc	agncncncnc	naccgcgcn	ngnnnnctcc	660
nnncgcangc	annncncng	cccnncccc	cggnnctggc	acacgacncn	cncaccgcn	720
cnccccnnn	nacnacgng	cncncnagcn	nnacnanc	anncanngac	ncngacacac	780
cngcngaggc	aacacgcncn	caccnnnaca	cnccantnac	gcacccggn	catcacgcnc	840
gcngnancn	gacngagaca	acncagcnnn	nnncnagnn	nacacgcngg	cnacagactc	900

tcncacgnna	cgccannnnnc	gcacctccnc	nnnacaccna	ngcacccgng	anancncgc	960
acnngnng	ctcanacgca	ncangcgcn	cnangtcncn	ngacgcnncg	nctcnacncc	1020
gcngnncnc	aacgncgcgc	cancnngac	gncgncacna	cngacgncac	nnnncacaga	1080
naggacncac	tnngcgcan	nnccnncgn	cgncancncc	cgacgcnagt	atanacnatg	1140
cnnngncagc	acacannnnn	cnaaccngc	cgngccncac	gctctcgngc	agnacacgc	1200
ggncgcctag	agccnngcat	cntagagcac	gcgcannnt	ccngccacat	ngcacancnn	1260
canacnngcc	cncnncnnnc	agaccncnn	nccanctccn	ganaccncga	ctcacaccnc	1320
nctnncgcgc	aanagnnnca	gganacgct	cngctctnca	ctgnganacc	gcangacgnc	1380
ccttnact	canacnncn	gncacagnca	cncnncnccg	nacacnncnct	nncacatccg	1440
ngnnatncn	ncnannnacg	nacannncgc	gcaccngcac	gcacaccann	gnnngacga	1500
ccnncnngt	canacctgcg	ancngctcat	gcgcgntnc	tacacnccgn	cngtncnncn	1560
cncgaccgnc	acagnncnnc	gctncgntnn	cnnccgcncc	gcgcgntccc	ancnncaggc	1620
nnctacnnnc	cagntatccn	gngtnnnngn	caacgcnacg	cgntctcnn	acanncccga	1680
ngcgnngn	ntnncnnnga	gagcaccag	ntanncaacc	nnacnccaga	naactcnacc	1740
nactcgntca	cagntcgct	gtcnaccngg	atacaccgac	cccacc		1786

<210> 4832

<211> 759

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(759)

<223> n = A,T,C or G

<400> 4832

tttatgncnt	agtgaactct	ttggaagca	ntcccatcg	attcgctcag	attaaggggt	60
ttgaaaaaca	aaccgaaaaa	gatgggcntn	attnagcctt	acttgattga	cgttgactta	120
atcagagggt	caacatttgc	caaagcaaaa	cctgaaattc	catggacatc	tctgactcgg	180
aaggggcttg	ttcgagttgt	atTTTTTcca	ttgttcagca	attggtggat	tcaggttacc	240
tctttaagaa	tctttgtttg	gctgttacta	ctttatttca	tgcaagttat	agcaattgtc	300
ttatatTTga	tgatgcctat	tgtgaacata	agtgaagtac	ttggaccctt	gtgccttatg	360
ctactcatgg	gaactgtcca	ctgtcaaatt	gtgtctactc	agataacaag	accatcagga	420
aacaatggaa	atcgaagaag	aagagtttcg	ctcttgttgc	ccaggctgga	gtgcaatggc	480
gcaatctcgg	ctcactgcaa	cccatacct	cctgagttca	agcgattctc	ctgcctcagc	540
ctctcaagta	gctgggatta	cctgcgtatg	ccaccacacc	cagctaattt	TTTTTTTga	600
atttagtaga	gatggggatt	tcacccatgt	taatcangct	gatctagaac	tnctggacct	660
caggatgatcc	anccggcttg	ggcttccaaa	aggactggga	ttaccagcgt	gagccactgn	720
acccaaaccg	nctaaacctt	ttaaaaaagg	attatttgg			759

<210> 4833

<211> 772

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(772)

<223> n = A,T,C or G

<400> 4833

ccaacgcngg	ctacttgttc	TTTTTgcagg	atcccatcga	ttcgaattcg	gcacgaggat	60
tagtactagt	tctatctgga	aaaagcccgg	gttggaagaa	gctgtggaga	gtgcgtgtgc	120
aatgcgagac	tcatTTcttg	gaagcatccc	tggaaaaaat	gcagctgagt	acaaggttat	180
cactgtgata	gaacctggac	tgctTTTTga	gataatagag	atgctgcagt	ctgaagagac	240
ttccagcacc	tctcagttga	atgaattaat	gatggcttct	gagtcaactt	tactggctca	300
ggaaccacga	gagatgactg	cagatgtaat	cgagcttaaa	gggaaattcc	tcatcaactt	360
agaagtggt	gatattcgtg	aagagtcttc	ctataaagta	attgtcatgc	cgactacgaa	420
agaaaaatgc	ccccgttgtt	ggaagtatac	agcggagtct	tcagatacac	tgtgtcctcg	480
atgtgcagaa	gttgtcagtg	gaaaatagta	ttaacagctc	actcgagcaa	gaaccctcct	540

gacagtactg	gctagaagtt	tggatggatt	atttacaata	taggaaagan	agccangatt	600
taggtaatga	gtggatgagt	aaatgggtga	ggatgggagt	caaatcaga	attatnggaa	660
gaagtatttc	ctgtaactat	ngaaagantt	atgtatatat	acatgccana	aatatatatg	720
tgtgtgtgtg	tctgnggatg	gatatatgta	tatctcttcc	tatatatatc	cc	772

<210> 4834
 <211> 833
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(833)
 <223> n = A,T,C or G

<400> 4834						60
ggnnnnnnnn	tttttaactc	ntgccctttg	aanncccttg	tacctcncnn	ngganggggc	120
cctngtttna	attcgctncn	acccanngat	gggccagngg	gngaacttnc	ttgagtatgt	180
cgcctttccg	gnggncgttn	nctnngttct	acnnagaacn	cttngagggc	tgaaaataaa	240
tntggaagat	nganacaccc	tntgngggtc	ctctctgaga	caaatccatn	tggtgggtaa	300
ttgnacanta	aatntttttt	gntcaaatnt	nnaaaaaaaa	aanangcctn	tacaactctt	360
gtgagtcntn	ttaccnccat	ccnnacatga	taatgatata	tatgatgatg	ttggncacaa	420
ccaacatcta	gaagtgcgnt	tnaaaaaaan	gctntntttg	cgnaanntnn	gatnctnttg	480
nttnnttnga	nnccnttgng	cctgnataaa	caagttaaca	acgacanttc	tttcattagg	540
ggagtcngna	tnatggtggg	ggccangnan	gngttcntga	atctngcntc	gtctcctnca	600
ggncatntnc	acnacaccgc	aanntttggc	atntnttttt	gncntntgaa	cggnnnctng	660
gngttnatca	aggatatnnn	ntttcctgtg	tgcaaaattt	gtccccctnc	naattccacn	720
ctngcatgcc	atccccgnat	cattnaaggg	taaaantcct	ggggggnggc	cnnatgcagt	780
nngcncaacc	tcncatttgn	atngctgggt	ggancataan	tggccctgct	attttanttg	833
cgnggnanaa	catnncntgg	ggcctntngt	gncatntaan	atanattggg	gcg	

<210> 4835
 <211> 773
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(773)
 <223> n = A,T,C or G

<400> 4835						60
tttattccat	cagctcttgt	cttttgcnga	tcctctgatt	cgaattcggc	acgagattct	120
ccctaaatag	taaatccac	tgtatacaaa	actgttctct	tgttctgcct	tttaaaatgt	180
tcatgtagaa	aattaatgaa	ctatagggaa	tagctctagg	gagaacaaat	gtgctttctg	240
taaaaaggca	gaccagggga	tgtaatgttt	ttaatgtttc	agaagcctaa	ctttttacac	300
agtggttaca	tttcacattt	cactaatgtt	gatatttggc	tgatgggtga	gcagtttctg	360
aaatacacat	ttagtgtatg	gaaatacaag	acagctaaag	ggctgtttgg	ttagcatctc	420
atcttgcatt	ctgatcaatt	ggcaagaaag	ggagatttca	aaattatatt	tcttgatggg	480
atcttttcaa	ttaatgtatc	tgtaaaaagt	ttctttgtaa	atactatgtg	ttctgggtgtg	540
tcttaaaatt	ncaaacaaaa	tgatccctgc	atttccctgaa	gatgtttaaa	cgtgagaagt	600
ctggtaggca	aagcagtctg	agaaagaaat	aggaaatgcn	gaaatagggt	ttgtctgggt	660
gcatataatc	tttgcctctt	ttaagctctg	tgactctgaa	atatattttt	gggttcttca	720
gtgtgtttgg	acaagacact	tgatatttct	atcaaacaaa	tgactttcat	attgcaccaa	773
tctttgtaag	accactcaaa	taaaagcttt	taaaangcaa	aaaaaaaaaa	aaa	

<210> 4836
 <211> 855
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(855)
 <223> n = A,T,C or G

<400> 4836
 gccnnttgan nccatcanct cttgttcttt ttgcaggatc ccatcgattc gaattcggca 60
 cgaggggcnc aaannatntc ntgatgacaa anantctgt atancaggtc antcncagt 120
 ttanagtct cagttgcttg cttggggaac tngngtcct aatgngaata gnntgctnga 180
 ttgctcnggc nctgntactg tgacagtgtt tttagacctg tgttntctaaa aaaaanatna 240
 atgcncgtgaa aagggtgttg ggagggtggt tcancataga aacanagatg ttanggtgtt 300
 tagatttang gttgnaaca aggtcatctt tagtcaccnc actgggnagg cagcatttgc 360
 tacattggcn nactaactnc cnttgctann nnnnttcang antncaanna cntgtgnatc 420
 ntagtatnnn agnntgaaat nantttccac cannagcggg cattgtttct atcacagcat 480
 aggctatgt n aagcnaactc tannatgata aatgacaccc nntnttatct attngcatcg 540
 acccccgctc ctacaagaaa gtnaccaaaa attttncccg ggcattgntgg tnggggcacc 600
 ctgtnggtcc ccagctattt caaaaaaggc ttgangngng ggaggaaatca cttggacccc 660
 cggggggggg tggagggttg canttgannc caaatcnacg cccactgcan ttcccgncctt 720
 ggggtggaca caagngagac cccattttta taaaaaana atnaaanacct cctttggnaa 780
 cnngggggna aantctnttc tttttnanga anttttctg ntnggacttt ggggttcctc 840
 tatgactttc atntc 855

<210> 4837
 <211> 932
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(932)
 <223> n = A,T,C or G

<400> 4837
 nnnnnngann nnanagan nnnnnnngan nanntcctnt tnnnttagga nttgnaaatn 60
 cctcgttcta aatncttggg aaacncctng cttnanggt n cnggccactn tgtccggnc 120
 gaggggtggc ncacacncta atntcncctg gtccatggta ntncnatta ngcatgctgt 180
 gttntgcan atgatgtant acganatcca cggtgttngg ttaatgattt attcactcat 240
 tagtcattcc acaaaactagt ctngagcacc ngttatgnac ccancactgt gctggaatgc 300
 tgaggagaca ggagtgaagt aaaaagacat ggntccngca ggaaacaggc aaggagagcc 360
 ttgacttgac ggantctggc aatancgccca ggctggaatg caatggcgcg atctctcctc 420
 actggancct acgncctncg ggntnaagca antctactgc ctcagnanct ggagtancn 480
 ggnactacag gcnnngcgcta ccacncgcnn atgagaaaac ttnnngccac agagagggtga 540
 aataagttag atgcttntcta acctaattgcg anaaccncgt gaaaagattt ttggcaacct 600
 gaaaaatccc atnctnnmnt gaggattnta tngncaaccn gnaatcaant cttaggnaan 660
 atgaatgccn ntctgggant aaattcnatt tttntnatc tcccannaag gaaggaaaac 720
 nttnnaagcc tctangaatn atnnngnctt nctaaccng ngtantcaaa actnttnncn 780
 aatctattgg naaaccgat ctagannttt ttnaatnacc ntnaaatct nnaaaagaaa 840
 gnncaatnag tatnttattc actcgaaaag tctccaaanc ncntaaaag aactcnantg 900
 gaccaaacta cncnttgngn gaannttaan cc 932

<210> 4838
 <211> 1358
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1358)
 <223> n = A,T,C or G

<400> 4838

ttgnnggaac	ccnnntttt	ttntttaaaa	aaaanccccc	cantttcccn	aangggccct	60
taacctccng	gtntttgtan	tntnttttta	ctgatnngaa	angagcanaa	cncncagatn	120
gntnantgta	aantttntcta	tcncnccn	aangtanctt	nctttgtatc	caaccnnggt	180
ntagtcgtct	cnnncntaga	ncttaantat	ataannnata	aacacctacc	gtgntatann	240
tntgtacann	tannnncngc	gcgnngngca	ncnnangtca	tatanacct	gcgccanatn	300
cttctacana	ctacanccnt	atnanggntt	nnataaagtt	cttaataacg	catcatnntg	360
ttcaacaact	ggggtagcta	tantgaacan	tctnancacn	naannatngn	ttcncaaaaag	420
ganaancatc	tcnntatang	antaccctnn	ntttgnncaa	tnatatnaaa	tncnntganc	480
nancncncgt	ntgnntnnaa	gnmntgaatc	tngncaatat	gttggnnnnn	gcntnntnnn	540
tttnanattn	anaaaccttg	ncntnatnat	ncatgtggta	tgtnaanacg	tncnttaaaa	600
taggnnaag	acgnnccnat	tgccnnacnt	tatanaatnt	cntnnnncca	tnntgctcga	660
ttntgattac	aaatattgnt	gcngannngn	anaatnacct	cnatcttgat	nccttnnaat	720
annnannnaa	anaattnnnt	nctttctnnn	tcacacnaca	ttccnacgta	ccntnatnat	780
ctttgtnnna	cgctattgta	cnaacaactt	aatgtagctt	tggnnacn	aacaatntcc	840
tctctttggn	nnnanggnat	gcacncattt	ccnnttgnta	ntaacctann	tcngnnaata	900
ttgtaatagn	cncttaacgc	ntcnaantct	cgggtaatcn	nancaaaggt	ttgtcacnaa	960
ttctnnnccg	ttncnangcn	taactntntn	cntaanacat	ngattgntta	actcgaangn	1020
atatgancgc	gancgcatgn	ncncanancg	tcacttcttg	ggataccnc	gctctacttt	1080
anactcttta	angncanang	gttacganac	tgactngna	ctgtangctt	ngtttactct	1140
ncnccgna	anactentcn	atangatgnt	tangcncna	cgcnnnnntn	ncgnantcta	1200
tncgagcana	ntnaacnnnc	tccanatnaa	naaaatngtn	nntgtngnac	anataannga	1260
cntatccttc	tgtatatctt	cgacgcgaan	anatggtagc	tgagngnttt	acntaangta	1320
ncanantn	ggttnacact	nnntatnecg	agcctccg			1358

<210> 4839

<211> 716

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(716)

<223> n = A,T,C or G

<400> 4839

gnnttttnan	atcagctact	tggtcttttt	gcaggatccc	atcgattcgc	tgaaatgtca	60
aacacggcca	cctaggcagc	atttacaanc	aagagtccac	tgcttnnttg	atgtatatct	120
taagcgcccc	cagtgaatga	acagcatata	actccacata	aaaatcat	aatgtnattg	180
acttccagag	caggcagttc	tgtgtgtatg	cctctggaga	aggctggctg	aattgnaatt	240
ggtctgtacc	tnctgcctat	catgtacatg	angtnnttg	gcaaagagaa	ctttccanaa	300
nataagtcca	naaattatag	atcatcanac	naccaatgac	atattgntga	gatattcna	360
agatctagaa	tngnccctgg	tgtcaaggaa	gtctntgggg	tttttataaa	tattgataat	420
gcncctttta	taaaatgcac	tttttataaa	aatgcatgct	cacttigagac	aacttgaaaa	480
acacactaga	aaaggccggg	cgtagtggct	cagcctgta	atcccagcac	tctgggaggc	540
cgnacggnt	ggatcacgat	gcangagatt	gagaccatcc	tggtcnacat	ggtgaaaccc	600
cgtntctact	aaaaatncac	naaaattagc	anggtgttgg	tgacngggcg	cctatagtcc	660
catctactna	agaagcttga	tgcanagaaa	atggtgtgaa	cccaggaaac	gagctt	716

<210> 4840

<211> 758

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(758)

<223> n = A,T,C or G

<400> 4840

angcagctct	tggtctnctt	tcaggaccct	atcgattcga	attcggcacg	agccaagctg	60
taccagagtg	cangaggcat	gccaggagga	atgcctgggg	gatttctctg	tggtggagct	120

cctccctctg	gtgngcttc	ctcagggccc	accattgaag	aggttgatta	anccaaccaa	180
gtgtngatgt	ancattgntc	cacacattta	aaacatttga	aggacctaaa	ttcgtagcaa	240
attctgnggc	agttntaaaa	agttaagctg	ctatagtaag	ttactgggca	ttctcaatac	300
tngaatatgg	aacatatgca	caggggaagg	aaataacatt	gcactttata	aacactgtat	360
tgtaagtggg	aaatgcaatg	tcttaaatna	aactatthta	aattggcacc	ataaaaaaaa	420
ataaaagaaa	actcnnngcct	ctagaactat	agtgaagtcgt	attacgtaga	tccanacatg	480
ataagatata	ttgatgagtt	tggaacaaac	acancatgaa	tgcnnngaaa	aaaatgcttt	540
atttgtgaaa	tttgagatgc	tattgcttta	tttgtgccat	tatgagctgc	aataaacaag	600
tnaacaacac	agggtgcatt	catttnatgt	ttcaagggtc	aaggggnagg	tgtggggagg	660
ctacttaatt	tcattgacgc	ngggnccttg	cnttnngggc	nnngacccca	gntttttgtn	720
cctttngngg	agggttaant	ncnaacttng	ggttaann			758

<210> 4841
 <211> 739
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(739)
 <223> n = A,T,C or G

<400> 4841						
agnnnantnc	tatgatccct	tgennncagga	tccatcgatt	cgaattcggc	acgagtgcct	60
ttgntcccc	actctaggga	gctagtttca	tacatttaan	ancnctgctt	acctcanagc	120
tccctttnag	cancngcaga	cttnnanatc	tgtttaacca	gttccctata	ttaaattctc	180
tctggnnaaa	tacatggngg	ggctttgatt	anctgctgaa	ccctnagnga	tncataccnn	240
atnatgctnc	nnaannnatg	cnatanncnt	acaannatnt	gtantnnagg	atncctatnn	300
cnanactgct	ngtnntanca	ncatcancat	gacannnacc	tttaaangtn	ttcnatntan	360
ctanaattat	ctaaaatgtt	aaangncnta	aaacannmna	ntaagcaaaa	gatganntca	420
agtgtatgtg	catttagtag	tgacttgtga	gatttgacgt	gttcatgaca	gctggctatt	480
tgtattgtct	gaatgatagt	gtatttgngt	actttgcccc	ttgcctattg	gggcattnta	540
aaatngatcc	ttaggtaatg	ttaattaaga	acattgacct	ngggcanggc	gcggtngctc	600
acnctgtag	nncnaacacn	ttncgagggc	gangcagnaa	attcnanana	angagtttga	660
tacatctggg	caacatngcg	aaacctgnct	ntctanaatn	tananttagc	cggcanggng	720
gagctgnga	ntccagtag					739

<210> 4842
 <211> 750
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(750)
 <223> n = A,T,C or G

<400> 4842						
ttatnnntac	cgctttgcna	ctncncgcag	gatccctcga	ttcgaattcg	gcacgagggg	60
gattcagatg	atggcgaaga	tggtcgaggt	tntgagaacg	ganaaatnaa	ggcncttcgg	120
acagctnctc	tggcaatgta	tctgaagggg	aaagccctnc	tgacagccat	ggaggactct	180
ttccaggga	gacagnnatc	aaangacaaa	gctgccactc	cangaaaaga	tggtcccaaa	240
cgttctgtac	tgtccaagtc	agttcctggg	tacaagccaa	aggtcattcc	aaatgctata	300
tgtggaaattt	gnctgaatgg	tnaggagtcc	aacatgaaag	gaaaggctgn	atcactnata	360
cactgctccc	aatgtgagaa	tantggccat	ccttcttgcc	tgatgatgac	aatggagctn	420
gnttctatga	taaagaccta	cccatggcan	ngcatggaat	gtaaaacatg	catnatatgt	480
ggacaacccc	accatgaana	agaaatgatg	ttctgngata	tgtgngacag	angttatcat	540
actttttgag	tgggccttgg	tgctattcca	tnacgtcgct	gnattttgtga	ctgggtgtcaa	600
cngncccncc	caacaccag	taaaantgtg	caaaaagggg	aaaaatnagc	aaagagggat	660
naaancgttt	tgactctaa	tctgtatatg	catttaagtg	gaatatttgg	tgccattttc	720
aacattantt	tcatgcccac	aaaagaatnt				750

<210> 4843
 <211> 730
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(730)
 <223> n = A,T,C or G

```
<400> 4843
tnnctttgat tcaattcata gcnactgggt ctttttgcag gatcccatcg attcgcccag      60
ggccgcctgc ctgagcctct ctgcagctgc tcacctcctg ctgaggcctc tgccttcaga      120
gctagtgggg cctgctcaca cattccagta gtttcctctt tatttgcctt gaaccaagtt      180
gtagaattta aaggaggtga agtaaggcga tttctatgga aaatatattt ttcttcttta      240
ctcctcatgc tgagtgcata agaatttatt atttcccctg aatgttcaaa gtggtgtgtg      300
tgtgtgtgta aaagaaccag gagcaaaaca tcttaatagg aatgtgcat cttgtgttta      360
tctttagcac acttaattag ctacaaccgc ggactgttgc catttgaaca agttgttaag      420
aaaatctgcc atgttttgc ctttttcaaa aggaatgact ttaataacca tagcaacact      480
tactcagttt tgtgatccac tccaagatta tgggagcaag aacagatnct cctgaaagca      540
accctcacct tcttcccgc ccctgcctc agcaagtcct ggcctgtgtg aactgaaggg      600
tttggaagct ctggtttcta ngagtgccca naactagaaa gactaggggtg tctaattatt      660
tgaggggcan ttgtcaatgg cantgtgggg ggcaccccat tgttatttcg aggcactgca      720
ttgctttttt                                     730
```

<210> 4844
 <211> 818
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(818)
 <223> n = A,T,C or G

```
<400> 4844
tntcctncgc gngncgnatt ccnctaagga gaggcncgga tccctcgatt cgaattcggc      60
acgagtctcg atctcccgc ctcgtttccg cntgcctcgg cctcccnmnn ngcngnnatt      120
acaggcgnga gccaccgagc tngncctgga tcaaattctta atccatgcgc atgggnacac      180
aagantactg gggtgaannn attctagntt tgtnatttaa atacntgnng atgaatctat      240
tttagcacan ggtataaata actcgggagg tcatctctat cttctctcct tnantgcatt      300
tgggtatacc acgtttaagn nctaaaacag ctngcctat gttggccagg ggaaaacatg      360
gcatnctgtg cgcaaagntn aatgatcgcn gnccnnmctt ggccctccc tgggtttatg      420
gncancgtaa gangcccga tgttaaagct taaaccgtca nttgggctng gtgtaaattc      480
ccnattnaat tcntggnngg ncaannctct tgaccccgna aacaatggaa agggccanct      540
ggggcctcna anntgtngga gcccnnnta acaaacnntt antngnaaac ctttggaatt      600
ccaaccttna aaggaggagg naccatggaa gatanttgag tggcccgntn ggaattgnan      660
ccccttnaan gcaattagtt tcnccnaatt ttctgtgtn anaaaaanatg cnccnaanac      720
cnggggggcc caannctggg ctaaagccgg nggggctcnc anaaccnggg tttttaactn      780
tngatacant angngaaan aangggcccc tttttaan                                     818
```

<210> 4845
 <211> 748
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(748)
 <223> n = A,T,C or G


```

<400> 4845
agcttcattn nactatcagn tgcgctgctn tangtgcnng atccnttcga atccngcnng 60
aggcgngang gcangganng cagngcnan gncnnttaa gcnnttttct gtcttatcac 120
ncagngaasn aanntgaact ggatcngaac natcccatat tanccgatcc tttntcnna 180
tgaaagaaaa nacntannna gaacanatan gctnaaactg atacagnaag tngccgtcag 240
cctctagaac tatagtgagn ngaatgncnt acanccanac ntgatnana acattgatga 300
gtttngncaa accacatctn gantgcantg aaaaaaatgc nctattcgng aaancantga 360
tgctattgct ttanttngga accattataa gctgnmataa acaagctaac aacaacnatt 420
gcattcatnn natgctncag gancacgngg aggtgnagga ggnagtgtaa ttcngggccn 480
cggagccaat gcattgggcc cagacccacn tntgacctn tagtgagggt taatggcgcn 540
cttngcgtaa tcatggtcat agctgcttcc ngcgtnnant tgatanccgg tgcaatntca 600
ncacatacga ccgggacata aagtgaagc ctggagnanc ctaangaagt gaccaactca 660
cattnatngc ctgngntaac tgnccnttc cagtngggaa accnnnncgc canatgctta 720
angaatcngn caccgcggg ganaggcg 748

```

<210> 4846

<211> 704

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(704)

<223> n = A,T,C or G

```

<400> 4846
gnnttnaaan nttgcttggn nnnnncnctt tccgcaggat ccnanncgat tcgaattcgg 60
cacgaggtnc agctcncta nctggnatnt gggnggtngg aaacatncnc tntcctgata 120
ccantgtgcn ngaatcanga nacatangcc attacacngc gtctatgcaa gcttgccat 180
aacntcangt actgcagctc acacaccctn tgcnaggcng aatnantngn tctgcctccg 240
gatacnaana atntcgctc ngcctcagng ctaatgatn tnatgtngtg tntcnagta 300
nntgctgtat ctgngtgta tntntgcaa actctagnta ntgatcttat gatcccttnt 360
ngaantaana tgggggttctt gantgntga gaacgacttg cacaatngnt tnattgtggc 420
acgtcatctn ncaatganta nnnagnctat tnnccanggn anactcngnt cntacntggc 480
nctaagcact ntnttgcga tngncancnc tctgtgaaat ggaattacng ntattcatgg 540
ntaattacnn attttggccc nctttctgtt tntacaatga aggtttaaen ctaantgtcc 600
aaantgnata atgntccctt aattanaagn ctacttcatt caagtanaa nngnccgtaa 660
tnaanncnta ctctcnact gcataatatn nncctnagga ctnn 704

```

<210> 4847

<211> 758

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(758)

<223> n = A,T,C or G

```

<400> 4847
agntntttcn atttctnatn ttgttcttct tgcaggatcc catcgattcg aattcggcac 60
gagagcagct taagcagcag acgcaaaatc gaatgaagct aatggccgac aactacgagg 120
atgaccactt caaatcctcc cattccaatc aaacaaatca caagccctcc ccagaccaga 180
tcatccagcc cctcttagaa cttgaccaa atagaagtaa attaaagttg tacattggac 240
acctgacaac cctctgcat gaccgagacc ccctgatcct ccgtggactc actccaccag 300
cttctataa cttggacgat gaccaggcgg cttgggagaa tgagctgcag aagatgacct 360
gggggcagct tcaggatgag ttagagaaag gtgaacggga caatgcagaa ctgcaggagt 420
ttgccaacgc cattcttcag cagatagcag accattgtcc cgacatccta gagcaagtgg 480
tcaacgccct ggaagagtcc tcttgacctt gctttatggg gaagcctgag gtagtcaacc 540
caggagccaa gaaaagagaa ctacgaggaa caggtgcccg gaaccttctt ggcaccaaac 600

```

actacaaact	tcatcccaac	ttgctcactt	gaagaagtgt	gattncagca	cccgtttcta	660
catctgccat	cttactctgc	ctttctgctt	tggatgtggn	ctctacacta	accttnttga	720
tgtccanggt	agatnaangg	tcgaatcttt	ntgnaaaa			758

<210> 4848
 <211> 1030
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1030)
 <223> n = A,T,C or G

<400> 4848						
gcgtcncact	ttgaancntc	naannngggg	caatcnaatc	gcncnangnn	nctaggtann	60
cgaattcggc	acnagagcag	gcgcttggnc	cctaagggtg	atgttagagt	agtgattatg	120
gtcagcgtgg	gtgctatncn	ngtgttnca	nttttcanc	ggnggaatag	ctacaataag	180
gnaatcagct	acctagccac	agngcccaag	tnccgtntcc	aagctacnga	gattgccaag	240
cancanggac	tgntcaaaaa	agccaaataa	aaaggcnaaa	acaaaaagtc	caangangat	300
atccngacn	aggangagaa	catcntaaag	aacattataa	aaagcaanat	antatttana	360
gggtgnctan	tcagnaacnc	caaatanntg	gnatcntcct	ctgtatnana	tcaatcctag	420
ctcctntntn	cctatnctca	tatccnann	tgccatantg	cnggagagat	ctacnntttc	480
aacatcaanc	ggntnnnnat	tatggnanag	nantnacaga	tcantccatt	ctacnntaaa	540
tctatnaccn	ngtnnactnc	tctattnnaa	tnnnactatg	aanatnctct	naactaaanc	600
ntttcnttta	nncaaaaanc	ctcntgnnct	ncatggnnnn	aattmnttac	ngtccttncc	660
aaaccnnnca	nacacncacn	gancntaatc	ttcacaanta	nnaacantct	gngctnanc	720
cgaacncccc	tnaattggct	naccannatc	ntccactggn	atcatnccgt	antggantta	780
aanngcaact	cggntctctg	nggncnctg	nattncaan	atcnnntgc	gnntatttnt	840
cttgacacac	atatannctc	ncgnaatttn	ncntannctt	nnnnctctca	aatactctct	900
ctanacatag	agcaattann	tntctgatna	tactntngac	cncgtcantc	acnacnggca	960
caanannata	tcattgtaca	ttcatntatc	tgtngacttt	acnacagtcc	cngccaatnt	1020
aacaaacnnt						1030

<210> 4849
 <211> 761
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(761)
 <223> n = A,T,C or G

<400> 4849						
cnttnccna	ncaggtatgg	ccattncnt	ttntgcagga	tcccatcgat	tcgctgtcc	60
gagagagccc	cgctcacggg	gcacagctgc	tactttttag	gccttgctgc	acttccggac	120
ccactgcttc	aactggcact	ccccacgta	cgagtatgcg	ttgagacatt	tgtacgtgct	180
ggtcaacctt	tgtgagaagc	cgtatccact	tcacaggata	aaattgtcca	tggaccacgt	240
gtgccttgg	cactactgaa	gagctgcctc	ctggaagctt	ttccaagtgt	gagcgcccca	300
ccgactgtgt	gctgatcaga	gactggagag	gtggagttag	aagtctccgc	tgctcgggcc	360
ctcctgggga	gccccgcctc	cagggtcctc	tccaggacct	tcttcacaag	atgacttgct	420
cgctgttacc	tgcttcccca	gtcttttctg	aaaaactaca	aattagggtg	ggaaaagctc	480
tgtattgaga	agggtcatat	ttgctttcta	ggangtttgt	nggtttgcct	gcagttttga	540
ggagcaggaa	gctcatgggg	gcttntgtac	cccccttaaa	aggagtcnnt	attctganaa	600
ntngaantg	aaacctttnt	aaatcttcan	aaangatttt	attngaanaa	ggncnnanc	660
nccnaaang	aaaacnnnnn	tnnaaaannt	natnantttt	tgaaagnnnt	ngnnttnnaa	720
actannnnng	nnnncnnaan	ccaancnnnn	nnnnaanacc	n		761

<210> 4850
 <211> 863

<212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(863)
 <223> n = A,T,C or G

<400> 4850
 ttnacatcaa gctcttgntn ctanccccctt cctcgattcg aattcggcac gaggagagag 60
 agagagagag agagagagag agagagagag agagagagag attnagagag agagagagag 120
 agagagagag agagagagag agagagagag agagagagag agagagagag agagagagag 180
 agagagagag agagagagag agagagagag agagagagag agctnaaggg aaggctgccg 240
 ggaaggcaaa tggaacagga atggacctgt ctcangaagg ccagctgcan gtcctccaca 300
 aaatcaaaga agggaagaaa ctctgagttt gaggtacagg ggcttcnggg tgcacacgtc 360
 cctccagggc ccatggtcag tattgcacct gtgttatgaa ccccatatc tgtgcagggc 420
 agggcggggg gctgctgttt tattggggag gggagcctcc taaaaatggg gtccaggcag 480
 accctccag acctcacact gncgaggagg cctttcccaa aggggcgttc tccccgggat 540
 gcanaccgna tgttttgtgg gaaaccnccc tttaaatacc ccacaccgac gtattccttg 600
 ttcccgaactt tttcccggt tntttgtttt gaaaaatacc tgtngtttc angcctcntt 660
 ggatcttaaa atgggcaana atagggaacc ttttttttg tcaccaaaaa aaatacctgg 720
 ggggggaaaa attgtttgtn aaaaaataa gacntttttg ggaccaccac caacnttttt 780
 tggggggcctt tccaccttga anctttccaa ntttttttta aaccatgggg anttttattn 840
 aacnttaaa tggtttttct tgg 863

<210> 4851
 <211> 761
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(761)
 <223> n = A,T,C or G

<400> 4851
 cgcgggcgna agcgnagcnc ttcccaacnn ccttggatcc natcgncgcg aattcggcac 60
 gagtatgggc ttgnagaaat gctaccgttt ttttncccg tnanacntgg atcccgaac 120
 tgnactaacg tnnagatca ggcnaatgn cnggaaaggg nnggcttatg naggcaacta 180
 cagatagttg taagggatca tacagaagat attgatgata gnngaaatat tcttagaagg 240
 ggtgtgtatg tctagctgng tctaccatgt gtatgtattc ttgacaagca gtataaaata 300
 cctgtgantt ttctttacat tagggataat gcataaggaa ttaatcttca tatatattat 360
 catccctaag gtagcagggg gaagtattta attgcccag atagtattt tacttatact 420
 atgccagaga ggaaacnata aagnaattac acatgtaatc ntgggttntt cacatatgta 480
 ggtatncatt tngagttagt tgaagaaaga aaaaaatat ttaaatgaan tgaattcctg 540
 atgggatagt ancaataagt atttaaaagc cngtattcna aaaataataa agggtagcgn 600
 catttttgag cttgnnttc ntttgctacn ggaaatantc caaannaaag ngntancant 660
 ggcaccngct ggnctcaacg cacntattgg naaccgcact gganaggatg aacaaggggt 720
 nagncaatag caaacccta taacattccn ggccaaanac c 761

<210> 4852
 <211> 779
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(779)
 <223> n = A,T,C or G

<400> 4852

ttgaaccttt	ntacanctct	tgtttttttt	gcaggatccc	atcgattcga	attcggcacg	60
agaccaagta	gaccagaaac	tgaccattct	cagtcttact	tcagaaaaca	acaagaagct	120
tttcaatgat	ctgttttaaa	ataatgcaa	ccgtgctgaa	aatacagaga	gaaagcaaaa	180
tcagaattat	tttatggagg	tgatgactgt	agaaggagtc	tatgattacc	tgatgtatgt	240
aggacgggta	gttttccagg	ttcctgactg	gcttcatcat	ctcttaatgg	gaactcgaat	300
cctcttttaa	aacaccttg	aaatgtatac	tgattactat	cttcagtgtg	aactagaaca	360
gctatttcag	gagcaccgtt	tggtctcact	cataacactt	ctcagagatg	ctatatcttg	420
tgaaaacact	gaacctcgct	ctctccaaga	taagcaaaaa	ggagcaaaac	agacttttga	480
agaaatgatg	aattacattc	cagatctggt	agtcaagtgt	attggtgaag	aaaccaagta	540
tgaaagcatc	agacttctgt	ttgatggcct	acagcaacca	gtactcaaca	agcagctgac	600
ttatgtttta	ttggacattg	tgatacagga	actgttttnc	gagctcaata	aggtcaaaaa	660
ggaagttacc	tctgtgacat	cttgggatgt	aaacactttg	ggatttggtg	tagaataacc	720
cattgaaatt	tctgctgtgc	cgaagggtgt	agaaatttac	ttttttgggt	atatcttat	779

<210> 4853

<211> 825

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(825)

<223> n = A,T,C or G

<400> 4853

tttccagttt	tanttttttc	ancttttnga	tcnntttgca	ggatccntct	tttcgaattc	60
ggcacgagat	tctccctaaa	ttgtngatcc	cactgtttac	naaactgttc	tnttggtgctg	120
gcntgctnan	tgctntgtag	nncctttctg	nacnntaggc	attgctcttg	gagaacnnga	180
tgtgctttnt	ntnaaanggc	anaccagnn	tggnctgnnt	ttaatgatgc	agancctnac	240
tttatccaca	cctggcccgt	tnnacatttn	agtaangnac	gatatttggc	tgatggctga	300
acantttctg	aaatacacnt	ttagtgtatg	gaantacaag	accnntaaag	gnctgccagg	360
ttancatctc	atctngcatt	cnnntccttt	ggcnanaaag	gganatntca	gaattatatt	420
tcttgatggg	gtcttttcaa	tcantgtatc	tgtcgaaann	tcttaganaa	anctatgtgn	480
tcnccgtgtt	gtctaaaaan	atnctttcaa	anatgacccc	tggaattncc	tgananange	540
ttaaaacgtg	gaagacnggt	nggcataaag	ccctncnaag	gttnttggn	angcccnant	600
ntgttttgtc	tgcccatat	aancttngcn	ccattnaagc	cncggngag	ctttgnatnt	660
atattngngg	ngttactttc	tttgnncttt	tgcggggaac	ancttnnata	atgettntcn	720
ncccnantng	gacntttgct	ttttgnnncc	nnaccccccc	aaagggngcn	cacctccant	780
gaaaaagtct	tttttnaaaa	gggtcccttn	ctnaaaaaaa	nnnnt		825

<210> 4854

<211> 1090

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1090)

<223> n = A,T,C or G

<400> 4854

gaaaggaagc	acgcaaagca	actcccagca	gcattcccagc	naaangccca	gaggaaggna	60
cnnggcagna	cnaccncnc	gngcaccgcn	ttnttttccc	cagtaggnn	ngacacgcca	120
acnnnngggg	ncncngngga	caagaggcng	ancccaaaac	nngacagggc	aaggacccnn	180
cagacncggg	gangnggacc	agagcgcggc	cnagcgagaa	acagccngcn	accgnnaggc	240
canaaancan	gccgctgaag	gganccgggc	tccggccnta	aacnccanca	ctgacacgac	300
ccagcaaacc	ccncaagagg	aaaaagaccc	ccaaggggna	aacacaagcn	nagggcgangn	360
ncacggggga	ccccgaccg	ncnancncgg	ggaagccngc	cgnangaacg	gganangnca	420
cnangggngc	ataagaccna	ccacncaggg	ccnaccangg	agaaaaaaan	ancgnacnan	480
aaaggncaaa	ccgcaacncc	ggaaggggca	cccacnaagg	gggaaccccc	naangggctc	540
gnaccgggcg	ccantngcca	aagnngngcn	ccncaaaacg	acccgggggg	ncnaaacccc	600

cccggggggcc	anccacncan	gggggggganc	cccaanggan	ggcaaagccc	ccaaagcccc	660
nccggggggca	acccaaaaan	ccnnggagcc	cngngnccca	naganacnng	aaacccgggg	720
gacgncccca	anacncagac	naaaaaagcg	ngggancccc	caaaaaaagc	aaanngcaca	780
cncccccgag	ngnaccnang	ncaanggggg	naaagacaaa	anagaccccn	nnganaagan	840
ccccnnaaag	gccccacggg	ggaaacnngg	gacncncagg	ggnccccccc	nggggaccnc	900
gggngnngcc	nanaaccnc	aaaaaacggg	ggaaaacncc	ccccccana	aaaggccac	960
nggacnnana	anccccccnc	ccnnggaggn	nncccnaccn	cccnngnncc	cnangaaaaa	1020
cnanannngg	gnaaaaaacc	cnngggngnc	caaaaaaagg	gggaaaccn	ccgagggggg	1080
nganncccgc						1090

<210> 4855
 <211> 779
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(779)
 <223> n = A,T,C or G

<400> 4855						
gctaannngcn	ggctactngt	tctttttgca	ggatcccatc	gattcgaatt	cggcacgagg	60
gntgggggnt	cgncggncnc	gctangnnng	ccatacncaa	tntnnagagt	ctanngnntg	120
taannttgct	gcttatatgt	acctgtgctt	atattcganc	ctngnnncnc	atncttcttg	180
acngaagtaa	gactggattg	ttgggtatat	taggggnann	gtgccagaga	tcngtgaacg	240
gcanagnctt	tatgtggccn	antgcngtgt	aatantggcc	ttaagnatcc	tnttcanaca	300
nnagctggnn	aaaatgccnn	antgtagcan	ncatnntatn	agnttgnnaa	canngactgn	360
cngcccanaa	taanggctgg	gatgttgaac	tctggantct	ncgaacattg	ngtgaganan	420
attgncngan	gctgtantct	nttttaattg	gatnggncca	atgnnctgta	taaaccntta	480
ngatgtaccc	nttnnatatt	cngtaccnnt	natcctcagt	antgtcacta	cagtatcaca	540
tantgcatat	gttatcctgt	tgtancagat	actgaactta	gtgaggtntc	nctaaggcac	600
ntagananaa	ancaannttg	gttanntnct	nncgatatctn	tcaactgtgan	ttgcanatga	660
tntantcttt	atanaatgng	anccttttac	cggngctaant	tttnaattaa	aatgggctnat	720
tntgtgttga	taaaaaaac	tcgagcatac	ttnnaccctc	tngaactata	nttgagtcn	779

<210> 4856
 <211> 1776
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1776)
 <223> n = A,T,C or G

<400> 4856						
ggnggagggg	nnngnttttn	naggngngnt	ttannngtg	ggaaaaaac	ccttttttnt	60
taaaaaannnn	actttggggg	gaaangnngc	tgnanataht	cggcctnnng	ngananagn	120
agtcgngngg	ganagnnggn	tgnnnnnngn	agngatatag	gntanganta	gtananggat	180
anannagca	gngaacngta	gttttttttn	agngaganan	nngagnnaan	aggnanacna	240
tnanaganng	ggggggggcg	caanggggtg	nnaaggcgag	anncnaactc	gnannanaan	300
tgaaannnnn	anacngtggn	ananantgag	cgnngatnna	tnnttgcaan	ncataagaan	360
tnngaattgna	nnntgnnngn	acaaannnct	ncganagnnn	gcaagnaat	ncgnancnna	420
cnnnagngna	gaagnagtan	nangaccnnt	aanggantnc	ngagagggnn	nanaaggatg	480
nnnannnann	gnaganngnn	gaananaaga	ggagacnaac	tatannagnt	agnntgncna	540
nnngnaganna	nanaagcnga	naganannnn	tgngagnann	canangnggn	anntaaagnn	600
nnannacgta	tangagntgt	gtnagaactg	aaganaanna	ncacgnaaat	gaanaacatn	660
cnnngancna	nncgaangaa	aatatcacgc	tganngnaga	tagatanacg	ctcnntatng	720
anncagtnac	tgtganatct	gaganangac	ancacngnna	gntnnacnac	acagatgnan	780
gctnananan	gnagcagagt	anaagacnng	gagnngngtn	cgcanatatc	gatatnaagn	840
ntacganagt	gannananga	anantgantn	aggataacga	nnagnnnngt	ntatnnnggn	900

tanaggngag	agntanantg	ctgcncncna	nannanngaa	tncagcgcn	gncgancang	960
nnanaatngg	gnannganan	anantgtann	nanagcaang	ntannagtga	ctntnnngta	1020
atngatngag	nnagngana	tgagtgtct	gncnntagcg	aganantacn	gngaattnt	1080
anagagntgt	agagnagcag	cananannan	tntcngngtn	naangtagag	agcganggan	1140
actnnntagt	atanncagan	acgangangn	gggtgtgnann	cggagtgtag	agncgattag	1200
agagnaaacn	nngncacggt	gtatnanaga	tngagacang	angagaactg	cnnacaagna	1260
nntannnaat	angtacnnaa	tgngancata	agtatnacac	aggtnactnt	atanngnca	1320
tcaacgcncg	antntanaaa	cnntagnttn	acnannaag	ctacgttctn	nncnagaaga	1380
agnactnnan	ganntngagc	ngcacganaa	gtatcgtngg	aacgagcant	cgtnnatgag	1440
anagtanaca	ngcaaanagg	aagnnnagna	acagtcacan	gncagangaa	acatnctcac	1500
nngnnantta	ncgngganac	gtaaatgtag	acacgnagga	gatnaannng	atatgangga	1560
nannnaaaga	gtanatgcgt	antngnatna	gananganan	aagtnaagag	antgacnana	1620
tanatgatnt	anganagacg	ganganataa	tctggaagcg	nggaanagan	tagagatagn	1680
ngaganggat	cnngtanaca	gntcnnngnc	nnctanatga	ganngnncaa	ctgtntatac	1740
gatntannna	ggnagatcaa	gaatatacnn	tctcct			1776

<210> 4857

<211> 747

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(747)

<223> n = A,T,C or G

<400> 4857

gttaatctct	agcnaggctc	ttgntntttc	tgcaggatcc	catcgattcg	aattcggcnc	60
gaggttaana	gaatnaaaaa	gaatgattga	agccttcgag	acatatggga	tactataaag	120
ccaccacata	tttgaatcat	ttgggtccca	gaagacagag	aacaaaagga	ttggaaaact	180
catctatttt	tttgttatta	aataatagat	gaaaacttcc	caaactctatc	aaatgattta	240
gatatccaga	aacaggaggc	tccaagatcc	gcaaacatat	acaatgcaag	aaagtcttct	300
ccttggcaca	ttatagtcaa	actatctaaa	gtcaaagaca	gaattctgaa	aaaggcaaga	360
gaaaagtgcc	tagtcagttg	taaagaaaac	cttatcaggc	taatagttaa	tttctcagca	420
gaaaccttat	aagccaggaa	agaatgatac	attcaaagta	ctgaatgaaa	aaaatgctat	480
ccaagggata	ctatatctag	caaaaatatt	ctttgttaact	gaaggagaaa	taaagtcttc	540
cccagaaatt	gcttaaggga	gtcctaattc	tgggagcaaa	atgactacat	ttaccatcat	600
gaaaacttat	gaatgtgtaa	aacctgctaa	tanagcantc	acacaaagga	ataaggga	660
gtaattaaat	ggctctgtac	nggaaaacca	ccaaccana	attggaanaa	anaattnanc	720
ttnaaaaacc	tcgagcctct	tgaactt				747

<210> 4858

<211> 1197

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1197)

<223> n = A,T,C or G

<400> 4858

aggggtttac	actnctaaaa	ttnttgagct	nncgntgggc	gnaaaggggg	cncctttaa	60
naanttaagg	ccnctnaaa	aaanaatcag	ggannattnt	gggggggctt	tgnggggggg	120
gtcatctatc	nnnacacnt	aantntatta	cncatagata	ctcaattnc	ntctctagna	180
natnnnnga	tcttntcgg	ctntnnancc	nctctacta	ttactnctna	aacgtncnn	240
catantctnt	ntacacatat	atctnanata	ctatacatat	antntcatan	tnntactact	300
ctnatntctc	ntctacatct	ctanttatnn	ntcnntcnct	ntctnctnatc	tantctcata	360
tctnnacgac	nnactatttt	tnctcnnnt	cctnctntcn	cnntnttanc	cccnatnann	420
atctntcacc	ntnnattttc	naatactcta	tctattantt	aactatctnc	tnnttcnnnc	480
nnntnnnnct	atnnnncttc	tananaactcn	tcnctnnnc	tnntnnnnnn	taantcnnnt	540

cnntctctnn	tnnnnnntnn	tgnnnancct	nactaanntc	ntcnncntcn	ntnattanna	600
nattntntaca	ntcntccct	ncanctnnnn	nattntatan	tcttntncc	nttccantnt	660
anatntntn	ntancnntc	ntaattcaa	nattnatntc	atcntcnnt	nttnancaat	720
nacaatnacc	nccanntcac	ctaatttna	tcncatacna	cncnnnctn	tanccnnata	780
tnactncnnc	anttcnntnt	natctctnt	tnacacactc	cnnngantat	actnntnaca	840
cttcttatat	ntntacntg	tnatacactc	ttnacntana	tatnnatcan	actnatanaa	900
agcatactat	catcttacct	nctntnatat	accatncacc	aatcacttan	tntatncatc	960
tcannacanc	tccacatatn	actcatcnct	aatatgtctc	tataatnntn	catctactca	1020
ntcacnnnna	ctctntagat	atatnctata	ctncancnta	tatntatcna	ttcatctaca	1080
nantancn	catctnttgn	nctatacnat	aattgtntct	catatntntt	tctcctacan	1140
nctttatctc	gatnnttate	ntgtancn	nntntatcta	natatnacat	atcacat	1197

<210> 4859

<211> 767

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(767)

<223> n = A,T,C or G

<400> 4859

gaaanccct	ttgttactnn	gtnccttttg	caggatccct	cgattcgaat	tcggcacgag	60
ggggattcat	aattccagac	aggtagagaa	cggttttatt	tatgtagaga	cagagtctcg	120
ctctgtcgcc	cagctgaggc	ggggagaatc	actttgacct	gggagggtgga	ggttgcgctg	180
agctgagatc	attacactgc	actccacctg	ggcaacagag	tgagactatg	tctcaaaaaa	240
aaaaaannaa	aaaaaaaaact	cgagcctcta	gaactatagt	gagtcgtatt	acgtagatcc	300
agacatgata	agatcattga	tgagtttgga	caaaccacaa	ctagaatgca	gtgaaaaaaa	360
tgctttat	gtgaaatttg	tgatgctatt	gctttatttg	taaccattat	aagctgcaat	420
aaacaagtta	acaacaacaa	ttgcattcat	tttatgtttc	aggttcaggg	ggagggtgtgg	480
gaggtttttt	aattcgcggc	cgcggcgcca	atgcattggg	cccgaccaca	gcttttggtc	540
cctttantga	gggttaattg	cncgcttggc	gtaatcatgg	catagctggt	tctgtgtgta	600
aattgttate	cgtcacaatt	ncacacacat	acgagccggg	acataaagtg	taaagcctgg	660
ggtgccta	gagtgagcta	ctcacattaa	ttgcgttgcg	ctnctggccg	ctttccaatc	720
ggnaacctgt	cgngccactt	gcnttatgaa	tcggccacnc	ccggggg		767

<210> 4860

<211> 761

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(761)

<223> n = A,T,C or G

<400> 4860

ngnntttaag	atcannccaa	gcgcttggtg	caggatccct	cgattcgaat	tcggcacgag	60
gaccacctac	ggaaaactga	ggcccacata	agctcgattg	gttgtaacctc	caacagatat	120
ttattaagca	cctactaaat	actgagccca	ttgcaagcac	cagggaagcc	tctgtgaaca	180
gcacaaggtc	cctgctctgg	agattctgct	tcagtgggtg	agacagaaaa	taaacagt	240
cccgtcacca	attttccttg	gaattggaca	gatggcagcc	accataatga	tactatatgt	300
gtccaagcta	aacaaaatca	ttcacttccc	tgattttgat	aagaaaattc	ctgtaaagct	360
gtttcctctg	cctctcctct	acgttgga	ccacataagt	ggattatcaa	gcacaagtaa	420
attaagccta	ccgatgttca	ccgtgctcag	gaaattcacc	attccactta	ccttacttct	480
ggaaaccatc	atacttgga	agcagtattc	actcaacatc	atcctcagtg	tctttgccat	540
tattctcggg	gctttcatag	cagctgggtc	tgaccttgct	tttaacttag	aaggctatat	600
ttttgnattc	ctgaatgata	tcttcacagc	ancaaagtga	gtttatacca	aacagaaaat	660
ggacccaaag	gagctagggg	aaatccggag	tctttctaca	atgcctgntt	tntgaattat	720
ccaacttctt	attattagtg	gcttcactgg	anaacctgnc	t		761

<210> 4861
 <211> 984
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(984)
 <223> n = A,T,C or G

```
<400> 4861
tgngnttttt taaaaaccag ctacttntta tnaaggcagc cnaccgattc nnattgcggg      60
angancatng attcnggcc ctgcatgatg gtggcngaac tnnntgcccc aagtggggcc      120
tgnganccca acaaccccaa cangccgncn cggtnaacn acaatatcaa cccgcaaacc      180
ccagggaacg cggccatgta caacacagac cagatctctc cctatgctgc cccctnccca      240
caaggttttc tnccanccca tgcccagccc ccanagctac caccaagtgg tgccaanccc      300
agcangctac catnaatacc cantcccat ncagggtccac cntacaccgt ntaccatggt      360
ctatcaggct atcccccanc cgagcncctg ttggctacag gtctatgaca acctgggnagc      420
tcctntcccc atgggngggg anaaanccca acaaaactgc tcaaggcttn aagggtattn      480
tgaagcngga aaantttcgg gcagaacttg gggttnaccc nacctgggnc antttntaag      540
ggtngaaaan ggttgccggg gggaanaacc ctttactcct tgggaattaa cnaacnaagg      600
gttgggggtg ggggaacaaa cnaacaaaag gggnggggta antccccccc cngtnnggtt      660
nnacnggggt ttccctcttg ggggggcccc caaaagggtt ngggnangng ggttnggagc      720
caaggnaaat tncnctnttt ncctttnggg gtancccccc ctttaaaact tngggaagaa      780
aaagaaaact tnnttccnna aaattgggtg naanagnccc ccaaaagnng ggcaaaaagc      840
ttggggattt gngggaaacc ntaaaggggg aaagggggag actttttnaa ancccaaagg      900
ganggncttt taacttgatt taaacggggg aaannaangg agggnttntc tggggaaagg      960
anaaantttt tgccaaanaa ccnc                                         984
```

<210> 4862
 <211> 772
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(772)
 <223> n = A,T,C or G

```
<400> 4862
ggnnnggttt anancagctc tngatctcng tgcacgancc ctcgtttgna tgatcnatc      60
gattcgctca ngtcgngtgc catttatggn atnactttat tttatttnat tgcattatna      120
tatnatnttg agacagagtc tcaactctggn acccangctg gantgcagtg gccggatctc      180
ggctcactac aagctctgcc tcctgggttc acgccattct actgnetcaa cctncngagt      240
anctgggact ncaggcgcct gccactgggc ccggctaatt tntngtattn ttagtagana      300
cagggtttca ccatatnanc caggatggnc tcgntctnnt gaccttggtt tctgcccagc      360
tngacctncc aaagtgcctg gattacaggc gtgagtnacc atgccagnc tcaagtaggt      420
tttgaatgaa tttctcatac ttttaaagta caacattatn gcaataacag gactattnca      480
cttcttttct aatttgata atggatagat natectaagt gtnatangat ggctcaacct      540
ccgtacaatg gtgaatcccg nntcagtna aatctcgccc nggtgtcaac cttgaacana      600
agccctagat natnaccatt tngtgnatta gcctttggtg ttnagttttt caccttggnt      660
taactgnnng ccttaaacc tnttnagctc aagtggaacc ttccnacctt taaccggccc      720
cgnattaaagt tgggggancc atttgggcct ttgcngccna cccngggccc cc              772
```

<210> 4863
 <211> 848
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(848)
 <223> n = A,T,C or G

<400> 4863
 nnnnnanngg nttttatnct cngtnnnncnn ttttnnaan ggnangcnac tggtnccaat 60
 gcaggaccca cnatttnaat tcggcacgag anggccttan gctttttttt tgtagggtga 120
 gagggtggga gagatctctt gctctgttgc ccaggctggt ctccagctcc tggcctccgg 180
 cagtcctccc acctcagcct cccagagtac taggattatg ggcagtagcc accacaccta 240
 gccaggcttt ttatattgag ttggttatat atgcttcata gccacacttt ataattattg 300
 agtatagtat taaattacag cttgttgtca agtcagngtt tctgtaagac agtatatnca 360
 atattggnta gagtaacacc tatttggtga tacaagatca acagggtgtc tctgattaat 420
 ttagctccta catagcccag aagcnagtgc attatgattt agaattattgt acatgggtat 480
 gcaagggaatn atnccaacct atntgtgttt atanggtcag atgatgttca gatttatatc 540
 tgctgatagn gntntnttgc ngggaaaacc tataaaaccc cttcngactt gttanaaaca 600
 gtgagnaaag ccnngattgg aaatatttaa ttacaaccct cgtgggnatta aaatttttnan 660
 tttaccattg ggaatgggta aaatgctngn ncattttgna anntttgtta aaanccttgn 720
 ntcttttaaa aacnttttga aataaccctt gntctanggg gaaaaaangt attttnaggc 780
 ccnaaaanaa atannanang gggaaggngg ggggattttt ccaagtnccc ccntatgttt 840
 gggggggcc 848

<210> 4864
 <211> 769
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(769)
 <223> n = A,T,C or G

<400> 4864
 tngccttang gtnncccttc ccatgcactc ccacggaaan gccncccat cgtangcgca 60
 gcatccacat gaacaggcgg cgccgaaggg atcctgcccc tnactctcnt tttctgttga 120
 accatctgga attcacaggc ctgtcatgag agacacgatg agaagtcctt aaaggtagat 180
 cactgattca caggggagca ggcggaggca aggggtgagtc agtgcttggga actcagtcac 240
 ccagatttgg ctctggaaac ttctgaagct gtagcctttg gggatccctg actgcgagta 300
 caggaagcca acgctatgtg gtcttctgga aactcattat ctttttccact ggtgctatct 360
 gggaaaaaca gatgaaaacc tgaagggtgt ctgtatgtgt gctttcaaaa gcaaggatct 420
 ggccggacgc agtggctcag gcctgtaatc ccagcacttt gggaggccga ggcaggagga 480
 tcacctgagg tcaggagttt gagaccagct nggccaacat ggcgaaacca tctctactaa 540
 aagtcaaaaa ttatctgggt gtggtggtgg gcacctgtaa tcacagctac tcaagtagct 600
 gaggcannaa gaatcanttg aacccaagag gccaaagttg cacttgagca caagatcaca 660
 ccactgcact tcnacctggg tgacaagaat gaaacttccg nctcaaaaaa aaaaaaaaaa 720
 aaaactngac cnttanaact atagggagtc gnattccgta annngnacn 769

<210> 4865
 <211> 717
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(717)
 <223> n = A,T,C or G

<400> 4865
 ggnnttnaaa tatcagctct tggtcttttt gcaggatccc tcgattcgaa ttcngcacga 60
 ggtctangnn gatgtctntc naatcatggg ntgtcctnt ntthtgacac agggccttgn 120
 cttattgtc angctngagt gcagtnagct gtnatnncac tgctgcncct cngcgannnn 180
 gtnanaatan tactctgnnt nnganngaan naantanatn gntaccnna naccaactct 240

gtctaaatgg	aaaagatgga	tnatnaatct	tagncttnat	agaacnntga	gattntcaan	300
nggtgcgang	cacagtgtc	attnttncat	cctatcacia	gacnctnta	acctntaacc	360
gtnaacaana	tgnaatcgnt	gtataaaaac	aatnnctgtg	nttaataggt	gactgactac	420
agtagccttt	naggagtcca	nagncaacta	ttcagcctga	tctttccaca	tacactacat	480
tgntattgtnt	aanattcnta	naaattactg	cgcnatctan	ngctttaanc	ctnatgtagt	540
gactgntgct	atatctggaa	gtatctntaa	anagtttgct	gggnnttnct	cactgcttaa	600
tctactaga	cntatncatc	tgcttatcnt	atcacttngc	cnnnatgatt	actgcaccgg	660
tntacgaaaa	atnccattan	tgattaaact	tttaaaggnc	aangaccata	tntnnng	717

<210> 4866

<211> 1403

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1403)

<223> n = A,T,C or G

<400> 4866

gngacgttgc	aaaaagcctg	gggtttccaa	aagccttgg	tgacgccc	cgcttggang	60
gccgttngcn	aacgcncna	cacgcgnnac	nngnncnact	gagacnagca	anggtgncaa	120
nggncagann	acaaggang	agnctnnntg	nacgcgcggn	ttnnnccggg	gganancnang	180
ggggggagaa	cnnccgggn	ggananaatng	ggcgnngnng	caggacncan	ngcanatncg	240
aaagnnncn	ngganccgc	agnccggng	acangcgnct	gancnnggan	nnagnnang	300
agnnaggaga	ggngngcccc	anggagannn	gnacggacnn	ggagnaganag	ncannncacn	360
cacgngcnn	aaganaggga	nanncnngnn	gcaaaggggc	gagnaannng	ggnantnann	420
ganagangan	gannggagna	gnnnagnan	nannggagg	ncncngnag	tgcatacaga	480
gaanggcgac	nngaagcgaa	aacgccacaa	nanggcnncc	nggngcnna	cnnnganaga	540
ncaacncggg	nanncagcng	gacgacgagc	agcanancgn	caactagcan	aggananacg	600
gaannnggcc	ncantcggcg	agnanaaaag	aaagccacng	cnaaacgcac	gnagncacna	660
nacgacnca	gnggnncacg	gggcanacag	nnncngacgg	cngcnannnc	taancagacn	720
cacagcgcaa	aaatggggga	gacatgacaa	nnnngacagc	ganacaccac	gacaaacgcy	780
cnggcananc	anagcgccnc	ganaggacng	acggngaaac	cgncgacagc	nccacacaca	840
agcncagaga	ggnnntacac	nctagngaca	ngagaggngn	cngggnaagc	gcacgagaac	900
annaacaccg	acagagcang	agcgnnnana	gcaaagaccg	gacncnagna	cgccnanang	960
acacggnccg	nagacannag	agnannagng	atgnngacan	aacggngccg	aanagaagac	1020
gnacancgca	nngaccaaan	gnacnnannc	accangagaa	gaagagnaga	acgnacacgn	1080
acnagcacga	agaccacnga	gacntgaccg	cgcacagaga	agcacngggg	gacgcccana	1140
gaaaanaang	agagctgcgc	anagagcaca	gaancacgat	gagaacggnc	cnaaacgant	1200
ncacgcccac	aacagganan	nctgggggca	nacaanagag	agcaggtagn	caanacngnc	1260
gaanagnccg	agcanagaga	cntgggnngn	ggagnagcag	ngnnggnnca	nccagaacaa	1320
gaaagnngga	cagnacngcn	angcantagn	nanaangnaa	gnnattnnng	gntngncagc	1380
gaanngtnaa	gcggagngnn	cgg				1403

<210> 4867

<211> 1019

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1019)

<223> n = A,T,C or G

<400> 4867

gnnggnnaaa	nnngctttta	aacatacagn	ctacttgctc	tttttgagg	gatcccatcg	60
attngaattc	ggcacgagg	ccaccgaaga	gggcaccagt	gtcttgctac	ctggactnca	120
catangacta	atnntgtntac	tggaataaan	gatctatana	angtcngcna	ctgatgtgta	180
tgaaaagcat	acntgactnt	atatncta	gtngggatgt	gannttncta	aagtntnaca	240
ataattngtg	ntancatcac	atgaccaann	gttaactant	atcttgagga	cactgacttt	300

ntggggcccat	antnttttga	ttttanacca	agaacntnta	atnatntgta	tcccaaatat	360
gntgctcctt	ntngnanagn	ccaanggctg	atttncctnt	ncatcttnna	tnnttggtgg	420
ancacctaen	gaggtagtnt	tctngnnggn	cctngnaaaa	antnttccan	aanantaccc	480
gtgtgcntcn	ttanaatnga	ntaattgtcn	naaaattaan	ntaggcnntn	gnnncaaaan	540
naaaaggcct	cccctttgaa	aaacaangtn	atthtgaaan	aangataaat	cnntntnnag	600
ttnatcannn	nanannnana	tntgtcnaat	ncnntctana	ttttntaccn	nnntntagta	660
nnattcntaa	aanntanaga	ccnttttccc	tnntgaagna	nnctntgggc	ntaannaann	720
tnngntnann	ntcancttn	gncnngtntn	nnnnnattcg	ngtaatatgg	anncatttnn	780
nanataaaan	anannttctn	mntgnangac	mntactanac	aaanttttaa	antnngttct	840
acancccnnt	tttanannnta	nanantcgna	tatgaatttc	aatctcccna	tnntgttnan	900
ataatcaaen	nnanattaaa	ttttnataen	ccttattaaa	acctctttna	tgaagnatcc	960
aattnttgat	naatncntaa	acnatgntat	actnnnatat	ntnattatnn	antgnnccg	1019

<210> 4868

<211> 786

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(786)

<223> n = A,T,C or G

<400> 4868

tgnnnnncgt	nagaccagct	tttnaacata	caggctactt	gttctttttg	caggcatccc	60
atcgattcgc	atccctggag	cagcttccaa	cactacttca	gggtggcagt	gtttggggca	120
ctgggcgagc	ctgccggcct	ctagatggcc	tcatctcttc	cttcacaaaa	ctgtctagaa	180
ccaataaaaag	gaaacctgcc	aaaaaaaaaa	aaaaaaaaact	cgagcctcta	gaactatagt	240
gagtcgtatt	acgtagatcc	agacatgata	agatacattg	atgagtttgg	acaaaccaca	300
actagaatgc	agtgaaaaaa	atgctttatt	tgtgaaattt	gtgatgctat	tgctttattt	360
gtaaccatta	taagctgcaa	taaacaagtt	aacaacaaca	attgcattca	ttttatgttt	420
cangttcagg	gggaggtgtg	ggaggttttt	taattcncgg	acgcggngcc	aatgcattgg	480
gncccggtac	ccagcttttg	gtccctttag	tgagggttaa	ttgcgccttt	ggcgtaatca	540
tgggcatagc	tggtncctgn	gtgaaaattg	ttattccggg	cacaaattcc	cgccacatnc	600
caanccgggg	gccttaaagn	gttaaaaact	gggggtgccta	aagaagtgan	cttaactcac	660
catttaattg	gcgtttgccc	nttaaatggc	ccgcttttca	anttcgggaa	aaccttgtcc	720
ntnccaagct	tgcanttaaa	tgaaattggc	caaacgcenc	cgnggnaaaa	ggccggttnt	780
gccttt						786

<210> 4869

<211> 755

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(755)

<223> n = A,T,C or G

<400> 4869

gntnatgacn	tnaaactctt	tggnagcag	gtccctcga	ttcgaattcg	gcacgaggaa	60
tcttccctaa	agtcagagt	ctcccggann	ntggagnttg	tccttcccaa	gccttctcgc	120
ggggagggaa	ttccttcttt	ctgccgcctg	ttacatccct	gtgtgagaag	gtctggtgag	180
ctgagcccac	atcactcggt	ctgctgccca	gggtgtgcttc	catcttctact	gtggaaaagt	240
cattttgaac	tccccggtga	ctgcaaatta	agtaatcaag	gacagatggg	actgggttga	300
ccattccaag	gagtacagtt	acttgaagaa	tctggaagca	ataccgagca	catttggttg	360
cattaattca	ttggagcaat	aatgctgtac	gtagaaagta	tggtgctttt	ttaaaaaaac	420
atcatcagtt	ctgagcattt	gtagcaagtg	aactctaact	tggaacggat	gataaattct	480
tctaaaaaac	aaataaaaaac	cctccagaca	atattatgca	ttgagagctt	taaaaaatat	540
atatactaca	gcatttgga	aacactttgt	ctggctatgc	cactgcactc	cagcctgggc	600
gacagagcga	gactccgtct	tcaaaaaana	aaaaaaaanga	agacttgnat	taatggagaa	660

acagactggg ccttggctag aaatnccaaa tattgnaaag aagtcatttc tttaaaatna 720
 atttatggat ttaatgcngn cctnagttaa aaatc 755

<210> 4870
 <211> 742
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(742)
 <223> n = A,T,C or G

<400> 4870
 agtgnntttt aananacaag ctacttggtc tttttgcagg atcccatcga ttcgaatcat 60
 aatggggaag gccatccagc ctgcgctcgc gaacgccagc aagacgtagc ccagcgcgtc 120
 ggccgcatg ccggcgataa tggcctgctt ctgcgcgaaa cgtttggtgg cgggaccagt 180
 gacgaaggct tgagcgaggg cgtgcaagcg ctcaccgcat cgtggcacct ggcaaggga 240
 tcctggctgc agatgagtcc actgggagca ttgccaaagc gctgcagtcc attggcaccg 300
 agaacaccga ggagaaccgg cgcttctacc gccagctgct gctgacagct gacgaccgag 360
 tgaacccctg cattgggggt gtcacctctt tccatgagac actctaccag aaggcggatg 420
 atggcgctcc cttcccccaa gttatcaaat ccaagggcgg tgttgtgggc atcaaggtag 480
 acaagggcgt ggtccccctg gcagggacaa atggcgagac taccacccaa gggttggatg 540
 ggctgtctga gcgctgtgcc cagtacaaga aggacggagc tgacttcgcc aagtggcgtt 600
 gtgtgtgtaa gattggggaa cacaccctc ncccttgcca tcatggaaaa tgccaatgtt 660
 ctggccccgt tatgccagta tctgccagca gaatggcant gtgcccatcg tggacctgag 720
 atcttctga tggggaccat ga 742

<210> 4871
 <211> 846
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(846)
 <223> n = A,T,C or G

<400> 4871
 tttnaaatcc cagctctngc agnanttcaa gtccnctttt ctaatncttg gcanctcgat 60
 ctgcncgaa nnnnntnggc ncgagantct gcnctacaac ngacaggatt gntagaacnt 120
 nnnnngtcng ggggatntng aatantnnnt caacacnngt gatacgcntg anctaacagg 180
 tgggtgtttt antataccna cnnaaatagc angatgcgac aacantcctg naacngtgtc 240
 ttntcaaagn caactggcct ggaaggctac aagtgtcnnn aaagattctg ttcagaatct 300
 agccacagan ataaaggatg gacaaatacc tngnacatag tctnctcana gacanccaag 360
 ccttgaangc tcaggatgatg aaaangattn tgtttcgaat ntanccanga gaaataaagg 420
 atgganaaaa ntctgggaca ntgtcttctc agaancaatc ngncatnaa ggttntatct 480
 nacangaaag ttctcntttt gaatatgtgc cacacngaac aacnggcggt tngnaaatct 540
 nnaacagagt atnctganaa tntgcccanc cntgnaangc tacaattgaa aaataataan 600
 ntctgatctg aaatacaagc caccaaatg naangattgt acnaatcatn cncaccagc 660
 agcaacanng acttnatgaa atggccatcc annnnggaaa accanaagga agctttgnna 720
 nnaatntgca atanattacc canncnnaca aggttgaaaa aanccanaat tncattnctn 780
 agggatggac cctttgntng accttaaat ncagtcctc ctnaaaccn ttcttnaaga 840
 aggnnc 846

<210> 4872
 <211> 717
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(717)
 <223> n = A,T,C or G

<400> 4872
 ggnnttnaaa tatcagctct tggtcttttt gcaggatccc tcgattcgaa ttcnngcacga 60
 ggtctangnn gatgtctntc naatcatggg ntgtccntnt nttttgacac agggccttgn 120
 cttattgctc angctngagt gcagtnagct gtnatnmcac tgctgcncctt cngcgnannn 180
 gtnanaatan tactctgnnt nnganngaana naantanatn gntaccnna naccaactct 240
 gtctaaatgg aaaagatgga tnatnaatct tagncttnat agaacntga gattntcaan 300
 nggtgcgang cacagtgtc attnttncat cctatcacia gacncgtnta acctntaacc 360
 gtnaacaana tgnaatcgnt gtataaaaac aatnnctgtg nttaataggt gactgactac 420
 agtagccttt naggagtcca nagnactta ttcagcctga tctttccaca tacactacat 480
 tgnattgtnt aanattcnta naaattactg cgcnatctan ngctttaanc ctnatgtagt 540
 gactgntgct atatctggaa gtatctntaa anagtttgct gggnttntct cactgcttaa 600
 tcntactaga cntatncatc tgcctatcnt atcacttngc cnnnatgatt actgcaccgg 660
 tntacgaaaa atnccattan tgattaaact tttaaaggnc aangaccata tntnnng 717

<210> 4873
 <211> 1194
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1194)
 <223> n = A,T,C or G

<400> 4873
 cccccacnnn acncaacacn cancacnna ncnncannnn ncancaaaaa aaaanccanc 60
 ccanaaacac canccccaac acncaaacaa nccnccccac canccnnaan gggcccnac 120
 cancctgtca agcnaacgac ccacnacnaa gcngccgaga agctnccacn nacacccaaa 180
 ccncatacag ngggcngggc aagcnggggn cncatnggga nggggaaggg ngcccggcgc 240
 ctanccnnn nccngggnnc nacagngna ccanatnggn ccancceca nacnaccang 300
 taccannnn nncacgnnaa caccnncca anacaccnc catcnaangc anaaccgacc 360
 anangnacct accnaancan accnccana gccnacnna gcnnacacac caaccccccc 420
 annicanggn accnacngca aagncctct cgcnnngatc accancantn ncnatacan 480
 cacnancnac cacnccncaa anacnaacgc ttancccan cgacccana cnaaagacc 540
 ananagcaca cactnggnaa naaananacn cancgcccc cnaannccaa naangcgcnc 600
 nccaacacan cnaacccan ncacccnaa accncannn cacnggcgac annnggaana 660
 cnccccantc cccacnnca canacnaanc ncnanacag nnaacncng ancnnaccn 720
 naaanaacan annnnnngca nnnanaaac cccnangnnc tacnngcaca cactcnccan 780
 accagntnnc acncaaagc ncacnaccac ncacncccc acnacaccna cgcncncna 840
 cccaccccc accganacna gccaaaacgn nccannacn ccaangnaca nnccaagegn 900
 cacaccncac acgacncana cccnccnna cactaacnnc acnnnnnaca cnnnnccacc 960
 cacanaagc canacnnc canccnagaa ccacaccna acnacnnanc tnnctcncc 1020
 annngccnn nntnnccgct cgcanaaacn nancccncca acacaaancc naacacaaca 1080
 cntnccccn tnaananaca ccacnnnaac tccannanan aancaacnnc nnccaccanc 1140
 aancaacacn cacnacanta cagacncctt anannancn cncacaacc nccg 1194

<210> 4874
 <211> 719
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(719)
 <223> n = A,T,C or G

<400> 4874

ggtttttnat	cacagctact	tggtcttttt	gcaggatccc	atcgattnga	attcggcacg	60
aggtactttg	agtgtttggg	ggttcaacac	acacatgcaa	ttttgcttaa	caaaagtgnn	120
ntataataca	gtttcataca	gaattacctt	aaaagggagt	cttatgtttt	caactacaga	180
tagttgtaag	ggatcataca	gaagatattg	atgatagttg	aaatattctt	agaaggggtg	240
tgtatgtcta	gctgtgtcta	ccatgtgtat	gtattcttga	caagcantat	naaataacctg	300
tgatntttct	ttacattacg	gataatgcat	aaggaattaa	tcttcatata	tattatcatc	360
cctaagttag	canggggaag	tatttaaatng	cccatgatat	gtatnttact	tatactatgc	420
caganaggaa	actntannnt	cattacacnt	gtannctngg	gttnntcaca	tatgtacgtn	480
ttcattnnna	gtaggtngaa	gatganacta	aatatttnca	tgaatnga	ncctgatggg	540
atagcctcaa	taagtattta	aaagccngtn	ttctaaaaat	aataaagggt	aggggtcatt	600
tttgacttnt	gttgatcttt	tgctattgnt	aatattnaac	aatnnangtg	ttacatttgg	660
tacctggnag	ncnnnaatgc	catnnattgn	nnaacancct	gaggatgntg	aacaagncn	719

<210> 4875

<211> 719

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(719)

<223> n = A,T,C or G

<400> 4875

ggtttttnat	cacagctact	tggtcttttt	gcaggatccc	atcgattnga	attcggcacg	60
aggtactttg	agtgtttggg	ggttcaacac	acacatgcaa	ttttgcttaa	caaaagtgnn	120
ntataataca	gtttcataca	gaattacctt	aaaagggagt	cttatgtttt	caactacaga	180
tagttgtaag	ggatcataca	gaagatattg	atgatagttg	aaatattctt	agaaggggtg	240
tgtatgtcta	gctgtgtcta	ccatgtgtat	gtattcttga	caagcantat	naaataacctg	300
tgatntttct	ttacattacg	gataatgcat	aaggaattaa	tcttcatata	tattatcatc	360
cctaagttag	canggggaag	tatttaaatng	cccatgatat	gtatnttact	tatactatgc	420
caganaggaa	actntannnt	cattacacnt	gtannctngg	gttnntcaca	tatgtacgtn	480
ttcattnnna	gtaggtngaa	gatganacta	aatatttnca	tgaatnga	ncctgatggg	540
atagcctcaa	taagtattta	aaagccngtn	ttctaaaaat	aataaagggt	aggggtcatt	600
tttgacttnt	gttgatcttt	tgctattgnt	aatattnaac	aatnnangtg	ttacatttgg	660
tacctggnag	ncnnnaatgc	catnnattgn	nnaacancct	gaggatgntg	aacaagncn	719

<210> 4876

<211> 761

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(761)

<223> n = A,T,C or G

<400> 4876

ttgaancttt	aatntnnacc	cctttggaac	ttnttgcagg	atcccatcga	ttcgtgtaga	60
ggaggtgagg	aaatacttta	atgtgttgga	aaccatgggt	ttgaacagaa	gatacgcata	120
tggagtgagg	aatggaaaga	aaactttgtg	ctacatttac	tgtaaattat	atcttattga	180
ttcagtaaat	tcaggtggaa	tacggaagtt	caaatttaaa	gattacccat	ggactcctga	240
cctcaggtga	tcaccccgcc	tcagcctccc	agtgggctgg	gattacaggt	gtgagccacc	300
atgcccagcc	tcatacttct	tattaactgg	tttaatcctt	tcaataatcc	tattaagtag	360
aattattagg	taattagaat	taggttaaaa	agagctgagg	tgtgggtggt	cgtttctcag	420
gtaaaacatg	gctaaaagct	tacggagtaa	gtggaaaaga	aagatgcgtg	ctgaaaagag	480
aaaaaagaat	gccccaaagg	aggccagcag	gcttaaaaagt	attctcaaac	tagacggtga	540
tgtttttaag	aaagatgttc	aagagatagc	aactgtgggtg	gtcccaaaca	ttgccaaagag	600
aaaatgcaat	gtgaggtaaa	agatgaaaaa	gatgacatga	aaatggagac	tgatctaaga	660
gaaacaaaaa	gactctnta	gaccacatgg	cagtcccata	tgatgacca	agcaagaaaa	720
gctgcggcaa	gcagagaaaa	naagggaaac	caacaaacat	n		761

<210> 4877
 <211> 687
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(687)
 <223> n = A,T,C or G

<400> 4877
 agacaagcta cttgttcttt ttgcaggatc ccatcgattc gaattcggca cgagtattgg 60
 tttgtagaaa tgctactgat tttgtacgt taatttttgt atcctgaaac tttactaacg 120
 tcatttatca ggtccttttg agggattgtt aggggttttt taggtttaga atcatattgt 180
 gagtgaacag agataatttg acttcctctt tttctattta gatgcctttt gtttcttttt 240
 cttgcccgat tgctctgggt aggacttcag tactatgntg aatagagggtg gtgagagtgg 300
 gcatccttgt cttgttctta ggggggatgc tttcaccttt gccattcag tatgatattg 360
 gctgngggtn tgtcatagat ggctcttatt atnntgagag gtatgtcnct tcantgccta 420
 gttagttagg gatttttatt atgaagggtt attggacttt atcaaagtct tttctacatg 480
 tattgagatg atcatatggc cntgggntta atctggntta tgtgctaaac ctattcccan 540
 atcaaaaana angatttctn ctaacacatt ctacgaacca gtacacctga accaaatctg 600
 caaggcncac ancnatnata aaaaaaaatc gctntaaact tnnggnnata ctaaaccaac 660
 tganagnnct gatnagttgn caccctt 687

<210> 4878
 <211> 724
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(724)
 <223> n = A,T,C or G

<400> 4878
 gnanctact tgttcttttt gcaggatccc atcgattcga attcggcacg aggaggggag 60
 agaggagggc cattacaact ctgccttcaa gactcatctc ttaaaaacaa aacgaaacaa 120
 aactacaacc accatcaaaa ccacacgcaa aaaaaaaaaa aggataactt taaccgaagg 180
 aagggttttg ttccattcaa ctccacattc attgtgcctt tacttgcatt agatttctgt 240
 gctttcttcc tttccctctt tgaagcaatt aaaatcttcc ttgataactg ctgtttcttt 300
 ctactcttgt ttctggcaat ttagtgggtt ccttctctag tggctttaa tctcattcca 360
 ctggtggcaa gatggggcct anccttcttt tcacatgtct aatcttttcc tttctcatgg 420
 tgccctccat ggaagtcaca gtnaacactg aataaatgac tagaatgaca cgtgtgcgtg 480
 ccgcacgctg gtgcnttgtt gtgttcatct gtctgcatgt gggatcaatt tcttttagaa 540
 aataatttat tgnatgattt attttgggag ttatattctg attacagngc tccttnttcc 600
 aaatagcatt gatttttccc ccttnaaagn ataatctggt ctcaggttgg atctttngga 660
 catntctctc tctggatgcc atgcagttaa ttaaacctt gcttaaaaca aaaaanaaaa 720
 aaat 724

<210> 4879
 <211> 925
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(925)
 <223> n = A,T,C or G

<400> 4879

tnnnnnnnnn	ntnnnnnnnn	tnnnnnnnng	ggnnnnnnnt	nggntttana	ctcggaacg	60
tttctnagca	ggngccatc	gnnncgaatg	cggcacnngg	nggtanccga	attcggcacg	120
agggggacaa	ggctataaat	atcattaata	ccaggttcag	gagtttgac	tgactaaaa	180
atcaactcag	ctatttgagc	accttttata	gagtggaaat	gggttgggc	agtaganaag	240
agcactttta	gagaggcttt	tntgcagnag	ncaggggtta	cacctgttaa	ccagccataa	300
tttttttttt	aagcggtctg	gctgaggatg	agccccatgt	agttggtgca	ggtggggaca	360
cactgtctgt	gtaactagaa	aaactaggca	tggccgggca	cggtagctna	cacctntnat	420
tccagcactt	tgggaggtca	aggggggagg	aacacttgag	gccngagaca	atataatata	480
taataataata	tattggccag	ccttgacaa	tataaataaa	gagccctntc	tgtaccaatt	540
taaaaaacta	aaaagcctng	gggtggngg	gnacaatacn	ctgtagtcct	tggcttanct	600
ttggggaang	cttnggggca	aggtgggnatt	tgctttggaa	ncctacggan	tttcaattgc	660
ctgtnaagtg	gaagcctntg	ggaatcgttg	ccncttggn	atttccnacc	ctggggttng	720
ggaggaaaaa	aacccttntt	tntacaccac	cncncncccc	cccaaaaana	anttggccca	780
aatgtgctn	tnantaaaag	gggaannccg	aaataggggn	ttcttngtan	ttaangngg	840
caaaaaagg	gggnggntc	ctgnggaaaa	aaaaggccca	ccccttttng	tgttgngggt	900
ngggaaaaan	tttnaaaanc	ncnct				925

<210> 4880
 <211> 1170
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1170)
 <223> n = A,T,C or G

<400> 4880	
ccnannncna	nccnanncc
ncnnacnacn	cncgcccann
nnnacactc	nnccnnnncn
acnancccca	naacnccngc
naannctnncn	accaccaccg
acnncnctc	ccntnccgnc
aancgngngc	cancccgccc
aancccnncn	ccatacnca
aancnnaaac	acacacncac
nacaaaaccc	acaccgccc
aaccgcnca	ancccnacc
ncacgcnan	accacnaa
ancnacnnan	ncancccca
aacgncnnn	ccctacaccg
nccgcagcag	acatcgana
cnnacacaca	cnaacnncn
gnacnctca	nncacancga
caacnccgca	cngncacaca
ncctccanaa	cagnacncng
acnccgcgaca	naatnncaca
accnnacgcc	
accnnnnnnn	cnacnacnnn
aanancnnnc	gcnnannman
nnncnacnnc	ananncccnc
ancncttggg	nnaacnncca
nnnnagcncc	agnnncccca
ngggggcggg	ggcangggng
anaccancn	ccnnnacnnc
cgcaccncca	cnngaccggn
cnncacnca	nnnnnnccnc
nacgaccacc	caacacnccc
gacnnananc	ncnnncncca
aaccnaannn	cacancaggn
ctanncancc	cagacnannc
antnncnanc	ccacaccaat
nccnnaccac	caanacntna
nnacaantcn	atcncccccac
ancnacgan	nnccanacnc
nctannanac	ncacananac
nacacngnag	cacagacnca

<210> 4881
 <211> 795
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(795)
 <223> n = A,T,C or G

<400> 4881	
gnntttnaaa	nttttaaatt
tatacanctt	nttgttcttt
ttgcaggatc	ccatcgatcc

gaattcggca	cgagggtaga	ctggctaggg	atcctggacc	cagggttcca	cgtagcaaca	120
cctgctgagt	tctctgggtt	ttcttcctgc	ctcatgtagc	ccagacttgg	agctgaagaa	180
gctggaaaca	tggaaacacc	aacagctaca	gaccaaataa	agtcccaaca	aaggcctgtc	240
agtctgccag	cctgttctgt	ggatttccaa	ctcaagatgg	cagcatcaac	tcacacctga	300
agttctggct	tccctacaaa	ctttgaactt	gccagtcctc	acaatggcat	aagccaattc	360
cttaaaatga	atgtctagtt	ctagataatg	tgtgtattct	actggttctg	tttctctgga	420
gaagcctact	aatagatcat	ttgtcttaat	caattcaagc	tactgttaca	gattaccata	480
gactgggtgg	ttaaaactac	aaatacttat	tactcacagt	tttggagtct	ggaagtctga	540
gatcangttt	ccagcaggat	tgagttcttg	gtgaacatcc	tcttcctggg	ctacagagta	600
ctgngttact	taagtggaaa	aagtaggggtg	agctggttct	tttggcctct	tcttttangg	660
gactaattca	tgagggctnc	accctcatga	cctattttacc	ttccaaaggc	tccatctcca	720
aataccatca	caatggggga	ttagaattca	acataggagt	tttgggagga	cacaaacatt	780
tagtccttac	ancca					795

<210> 4882

<211> 789

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(789)

<223> n = A,T,C or G

<400> 4882

ttcaaaccag	cttttganc	tnttgcagga	tcccatcgat	tcgnntcaaa	canagnattg	60
tgatattgtc	aaagagaaaa	acnaatcctg	aagatacatg	gaaatgtaac	ctagttagg	120
gtgggtttt	ttctgaagat	acatcaatac	ctgacctttt	ttaaaaaat	aattttaaaa	180
cagcactactg	tgaggaagaa	cagtattgac	atacccat	cccancatgt	gtacctgccc	240
agttctttta	gggatttttc	ctccaaagag	atttggattt	ggtttttgga	aaaggggtta	300
aattgtgctt	ccaggcaaga	actttgcctt	atcataaaca	ggaaatgaaa	aagggaagg	360
ctgtcaggat	gggataattt	gggaggtctc	tcattctggc	ttctatttct	atgtgagtac	420
cagcatatag	agtgttttaa	aaacagatac	atgtcatata	atztatctgc	acagacttag	480
accttcagga	aacatangtt	aagccccctt	ttacaaagaa	aaagtnaaca	tacttcagca	540
tcttgagggg	tagttttcaa	actcaagttt	catgtttcaa	tgccaagttc	ttattttaaa	600
aaataaaatc	tacttataaa	aagaaaaggt	gcatttctta	aaaaaaaaac	ctttaaanga	660
aaatgaaaga	agaacccttt	tncangatac	ttactttgan	gactgttttc	ccctttttna	720
tgagatatag	cttaganatc	ggcgnggggn	atttctttan	taatnctctg	ggttttggat	780
ctggccttg						789

<210> 4883

<211> 732

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(732)

<223> n = A,T,C or G

<400> 4883

tcnctntcat	ctnaacnctt	tgcaattnc	ctttttgcag	gatcccatcg	attcgccag	60
ggcgngctgc	ctgagcctnt	ctgcagctgc	tcacnttttg	ctgaggcctc	tgccctcaga	120
gctagtgggg	cctgctcaca	cattccagcn	gttncctctn	tatttgnctt	gaaccaagtt	180
gtagaattta	aaggaggtga	agnaaggcga	tttctatgga	aaatatattg	nncttcttta	240
ctcctcatgc	tnagtgcata	anaatntatt	atntcccctg	aatgttcaaa	gtggtgtgtg	300
tgtgtgtgta	aaagaaccag	gagcaaacaa	tcttaatagg	aatgtgcat	cttgccgcta	360
tcttttagcac	acttaattag	ctacaaccgc	ggactgtngc	catttgaaca	aattgntaac	420
aaaatctgcc	atgttttgct	ctttttcaaa	aggaangact	cnaataacca	tagcaacact	480
tactcagntt	tgtgatccac	tccaagatta	tgggagcaag	aacagatact	cctgaaagca	540
accctcacct	cctnccccgc	ccccctgcct	cagcaagtcc	tggcctgtgt	gaactgaagg	600

gtttggaagc	tctggtttct	aggagtgcc	agaagcttga	aagactaggg	tgtactagtt	660
attgangggc	agttgtcant	ggcagtgtgg	gggcacccca	atnngtattc	canggcactg	720
cattgctttt	tt					732

<210> 4884
 <211> 769
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(769)
 <223> n = A,T,C or G

<400> 4884						
gantggtcga	actnaaccct	ttggaaantc	cctttntgca	ggatcccatc	gattcgaatt	60
cggcacgagg	gccactccgc	ctcttccctc	ccttcntttt	ttcttccctc	cccttttttc	120
cttcttctct	cccctcctcg	ccgccaccgc	ccaggaccgc	cggccggggg	acgagctcgg	180
agcagcagcc	aggtagaact	ttagacttca	tagcactgaa	ttaacctgca	ctgaaagctg	240
tttacctgca	tttgttcact	tttgttgaaa	gtgaccatgt	ctcaagttca	agtgaagtt	300
cagaacccat	ctgctgctct	ctcagggagc	caaatactga	acaagaacca	gtctcttctc	360
tcacagcctt	tgatgagtat	tccttctact	actagctctc	tgccctctga	aaatgcaggt	420
agaccatttc	aaaactctgn	tttaccctct	gcattctatta	catccnacca	gtgcagntgc	480
agaaagcata	aaccctactg	tagaactaaa	tgccctgggca	tgaaacttgg	aaaaaaacca	540
aatgtntaag	ccntgttgaa	ccttactctc	gggatgcagn	ccacctataa	ctaccaaaaca	600
tggagnangg	aaggaggttt	aaatccccc	agggnnactt	ttnncccant	ttctaantcg	660
cnancctttt	cncttnnaaa	ngngnatncn	tntangcng	nnggccagca	natntcannt	720
gnantaggnn	nancccnncn	tcctngcnga	ngaacnnncn	cnactcccg		769

<210> 4885
 <211> 719
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(719)
 <223> n = A,T,C or G

<400> 4885						
gtcttgcct	cnnaaacct	ttgcacttcc	tctttttgca	ggatccctcg	attcgaattc	60
ggcacgagag	aggggtgggt	ctggccacat	aggtnnctct	gtggctctgg	tctggggtta	120
gacactgtta	gggactagca	tttattggac	ttgtaaagac	agcacctcag	aattagtaac	180
tacttgcatt	ttanggtctg	ttntatgaan	ccaacaagt	aatgtaaaat	aggctctgca	240
tcttttctga	gagccctgtc	actgggcagt	gagcatttcc	aaaattgcag	ctctgtcana	300
atgaaccatg	aatacttaag	aaagggaaa	taggaacagg	gagcagagca	aagcataact	360
tgctgtgttc	cagggattta	aaaataaatt	actgtcaaga	gcaatataag	ggtcatgggt	420
ttgatcanga	actttttgta	aatgaaaaag	ttcacaattn	ggaaaaaaca	gtgctagatg	480
tgttatggaa	attgttatca	caaattattc	cactgaaact	caagtatata	anacaacaat	540
atattgctgn	gaaatcttan	ttntgacata	tggaaggtaa	ccaanaataa	naaccatacc	600
tttttgcttg	aagtgcacgg	tggtaccaat	ttctaaaatt	agaaacattt	aagccaaaan	660
atantnaacn	ncantacccc	ctcntngaaa	naaaaaancc	tcgnaccntt	ttgaacttt	719

<210> 4886
 <211> 783
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(783)

<223> n = A,T,C or G

<400> 4886

agnaggnntt	tcagaaagct	ggnnnaggna	gcnggnagan	gcnttgaagg	cccttgctaa	60
tngtctggaa	agctccatct	anagagnngg	anggtnggga	gcncgnnaaa	catgcngnaa	120
canctctagg	aagtngaat	ctgatacaag	ctganatgtt	gnntnatgga	nangatcnca	180
cngaattgat	tgctgtgaac	acngtgnatn	ncnngaacca	gatnaaatg	tnatatggaa	240
cnattacanc	antntgcact	gaagcaagct	ggccaagcan	gnctgcatgn	ccgaanattg	300
aatatnactg	ggcanatggg	actaanatta	aaaagccana	nnaantgunc	tgaccaaca	360
tacatntgac	tannnggatg	acttgggttc	aacgancagn	cntgatagat	gaaacccncc	420
tttccttnta	agattgggtg	nccatntncc	caaaaaacttt	atnntgtgtg	caganactat	480
ncntaaaagc	gncttgnnna	gggtttnaan	gccntanna	atcaccangc	nctantgatt	540
cngtgatgcc	atctgccaac	taggaggcnc	anctnaacnn	ctacnttaag	cactnnattc	600
nnctttgntt	cagggntttt	aancnagntt	tgataaggcn	tgaanctggg	cacctctnca	660
agaattagta	canaaacttg	gatnncaaga	ccnmatnaan	ggncantcta	ngaacacagn	720
ntccncccn	gcttaata	ttggtagaac	canctcaatn	gntatccngt	nantgnacna	780
ctn						783

<210> 4887

<211> 728

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(728)

<223> n = A,T,C or G

<400> 4887

gnnnnnnnnn	nnnnnnnnan	tnnnnggnnn	tttgcnata	nacaggctac	ttgttctttt	60
tgaggatcc	catcgattcg	aattnggcnc	gagctcngac	cttatnanca	gcatnacgca	120
tgactaccac	ctgnatganc	aggatgctga	gggcccgtg	gtacgctgga	tcattncat	180
tagtncccca	aagagccgtg	cttggcnaca	gactccgagg	gtcgttcaac	tnnggtgctg	240
tcccaaagc	tgctgaccct	gacagtggcc	atganaccat	ggngggctca	ggtcttactc	300
agnatgagct	gacagtgc	atctccnagg	agacgactgc	agatgccatc	gcccgnaagc	360
tgaggcctta	tgagctcca	gggtaccag	caaagccatg	actcactctt	tcanggcacc	420
gacacagact	cgtctggggg	cacccttgct	ncaagtgtac	tgataaccnc	tgacaggccc	480
atctggcaca	ccctttctgg	gagaagcatg	gcctacagaa	tgaacagggg	gaccaggaac	540
ccctgtggga	naggcttaa	cctgancagt	gccactctg	gntcctctg	ncttggtgta	600
ctggnctctg	gaccatgtgc	atttactg	nccatgggat	ctacatctct	tgcatnccca	660
nctggctgat	cctgccangg	nccgttncnt	cctgctcatg	gncttnagg	ngnctgatca	720
tnгааagg						728

<210> 4888

<211> 808

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(808)

<223> n = A,T,C or G

<400> 4888

ttgttggn	ncntagtnan	nnngganana	cntcntngct	ctanaagaat	tggttggtg	60
cngcacgang	agatgtgtcc	agtgcacct	gtggngtgtg	antagaaach	cctgnggnnn	120
aagtgactnn	gtnggncnn	ctggcttctg	gcangangnc	tcgtactgn	atacgacctn	180
gccacngtgt	tctnaangac	annccanan	atgggttana	ntcnctgctg	tggtggtctt	240
tantcccaca	cncnggacan	gctggtnanc	tnactgtnc	ngatgatgc	acaccngac	300
cnatnacgtc	angacgatnc	nnntcncgac	anntatggtg	aagatncctn	ccgtggtccn	360
attcttntctg	nacntnctgn	gnccatgacg	ctcactngc	tgtngagctc	gntccgtgcc	420

cangtgttgn	acatntaaca	gatncnacac	tgtcttacaa	ngggaccacc	nangattngg	480
gtctctacaa	nagancnnac	nntgatcctt	aattattctn	agggcctncc	gttgnttttg	540
gctctgcttg	gnnttntagg	ncaacgggac	aatccaacn	tnnccntttg	annancctta	600
tgaacaattt	ntgnncttca	naattnnnta	ngccntttng	nagnaataac	cnttttancc	660
tnattttgac	ctgganttna	ttccnnccaa	tgccttcgga	agntggncct	ttnnacacnaa	720
ggggaccagg	tggaaanccc	tcttgatttg	gaccaaaaaa	ggcccnctt	ggcttnatct	780
cccttaaaact	ngatnnncng	tgcnnncg				808

<210> 4889
 <211> 727
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(727)
 <223> n = A,T,C or G

<400> 4889						
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acgtaggtca	gacatgaaaa	ctattttaaa	gctgactttg	ntgccttatc	ttgaaaagaa	120
tctagatagg	tgcttttaac	tgggggatta	acttttttag	aatgacacag	ntgaacagtg	180
ttaatatag	tgtgtcaaga	ttgcaaagtc	gacatactca	tttggtttta	gcaggaatcc	240
tagaagcaaa	tggatgggga	taagaatagg	tcattttcta	ttcaccatcc	tttactatta	300
anggaagga	aaagaacact	agctaaggaa	gggaaaggga	agtgatctca	taaaagtagc	360
anccttcatt	ttacattctg	tctgttggtc	ttttcctgct	ttgccagnnt	gtgctaattt	420
gggaattgtg	tactccnaaa	caagtagaaa	agtgtgtgct	agggattnta	ttaaatcttt	480
ttntaatgga	atgtggcnca	aattgttcat	gttaccaaag	cnatatttnc	ntgggaatct	540
aattcaaagt	tngtgggnata	caacctgagc	cttttcttat	ntaacacaag	aatatgttca	600
catcttggtg	tgnngccata	tttatngaag	gctgaactcn	attgtgcaag	ttgtnctgga	660
tgcngtttgt	aaataactga	aaataatttg	gntgaccttt	ttattcaatt	ctgnatagan	720
nttaaaa						727

<210> 4890
 <211> 748
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(748)
 <223> n = A,T,C or G

<400> 4890						
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acgagcntng	cttttcttgn	nancagcagt	ttttcngnac	anatttgctt	tntnttacaa	120
aaagannacn	naaatgctgt	tgtnttaaca	tttcagaaca	ganattgtgt	tgatgtgatc	180
agtgtttggg	ggtaactttt	gcgttaattc	ctcaggcttt	gcnatttaag	gaggagctgc	240
cttagaaaann	aaataaaggc	cttattctgc	aatantngga	ntgaaccaat	attctataga	300
acatataggt	acagctgata	tcgtgtatat	nttccttana	gaatagctga	acaccttgag	360
ccttaanacg	gagctgntgg	gaaacattan	gcactctttt	atgctgttac	tcctgcctnt	420
gcttggcact	gcantcttaa	ganagattca	aaaggctgcn	aangaganga	aatctgttcn	480
nggaatgttt	cacnggccna	taagatgcnc	naanactctg	tnctcngatg	tntgcctggg	540
cccnatgtgn	aaggngaggt	gcctgctcgt	tcttgcnctt	ntgcctctna	gnacacnadc	600
agtnnnccct	tcaagacntt	ccacttgnnt	aanatattta	tnnatgncan	gganaaggct	660
ttaantnnat	nnggacaaat	aatgcttttag	ttttnttttc	caaattaggc	ccttntttta	720
aaacaagggt	ggntgnannn	tccctcna				748

<210> 4891
 <211> 748
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(748)

<223> n = A,T,C or G

<400> 4891

ctncttaang	gcttggcann	tcnttttngc	ncgcanncca	angngmntgg	gagccactgc	60
gcccggccaa	ngacactttc	aaatactcat	gatnggatat	gcctctgtga	ttgacagtga	120
gcatttcaaa	tgggttaaag	attgctctgc	aaagaggtta	actgtngaga	ttgatacagg	180
ctatcttcaa	catatgtaca	ttgctgtata	tgacatttac	ctaccattgt	gcactctggga	240
cttctctgat	gaccacagga	attccctttt	cttcccatc	tcttccagat	ctttcttcta	300
cttgaacccc	cttatctaca	aaaatgaata	aacaacccaa	tctcatttct	gatcgngtcc	360
tgggaattgat	ctaaggcaan	gtctggagaa	gtgggtggag	acagcanaca	gctttngtta	420
agtcttctaa	ccccagcact	ttctcagcct	catctgngng	ttcctgtctc	actctgcaga	480
cctcacttna	caatgctctt	cagatccttt	aatgaatagg	aaattgattt	tgggtatttc	540
tatnaaatac	agcagagtct	tagaaaactg	cagtggcctt	nanangaaa	aaccccttct	600
taactncctg	gccagattna	tctttctttt	atgggntcna	acactaactg	ggaanttttn	660
cccatgggan	ggtatttgng	cctttcagac	tggctttttg	nngaactggn	tttggaggga	720
cataaaccgt	aggactggtn	atanttttn				748

<210> 4892

<211> 714

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(714)

<223> n = A,T,C or G

<400> 4892

ttgncnnctt	aatggctnng	ctacttgctc	tttttgcagg	atcccatcga	ttcgaattcg	60
gcacgaggtc	tcataaccnt	nttngacanc	aataannmna	cgncnagaac	cttnnnnaan	120
tcggnnaatc	tgnccatacn	ccacacggan	ctaactctngt	ncnngacatt	ananccttnaa	180
ngcatgcgag	tttntaana	aggcngttnt	ctttccaaag	tggtngccaa	ntttatnact	240
tatgtgnana	attgnttncn	gatgactgcc	anaaggcttt	tnaagatcta	nnctgtgtgna	300
ggaagtntn	taagaaaatn	gctgnacnan	ttgctanata	nttgtnggcc	atatntnatn	360
antgtaccan	ttgatacttg	gctgtncctt	ctataangca	tagtgagaan	ttncnctanc	420
gantttnta	aatgctnttc	nggtnacatt	gccagaatn	tgttgcnnc	naatgnntaa	480
taattntacn	ngatngaacy	tctacctagg	cttaggactc	aagctnnatg	gaatgctgtg	540
tagnacacat	ttgtaaccgn	gnccgacatg	gaaatngtgg	gnaaacngan	ntttcctgng	600
aaananaact	caggttttac	tttngcagg	gcantncnnn	atntntcnn	ccctacaact	660
gtgtgagcgn	agntnccttt	ntcncacttg	tgggatacnt	ggntaanncg	gcc	714

<210> 4893

<211> 778

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(778)

<223> n = A,T,C or G

<400> 4893

agngnntnnn	nggttctn	tctcctngna	aacccttaat	ggcttggcta	cttgttcttn	60
ntgcaggcag	cccatcgctt	cnaatncggc	acgagcntat	gtnatgctnt	cacctccctt	120
gtgtaggaaa	gacctttaac	taccagctgg	tagtngtctc	ancattcttc	aaatagtcgg	180
gtcttgttta	atattattat	tattatngtt	atttaatttt	atntatttgc	aactgtactt	240

agagaatagt	ctggctctga	gaccttttca	ctgnggtctg	ntctgggtga	cggtcccccac	300
cagtgtgaag	cagaaggatg	actttgtctt	gttgtcagga	caaccttgaa	ggaaggagcc	360
aaatgtgtgg	aggtctgtgg	gaagagagag	ccacctagca	tgtccccact	gaaccagtca	420
gcaagaaggc	cttccccagg	aggcctccaa	cagatccctg	aatgccacat	aaacctcana	480
ggcttggnga	tcccaggacc	ctccaggcgc	tcaagatctc	cctttgccgt	ggtcctttcc	540
gtcatcacac	tggccacagt	cctctccaat	gcctntgtac	tcaccaccat	cttaactcac	600
caggaaagct	tcacaccctt	gncaactacc	tgattggctt	nccttggcca	ccaccgaccn	660
cttgggtttt	ccatcttggg	taatgcccc	tcangcattt	gccttattcc	catttaaccc	720
aacannctgg	gaacttttgc	caaaatcttg	nngtgaacaa	tttggctggc	ctcngacn	778

<210> 4894

<211> 787

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(787)

<223> n = A,T,C or G

<400> 4894

gncaggctct	tggtcttttt	gcaggatccc	atcgattcgc	tagactgcta	tgantagtga	60
tgancancat	ctcagnctgc	caagggagaa	catgantccn	catgaacaaa	ntnggttccc	120
tgancagggg	gaaatgnaat	gctgagactc	acancaggng	gtgcgnctta	nngacctntn	180
nctgnannga	nanantgnag	gccacnatac	actngatgan	nnaatggact	nnctcttnaa	240
agtgcgtgna	ntgctnctgc	cataantata	gtanatatna	canttgcctt	ggtccnnctt	300
ctacctnaga	atgctgtgtc	ttacgctctg	tcttcccana	tctcccanna	nttgggaann	360
tctgaggtca	gagggcaaaa	ngagaacctt	ttaattctga	ntctgacata	atcagatctg	420
gaaccagtgt	nnaagctgta	anacttatgc	angcgtaagg	tgggttggtg	tttaagcctt	480
atgntagctg	tggntntcta	aaanantntg	aatntatctc	tgtcatagn	tttgacctgc	540
atttgctaan	ngngtcnnta	anggatgtgg	ngannntggn	anttncccca	tgcattccna	600
gngtctnngc	cnntanaaac	cnggnccaat	tgaagttcaa	cntttaactt	tnggcctgta	660
naggaccatt	tggccatnng	tgnccttgtt	taaagggaac	gaatnttgng	aatncgatta	720
agccatttnt	aatttccctn	nttggccttn	aatccccctt	ggaattcttt	nncngggaac	780
ccctttt						787

<210> 4895

<211> 863

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(863)

<223> n = A,T,C or G

<400> 4895

nngtcnctt	ttncaannc	tngganaccc	gttctttctc	nanacannaa	gntctnatgc	60
tgnggcacga	ggtctcnagt	tttttttntt	tgntngtnga	nacaggctcg	ctctgncgcc	120
cangctggag	tgcanngcg	cantctcggn	tcaactgcanc	ctccacctcc	cgggttcacg	180
ccattctcct	gcctaancct	cccagtagc	tgggattacg	gccgcccncc	accactcccg	240
gctaattttt	cggatttttt	agtngataca	gggncttacc	gtgttagcca	agnatggctt	300
cgatctcctg	acctnttgg	tccaccacc	taggccttcc	aaantgctgg	gattacaggc	360
ctganccact	tgcgcccggc	acattcaggt	tcttatcaan	gaaataaccc	agactttaat	420
cttgaatgat	acnattatgc	cccaatgttt	aagntnanaa	aaatttcctt	aaaaaggtta	480
tctttaaaat	nagnatcttt	anngcnaaaa	tacccaagct	tgatggaaag	gccatcttgg	540
atgcccttnc	attcttgtnt	caattccatc	ttcccaaana	nccagggttcn	aaantaaccc	600
cctttnttgg	ttggggcnat	atgnaaat	tttaaaggga	gttnaattcc	aanatggatt	660
nnaaaccaga	ctgccntgaa	ttgganaaat	tnntgatttc	cttcaaaatt	gtgggttctt	720
ttctaaantt	ggctggnccc	ttaatttgg	ttaatttaaa	tccatgntat	tattgattaa	780
atctngangc	angatgaaac	tttaccagtn	ttggaaatta	attactaant	taatcncaaa	840

tatntnnaan tttttccttg atc

863

<210> 4896

<211> 723

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(723)

<223> n = A,T,C or G

<400> 4896

ttntntnttt	caaatttcaa	atnctaggct	actngttctt	tttgcaggat	cccatcgatt	60
cggtggaact	gagtgccact	cgtaagaatg	ccagcaacat	ggagtacagg	atcaataagc	120
cgagagctga	ggattcaggc	gaataccact	gcgtatatca	ctttgtcagc	gctcctaaag	180
caaacgccac	cattgaagtg	aaagccgctc	ctgacatcac	tggccataaa	cggagtgaga	240
acaagaatga	agggcaggat	gccactatgt	attgcaagtc	agttggctac	ccccaccag	300
actggatatg	gcgcaagaag	gagaacggga	tgcccatgga	cattgtcaat	acctctggcc	360
gcttcttcat	catcaacaag	gaaaattaca	ctgagttgaa	cattgtgaac	ctgcagatca	420
cggaagaccc	tggcgagtat	gaatgtaatg	ccaccaacgc	cattggctcc	gcctctgttg	480
tcactgtcct	caggggtcgg	agccacctgg	ccccactctg	gcctttcttg	ggaattctgg	540
ctgaaattat	catccttgng	gtgatcattg	ttgtgtatga	gaagaggaag	aggccagatg	600
aggttcctga	cgatgatgaa	ccagctggac	caatgaaaac	caactctacc	aacaatcaca	660
aagataaaaa	cttgcgccca	tagaaacaca	aattaagtac	tgcttacaat	atcttttangn	720
tcc						723

<210> 4897

<211> 771

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(771)

<223> n = A,T,C or G

<400> 4897

gtttannacc	agctcttgnt	cnttctgcan	gancgatncc	atcnatnnnn	attccgnncn	60
agggggctga	ngcgnccgag	gacagctcgc	gatgagnggn	cnacgaaggc	tcntctgnac	120
tggnnncann	gtnnanngnn	ctnnctcngn	gtatncngtt	cncannctna	ncgatncatg	180
tnctntactt	gatcnggata	naactgtatn	agaaccaang	nacttnncan	nngctactga	240
ccntncccat	gtncnnctgc	acgtagttgg	atagatanca	ctaccnntna	ccagntcgat	300
gaacccgatn	ngtcctgcag	ctggtncana	ctgtctgngc	anctnncnnc	ttgcagttgn	360
accttnnggn	ccttgttaat	gncactacca	ntgtgctgtc	cttatgccat	ggatgttgnt	420
cccagatctg	tactaacnnc	tnccaggaca	tggccaattt	gggtagcccc	tnantgnaga	480
tgnnctgacn	ntganatcac	tgatnactan	atggggctca	ncgtgattta	catgccactc	540
ttggtnatat	ggtcttantn	gatgnnanct	ngatgntggn	caaccttntg	gaatgaccta	600
natgagctgg	anccatgaaa	ganattgncn	caagcattnc	ccnntgacgg	ngantatggg	660
ctnantnccc	ttattactat	tncttntgtg	gacttnttan	taanattctg	caaagctcan	720
gtccaaattg	natnaccttt	ngnaggcann	accnttcatg	gntnttgtgn	t	771

<210> 4898

<211> 732

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(732)

<223> n = A,T,C or G

```

<400> 4898
gnttntntnt ttnaaatctc angctacttg ttctttttgc aggatcccat cgattcgaat      60
tcggcacgag actgtcctt cattcccaag aagaaaagac aagtactgct acttccaaaa      120
ctcagacacg acttgaagggt gaagtgactc ctaattcctt gtcaaccagc tacaagacag      180
tgtcattgcc attaaagctct ccaaacataa agctgaatct cactagccct aaaaggggtc      240
agaaaagaga agaagggtgg aaagaagttg tacgaaggtc aaagaaattg tctgttcag      300
cctcagtggg gtcgaggata atgggaagag gaggatgcaa catcactgca atacaggatg      360
ttactgggtg ccatattgat gtggataaac aaaaagataa gaatggcgag agaatgatca      420
caataagggg tggcacagaa tcaacaagat atgcagttca actaatcaat gcactcattc      480
aagatcctgc taaggaactg gaagacttga ttctataaaa tcatatcaag aacacctgcc      540
agcaccaaat caattcatgc taacttctca tctggagtan gtaccacag cagctttcag      600
ttaaaatgca tttnctttgg gtgctccaac tctttgnaac ttacanghg aacaaccgtt      660
ttctacngtt tcaanccnt ttattaaacc tttatnagga atgttcttaa aaaaaaaaaa      720
aanaaaacn nt                                                                732

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```

<210> 4899
<211> 751
<212> DNA
<213> Homo sapiens

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```

<220>
<221> misc_feature
<222> (1)...(751)
<223> n = A,T,C or G

```

```

<400> 4899
nggagggnntn nnnnntnata gacagctact tggtcttttt gcaggatccc atcgattcga      60
atnccgcneg agcctgtgtg ggggtgcngt acattgcana cgctctagn acctgttgtg      120
atgaactntt ntcnatggag agantcactc nngnctanc ancggnnccg gnggatcaag      180
aganacngtg tancnctcng aggatataac tnnncaagat ntactactga tgcancnat      240
tntngccttn nacntgnggg cattacacnt gctnntgatg ntagntnnaa atgnnttaac      300
agnanncnnc cnattcatga ctgccgtggg atctaaggga atcaatgcc aactgtntacn      360
tntggactct naaagctaatt attgtacatg gtctatcagt ccnggaaatn tngcttataa      420
tatnmatgng ncnttttaat gacntntatn nnnnagatcn ctacttttn cnaagggtc      480
ataatgagat tcacgaagtn tgcttacnng agagcanaca tccggtnatn atactgaaan      540
tcctgtggnn atnaaggntt ttgaacactt gcaattattt gaattaattc agcnctgtgt      600
aagaactncc aggaagttca cananagant ccattntgtt gaaactgcct ntggatanta      660
ctccantgnt gnatgctctg ntganatctt ccanntgggc taccgattna aggccatggt      720
caagntnctc acttngcagg nctgaattac c                                                                751

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```

<210> 4900
<211> 719
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(719)
<223> n = A,T,C or G

```

```

<400> 4900
gtcttgcct cnnaaacctt ttgcacttcc tctttttgca ggatccctcg attcgaattc      60
ggcacgagag aggggtgggt ctggccacat aggtmctct gtggctctgg tctggggtta      120
gacactgtta gggactagca tttattggac ttgtaaagac agcacctcag aattagtaac      180
tacttgcatt ttanggtctg ttntatgaan ccaacaagtg aatgtaaaat aggctctgca      240
tcttttctga gagccctgtc actgggcagt gagcatttcc aaaattgcag ctctgtcana      300
atgaaccatg aatacttaag aaagggaaa taggaacagg gagcagagca aagcataact      360
tgctgtgttc cagggattta aaaataaatt actgtcaaga gcaatataag ggtcatgggt      420
ttgatcanga actttttgta aatgaaaaag ttcacaattn ggaaaaaaca gtgctagatg      480
tgttatggaa attgttatca caaattattc cactgaaact caagtatata anacaacaat      540

```


atattgctgn	gaaatcttan	ttntgacata	tggaaggtaa	ccaanaataa	naaccatacc	600
tttttgcttg	aagtgcacgg	tggtaccaat	ttctaaaatt	agaaacattt	aagccaaaan	660
atantnaacn	ncantacccc	ctcntngaaa	naaaaaancc	tcgnaccntt	ttgaacttt	719

<210> 4901
 <211> 719
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(719)
 <223> n = A,T,C or G

<400> 4901						
gtcttgtcct	cnnaaacctt	ttgcacttcc	tcttttttga	ggatccctcg	attcgaattc	60
ggcacgagag	aggggtgggt	ctggccacat	aggtmctct	gtggctctgg	tctgggggta	120
gacactgtta	gggactagca	tttattggac	ttgtaaagac	agcacctcag	aattagtaac	180
tacttgcatt	ttanggtctg	ttntatgaan	ccaacaagtg	aatgtaaaat	aggtcttgca	240
tcttttctga	gagccctgtc	actgggcagt	gagcatttcc	aaaattgcag	ctctgtcana	300
atgaaccatg	aatacttaag	aaagggaag	taggaacagg	gagcagagca	aagcataact	360
tgctgtgttc	cagggattta	aaaataaatt	actgtcaaga	gcaatataag	ggatcatgggt	420
ttgatcanga	actttttgta	aatgaaaaag	ttcacaattn	ggaaaaaaca	gtgctagatg	480
tgttatggaa	attgttatca	caaattattc	cactgaaact	caagtatata	anacaacaat	540
atattgctgn	gaaatcttan	ttntgacata	tggaaggtaa	ccaanaataa	naaccatacc	600
tttttgcttg	aagtgcacgg	tggtaccaat	ttctaaaatt	agaaacattt	aagccaaaan	660
atantnaacn	ncantacccc	ctcntngaaa	naaaaaancc	tcgnaccntt	ttgaacttt	719

<210> 4902
 <211> 779
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(779)
 <223> n = A,T,C or G

<400> 4902						
tcattcnntt	nctagnnctt	gggtgcgganc	cntcncttcg	nattcggntc	naggtcttca	60
ctgntggctg	gttcccaagc	aggantgncg	agctctggtc	ctntcaaaac	tnaagggtcg	120
cttgaacntg	acntagactc	ctaattgcctt	gtttgcncna	ctacngaacc	ntncnataga	180
catcgnnnnn	tcngatngtg	acacagnctt	ngncnatcnn	tatacngnnn	cngnctntat	240
antaaggntt	ntnggantnt	ggacgnacgt	ngtcnagatg	natagactca	gactcatctg	300
atgtgatgat	aagacagaan	tgagngccn	gacntgantt	gtctgcagga	tgngtctgaa	360
ncnnatgtnc	ctgtgtgtga	tcttaaagat	gtgaatgctn	tnagnncnnat	nnccttaatg	420
nntgnnacga	gttcgacaag	atttgcgatt	gacttccana	ctntacncnn	tgntgntcct	480
gntagatggc	ntaaanact	tggnctctcn	atgtggctcat	atggagaacc	ccttnctgng	540
ncgancnttg	ntcangcctn	gncttttcnc	ctggaagnag	gntcccaact	tnggcttgcn	600
caattngggc	naatggcatt	ncccttttgg	ggngnncnc	cnancttggt	nggttnaacn	660
ttcctaagg	gccaanaanc	cnttttnact	cccccttnc	ctgcccantt	ctcaatccac	720
ctntnaattt	ccnaagngg	ttntaaaaac	tntnaaacct	tttcnanaaa	gcccctnct	779

<210> 4903
 <211> 779
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(779)

<223> n = A,T,C or G

<400> 4903

tcattcnnnt	nctagnnctt	ggtgcgganc	cntcncttcg	nattcggntc	naggtcttca	60
ctgntggctg	gttcccaagc	aggantgncg	agctctggtc	ctntcaaaac	tnaaggctcg	120
cttgaacntg	acntagactc	ctaatagcctt	gtttgcncna	ctacngaacc	ntncnataga	180
catcgnnnnn	tcngatngtg	acacagnctt	ngncnatcnn	tatacngnnn	cngnctntat	240
antaaggntt	ntnggantnt	ggacgnacgt	ngtcnagatg	natagactca	gactcatctg	300
atgtgatgat	aagacagaan	tgagngccn	gacntgantt	gtctgcagga	tgngtctgaa	360
ncnnatgtnc	ctgtgtgtga	tcttaaagat	gtgaatgctn	tnagncnnat	nnccttaatg	420
nntggnacga	gttcgacaag	atttgcgatt	gacttccana	ctntacncnn	tgntgntcct	480
gntagatggc	tntaaanact	tggnctctcn	atgtggatcat	atggagaacc	ccttnctgng	540
ncgancnttg	ntcangcctn	gncttttcnc	ctggaagnag	gntcccaact	tnggcttgcn	600
caattngggc	naatggcatt	ncccttttg	ggngncnc	cnancttggt	nggttnaacn	660
ttcctaagg	gccanaanc	cntttanct	cccccttnc	ctgcccant	ctcaatccac	720
ctntnaattt	ccnaagngg	ttntaaaac	tntnaaacct	ttcnanaaa	gccctnct	779

<210> 4904

<211> 779

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(779)

<223> n = A,T,C or G

<400> 4904

tcattcnnnt	nctagnnctt	ggtgcgganc	cntcncttcg	nattcggntc	naggtcttca	60
ctgntggctg	gttcccaagc	aggantgncg	agctctggtc	ctntcaaaac	tnaaggctcg	120
cttgaacntg	acntagactc	ctaatagcctt	gtttgcncna	ctacngaacc	ntncnataga	180
catcgnnnnn	tcngatngtg	acacagnctt	ngncnatcnn	tatacngnnn	cngnctntat	240
antaaggntt	ntnggantnt	ggacgnacgt	ngtcnagatg	natagactca	gactcatctg	300
atgtgatgat	aagacagaan	tgagngccn	gacntgantt	gtctgcagga	tgngtctgaa	360
ncnnatgtnc	ctgtgtgtga	tcttaaagat	gtgaatgctn	tnagncnnat	nnccttaatg	420
nntggnacga	gttcgacaag	atttgcgatt	gacttccana	ctntacncnn	tgntgntcct	480
gntagatggc	tntaaanact	tggnctctcn	atgtggatcat	atggagaacc	ccttnctgng	540
ncgancnttg	ntcangcctn	gncttttcnc	ctggaagnag	gntcccaact	tnggcttgcn	600
caattngggc	naatggcatt	ncccttttg	ggngncnc	cnancttggt	nggttnaacn	660
ttcctaagg	gccanaanc	cntttanct	cccccttnc	ctgcccant	ctcaatccac	720
ctntnaattt	ccnaagngg	ttntaaaac	tntnaaacct	ttcnanaaa	gccctnct	779

<210> 4905

<211> 720

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(720)

<223> n = A,T,C or G

<400> 4905

ttgcnaactt	aatggcttg	gganactngt	tctntctcna	ggntgccnng	cgtttcgcaa	60
aaaggcaaag	accaagacca	ccaagaagcg	ccctcagcgt	gcaacatcca	atgtgtttgc	120
catgtttgac	cagtcacaga	ttcaggagtt	caaagaggcc	ttcaacatga	ttgatcagaa	180
cagagatggc	ttcatcgaca	aggaagattt	gcatgatatg	cttgcttctc	tagggaagaa	240
tccactgat	gcataccttg	atgccatgat	gaatgaggcc	ccagggccca	tcaatttcac	300
catgttctcg	accatgtttg	gtgagaagtt	aaatggcaca	gatcctgaag	atgtcatcag	360
aaacgccttt	gcttgctttg	atgaanaagc	aacaggcacc	attcangaag	attacctnag	420
agagctgctg	acaacatgg	gggatcggtt	tacagatnan	gaantggatg	agctgacaga	480

gaannccctat	tgacaaaaag	gggattcaat	ncatcnagtt	cacacgcntc	ttgaaacttg	540
gagccaanac	aaaattactg	aaaggaactt	agctaaanct	ttncanttcc	atggcttact	600
ctttttactt	nttaaacctt	ccccnccttt	tanaacntnt	gnattncaat	taatttaana	660
attttggccn	tttttttttg	gggggtttnt	nccanctttt	tncctttgnc	tttgggtaan	720

<210> 4906
 <211> 1593
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1593)
 <223> n = A,T,C or G

<400> 4906						
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ttttnggcca	ggggggaatc	ccccnatnc	cggnaatttt	cccgggaaaa	tttnccgggg	120
gccaaaccgga	aggggaattt	ggttaagncc	aaaagggttt	ccaaggccta	aattggggng	180
aaatntgggg	ctctttcnct	catcnanggc	actactncnt	cgtcntaac	aanannannn	240
tatntanntt	tntatacctt	atcanncaca	annnnctcct	nctacntacg	tatacatntt	300
ataatnnnat	ttanctatcc	atnctactnc	cctcantcnc	ttataantac	ctntcctact	360
cctacatatn	gacncnctga	ntnttnnctn	anacnaancn	ncntntnnha	tntnttctct	420
attanttaaa	annntccnnc	tagtncttat	atantatcan	tacttnntct	atnaccgatc	480
acntcntaan	cnttatcttt	cntatntacn	ctacnnatnn	ccatnattat	cgtctnattt	540
ancttntnat	ttactacang	antgntctat	catnctcnna	tancnacncn	tctnntccat	600
actnncnatt	tgacnacngn	ancatngttg	ttctccttat	ncatgntcgt	ttnatacann	660
actacattat	caatnatntc	nctnantatt	cnaanntacg	cantncncat	nnctactcan	720
nnanncnnta	cctactnant	tctnacnatg	tctntgttaa	ctatattaac	cgtnccgnacn	780
tanacatcaa	gtnnacatac	ntanccngan	acataccaaa	ncnatannnta	acatacncnt	840
nacttacana	nngacnattc	tactacatca	atctacctnt	ctgtaangna	cccttttatga	900
tactaccaaa	ancatncgnt	ctacttctct	cactcctnac	ncatacnant	nttgcattnng	960
cnatcncacg	tannnncccta	cactatagct	annnttgntc	tcnttttntc	tcactantcn	1020
ncactntnta	natanntant	ctntctnann	gnctctgtng	tnaaactcca	cgcantaca	1080
ccgctcnnaa	ntccctacc	canctnnctn	tatcccttcc	nnmntnaann	tatangtctc	1140
tatatacnct	ctncanantn	acatctntta	ttctccncta	tgctccctttc	aacaaaatac	1200
acannanact	nactcttctn	aacatangac	atactncggn	tctanantca	tcanntant	1260
cananantnc	ntacnnantc	ancttcttta	nnanaccnnc	gtatntntct	tntctnnnat	1320
ctntntncnn	tntctaaatt	tagttncctn	cctcncatgt	nttancncaa	nacactntca	1380
tnatcgcan	ttcnatacna	atacntannt	acatntcatn	canntnnatt	actnaangac	1440
atanngcca	tataactan	gattgtaaca	ttcatnanna	ncnnncngnat	ntacacntta	1500
ttctctatat	natacttgn	atntcacnnc	ttctntcnat	ctntacnann	tcangttnn	1560
ancacnatct	ntctnacntc	ancctccaaa	ccc			1593

<210> 4907
 <211> 749
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(749)
 <223> n = A,T,C or G

<400> 4907						
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ttcggcacga	ggttcctgat	atggcnggct	atcctcacat	gtcgttacat	tnatcagga	120
ttggatggaa	catcattcag	aggtcctttc	acgggcaatt	ttgaggaact	gattcatttg	180
gaagaaagat	taggcaatgt	caatcgtgga	gcaccccang	ggacaattga	aagatgtaca	240
tatccacata	aatacaaaa	ggttacaact	gattggttct	cacagaggaa	actgcactgc	300
aaacaagatg	gggaagaang	gactgaggaa	gacncacagg	aaaaatgtac	tatctggtng	360

nctatnttag	aggaaggtga	agatgtgaga	cgtcttgc	gtatgcac	tttccacaa	420
gtgtgtgtg	accaatggt	gattccaata	agaantgcc	catatgcac	gtggacattg	480
ngcccatctg	ccaagtga	gntgacacca	tggttnana	ctnttgcc	ccctctcatc	540
ccattacttc	ctgntgctg	acttcaacnc	nnagatggca	tgacttac	gcgcagattt	600
ggaagcattg	naacttata	tgctgncnt	gctatatgg	acaacttat	cttagaccta	660
cagtttatgt	atcaagtgg	tttgangtnt	tatnaaagc	tttttctag	attgaentt	720
tcngetcant	tactggtnt	tcnnggtc				749

<210> 4908

<211> 789

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(789)

<223> n = A,T,C or G

<400> 4908

ttatnctgn	nnnttttna	aannatagc	acttgttctt	tttgcaggat	cccatcgatt	60
cgaattcggc	acgagccgga	acaaggacca	ggaggtgaac	ttccaggagt	atgtcacctt	120
cctgggggccc	ttggctttga	tctacaatga	agccctcaag	ggctgaaaat	aaatagggaa	180
gatggagaca	ccctctgggg	gtcctctctg	agtcaaacc	agtgggtggg	aattgtacaa	240
taaaattttt	ttggtcaaat	ttaaaaaaa	aaaaaaagcc	tctagaacta	tagtgagtcg	300
tattacgtag	atccagacat	gataagatac	attgatgagt	ttggacaaac	cacaactaga	360
atgcagtga	aaaaatgctt	tatttgtgaa	atttgtgatg	ctattgcttt	atttgaacc	420
attataagct	gcaataaaca	agttaacaac	ccaattgcat	tcattttatg	tttcangttc	480
agggggagggt	gtgggaggtn	ttttaattcg	cggncgccc	gccaatgcat	tgggcccggg	540
cccacttttg	ttccttttagt	gaggggtta	tgcgcgcttg	gcgtaatcat	gggcatagct	600
gtntcctgtg	tgaaattggt	atccgctcac	aatttcnca	caacatacca	acccgggagc	660
cntaaagtgt	aaancctggg	gggtgcctta	tgaagtgagc	taacctcaca	ttaaattggg	720
gttgcgctca	ctggncacct	ttccagncgg	gaaaccttcc	ttgccaanct	ggcatttaaa	780
gnaatnngg						789

<210> 4909

<211> 1214

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1214)

<223> n = A,T,C or G

<400> 4909

gcncctcccc	cttnttnaaa	cnntttnaaa	acccttggtt	aaacccttc	nnattnctna	60
tngettggn	ctacctnctn	nacctnannt	nnnatncac	ggntngcnnt	tttncacgtt	120
ttncnncn	cttntnact	cagcaacttt	ntnacnctta	atntgcant	nntctnctan	180
cggnnggcn	anantanatg	gnataacang	gntgtcnncn	gactgntcct	ggcctnagna	240
atancatctn	tnatggntaa	ncacannttn	tccanagcnn	aatagnntng	nggccnctg	300
aanccccaan	ncctnattnn	cagcaccac	ctttattatt	nantatgna	tcataccanc	360
tcgannnct	atnggtggnt	ntctngngcc	antgnaatat	angccgcagn	catntngnnt	420
aacgntatcg	ntgcaacant	cnntccaact	gnaacantng	ctcntnnctt	cgccactnnt	480
aatanttncg	ntcattacca	agtatnanaa	ngntatcttn	tnacactaa	ntnagcgngc	540
ncaaagntng	natnatcact	cnatcnata	actnnnantn	atnnnnnang	gtncaanatc	600
tttntanant	cnntatattt	atantcnant	tnantnnna	attcanntgc	ttgnnancac	660
atgnanncta	nnntanntn	annncnntat	ntcttttatn	gctnttcccn	tttnnantnc	720
anttagacnn	tacntnncnn	tnangcgcn	ntattaanca	acannannnt	tnnantcann	780
tnctcntn	cgattctntc	gncnccntc	actgcncnn	ntnntcnent	nnctntnccn	840
ntnctnnnn	ngtcnnnnt	ntctcttct	tcagncnctg	tcagctctcn	atantannac	900
gtatactntc	tnctntann	atactcgana	cacactgntg	atatannctt	ntntacatct	960

atcantacgn	ncnanatcat	anantnntcn	atanctctca	cactctntca	cgatngtntc	1020
atcgccaccac	ttcggnactc	atagatntnn	atatanntac	cnngtgntan	tctnntnnat	1080
cantaanaan	gcangcacga	cgnacatctt	gctntcnnnc	natntcnnct	ctcnatnatn	1140
nantnacact	aancacnata	cncactaact	atattactcn	catntcanen	ctactctatg	1200
actctancta	ngcc					1214

<210> 4910
 <211> 1192
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1192)
 <223> n = A,T,C or G

<400> 4910						
gnnaaggggt	nnncnttntc	ttntctgct	ttgngtcac	gtcntcgacn	gngnctcngn	60
ctgntctaga	tgacctctcc	gcttttttn	catngaaaag	ctcnanacnt	gtnnctaaat	120
ataannctna	agannggacn	ctanaaanng	ctcactatac	atgctcaact	aaacnncccc	180
tgantatat	gcgctaggng	aagcatgctc	ntnactaga	caattgactc	tgctttagnt	240
aattccnatt	ccggaaactc	gcgcaaccg	gtnnccctgg	gacctcctat	ctcntngaaa	300
cgatgaaaaa	gcccaccct	tttagngtcn	cncctngagg	aaatngggcg	cattggggcg	360
nattcgccct	ccaaagggaa	aangnggggt	tagacncang	nccttttcac	ccctngggna	420
gnggttgnaa	gnggaatagg	gnctcnaaat	ccccnaatt	tcctnnngnt	nnaaatgggg	480
gccacctcng	taaccantcc	cttggtgggg	gaaaaatttn	gccttnatta	ncccttnact	540
nngggnaaac	ctttncggga	atngttangc	aaaaattttt	tggcttgggg	gccttttttg	600
ggcctaagg	natttcnggg	ggntttancc	cccaaattn	tttcgtnggg	gncaanattna	660
ccaagnnnn	ccanttggan	accccaattg	gttgggccct	ncccttggg	ttntnggggc	720
ttaccttana	aaaatnctcn	gagggggcnt	taaanccttg	gtnggaacct	ttttttggaa	780
aaggttttcn	ccngggnnnt	nccnttttna	aagggcggtta	atancccnng	ggtcttagtt	840
tnngnanaaa	anccaatntt	nttcnccnaa	attgggtttn	ggggcntttg	gtatecccc	900
gnaaattncc	aattncaaaa	aatttcccnt	ggggnnccaa	ttttncnta	ancccttttna	960
aaccgggtta	aaacctnggn	ggggncnat	ttnttttngg	ggntnnaana	atttgccna	1020
accgttntta	accttnttnc	ccctttaatt	cgngntttnn	cccanmmtt	tttgtngcc	1080
cctaaacgng	cntaaccagg	ggacctttt	nggggaaanc	ctttntccat	ganaaccctt	1140
tccttaaaaa	aaggnggtgn	cnacctggg	aggaancatt	nnttggggaa	tn	1192

<210> 4911
 <211> 1006
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1006)
 <223> n = A,T,C or G

<400> 4911						
gcncannccg	annncncan	ccannccnnn	ncnacnccn	aaacgnnana	agccgacgcc	60
acangncccc	gcgancgccc	aggctgaanc	ttgcnttcaa	aagctggaan	cgacacgctn	120
nagnncnagc	nacngcncgn	gnacagaggc	ccatgtncag	nctccaagac	cnncangaca	180
ccgcccaatg	ggaagccccc	gnggncngga	ggcgcacagg	aagaagggga	tnggggcagg	240
aanaagcca	nggcccaagg	aagaccggag	gaccanaag	gncaggaaga	gacacncacg	300
cncgncnca	cannnncgn	acaaganacn	ancangggga	gcgacnagcn	aacanncaca	360
gnangagaag	ngancacat	gngcgacgna	nncacacgca	ccnagcgngc	nagaatggac	420
ncanagacca	canngtgaga	annaagccnn	agacganaag	aacncangng	ccgcangcnc	480
ccngagaggn	cccccccg	canaacatgn	cancnactac	accngncnna	cnaaggggac	540
tcaggngata	ngaaggcncn	acancgcng	naggnaaaac	ngcacacnc	nggaaacnnn	600
gaacctgna	angnnnncnc	aaaaaaacn	cangggnaga	aaagagcaaa	gngcgngcac	660
gcagggggnn	cgnaannana	aaaccnngc	aggngaaaac	cacngggcta	naaccaggnc	720

ncaagnnac	ggaanaacaa	cgagcnaaag	nnacactaan	gaaagnngng	cgcaacngna	780
aaggggnaac	nancncang	ncncacgcan	gggaaacnan	cgnnnaccga	naaaaggggc	840
aanngagncn	ccnnggggaa	aaggcaccaa	naagctataa	cccagagca	gagnnnanng	900
ccccncgcca	gagaaanccc	agagnaanna	ngacgnaann	aancntcnaa	naaacagcgc	960
ncaaaangcg	tggnacannn	caaacancna	acncngnna	ancccc		1006

<210> 4912

<211> 757

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(757)

<223> n = A,T,C or G

<400> 4912

tnaatatcag	ctcttgttct	ttttgcagga	tcctctgatt	cgcanagagg	tgttcgactg	60
ctngagccna	gcgaancgat	gcctaaatca	anggaacttg	nttcttcaag	ctcttctggc	120
ngngattctg	acagtggagt	tgacananag	ntaancagga	aaaacaagtn	gctccagaaa	180
ancctgtaca	gaaacataag	acaggtgana	cttcgagagc	cctgtcatct	tctaaacaga	240
gcagcatcng	cagagatnat	nacatgtntc	atattgggaa	aatgaggcac	gttantgttc	300
gcnattttta	aggcaaagtg	ctaattgata	ttanagaata	ttgnatggat	cctgaagggtg	360
aaatgaaacc	aggaagaaaa	ggtatttctt	taaatccana	acantggagc	cagctgaang	420
aacagattct	gacattgatg	atgcagtaag	aaactgtgaa	attcgagcca	tataaataaa	480
acctgtactg	tctagtgtnt	ntaatctgtc	tttttacatt	ggcttttggt	nnctnaatgt	540
tctccangct	attgtatggt	tggtatgcag	angaatttgn	angatgaata	cttnntttta	600
atgngcatta	ttaaaaatat	tgagtgaagc	tnatngtcaa	ctttaataag	gattactttg	660
ctgccaccac	ctagtgtcaa	ataaaatcaa	gtaatacaat	cttaataaac	ntttaaacta	720
taaaaactcg	acccttagac	ctatantnag	tcggttn			757

<210> 4913

<211> 711

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(711)

<223> n = A,T,C or G

<400> 4913

gtnactaatg	gctgggctac	tcgttctttc	cgcaggagcc	cancgattcg	tcnagtgnct	60
gnggnttgn	antntnngcc	nnggcantna	ttnattgncn	ntngatgatt	gatatacaaa	120
nttgaggtaa	aaatatncat	gaggtctaaa	tataacatgt	aatgcaatn	tcatacttta	180
tttncattgg	caagataaca	ttgantaccn	atactgnggt	atttgacaaa	caagcttgat	240
gcatcgtgat	ntcnncttta	tttccctttt	ccttgnttta	aaaagatgca	ctgcgttgtn	300
atncncnggn	natatganta	ctatgngcac	naaaacnana	anntcngatc	attcgantag	360
aggganaatc	nganctncan	tcncattcgt	tctnattcng	nngnanggat	ctngtaggtc	420
ctcctttctn	agatgtggnt	ttaggccagc	agcntaggca	tccttgagac	tccttataaa	480
tgcataaatc	tcaggcncag	cccagatnac	ttggagcata	atntgcagtt	tgcaagatcc	540
ccaggcaatt	catgtgcatg	tgaaatnngg	acaagcacct	ttntgggcga	tgcaaagcca	600
ctcatnctcg	cgtgcctatn	acggttttnc	aacacatcgg	atcccatctc	aggagcctga	660
cccgtgtnta	nctanattaa	ncttactgtn	tgatctttnat	gatgcatatn	a	711

<210> 4914

<211> 749

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(749)
 <223> n = A,T,C or G

<400> 4914
 agagnnnnnn nnnttgtcgn ntactnaatg gcttggttg gttgttcttt ntgcaggag 60
 cccagcgatt cgccgggtct agccaacatg tgactacaac tgcataaaag accttaaag 120
 agacctactc agccaaactc ttcctaagtc ctgtccaaac aaaaccatga aggataagaa 180
 atggttatta ttattttaag ctaccacctt ttggtgtgat tattatatgc aataataggt 240
 agcagacact ggctttgggt ggacatgtat gttctctgca tattctgctt ttgtgcatgt 300
 ggagaaatgg gctttctggg ctgctgacaa tgaggaggta gagatgttgt tcaggcagat 360
 gcgttttagac ttcgagtcca ctttctcctt ccaagaacta tgtggcctta caaatgctgg 420
 ggttggttta agaaaacaga actcttaatg tttgtaaaca ttcctgtacg agagtccatc 480
 catcatttgn gtctctctag aaaggtcata cgcagaaaat gtagtgggtg agcaaaattt 540
 taaacttttc agactggcaa aaccctttct ttaatgtata gtattactac tcatgtccat 600
 tatgaacat gaccaggga gactctgctg anacaggctg catctnctcc accttatcct 660
 nctaagacan gcttctacct aaggggacat agaatttacc cctgtttgtg ggggtggtgtg 720
 gattcttncc aactgnctta atccactgg 749

<210> 4915
 <211> 542
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(542)
 <223> n = A,T,C or G

<400> 4915
 atccctcnnt tntcaantca tttctctcac aagcannctn tanaatntct nancactttg 60
 ttctntcneg cnaaggngga cgcatntga ggacttttgt gnnntgann acttggtga 120
 ttcatatgcc anggcctngn angaagcagg agaaaggana nngngacng acttaaactg 180
 gtncataacc atccttacca ccngaagcta tccanagctt ctcatagngt tgcagaanta 240
 caccaantac acnaancatg acatgaacaa agntctngac ctngagnaga aaggtnacat 300
 tgctaagtgc cttnacagct ctctgtgaacn gcgccacagg cgaaccagct ttctttgcag 360
 agaagctcta tcangccatg aaaggtgntg gaactcncca tanggcattg atcacgatta 420
 tggntncccg ttctnaaatn nacatnaatg atntcanagc attctatcag aagatgtatg 480
 ggntctnctt ttgccaaacc atcctgnatg aaaccngang agattattga agaaaatcct 540
 gn 542

<210> 4916
 <211> 1285
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1285)
 <223> n = A,T,C or G

<400> 4916
 gaaagnacna aagncagctt gacagggatt tnaangnntn ggaacncnnn ttctcnaagc 60
 ngnttggtcn ngatnantta tanatatgtc ttncatnatn angaacnaaa ntatntntgg 120
 gnnnggnttc tntctngagng atttctgtna ctctngantt nntaatgcnt nanantgtg 180
 ancgantnng gtnaattggn cctancagca ncatgtancc ntaaaaacgc atncnatatn 240
 tcttancncn nagggtncn ncgcattat ctatgnctt cttnaactga nntntaangg 300
 nctntgtant ncgngaant ttaagttnat tcacgncnta tattctaant catgttccaa 360
 nnnncctatc ctgcanaatt acnctgcnnn tgatccttg catcnnggaa gntcantncn 420
 gnncaattat tcatnatatt gtggcattnn tctnattna tactancgnc ntccnctan 480
 atatatanaa gncngcaanc tctgtngaann ncttcnaat ntgacnnacc cgtntattat 540

atgcatnaac	ccntatccn	atcnanctct	agtgtggctc	ttaggcaccn	annatttatg	600
ggnaccctgt	gntcaaattn	ggntctccgt	nanctnacng	ctctcnattt	aangntnang	660
nctaacntaa	ccntctttgc	tgggtacaat	anggcgnacn	ctccnctnnn	nacatttttg	720
mnaaaagnc	tacntgggnt	cactatntna	nanctacncc	ttttatcggt	acntngcgta	780
atnattgncc	atatgtgata	cgngnccaac	aaaatgtcac	tntatataa	tntggntcnn	840
acntcnncgt	tanncnncct	atntaacntt	cannttttac	atananncnt	aaaacntntt	900
gngcaaacia	ccaatnggng	atcttnnnga	aaaattanca	tnggtttttt	ggctactttn	960
ctatntcatt	naattaccgn	mntatctcna	ncntanmtaa	ctacnntttt	nanaaaggng	1020
tcaatgggtg	tcattctctca	gngacaccct	cnnctatata	ncatnctnta	tntagtataa	1080
tctcanaaaa	cncctccctt	naaancttnt	gggnacntna	anaanacgtg	actntcannt	1140
cgaanccttg	nnntntntaa	tnnggatant	aggggngtac	naaaaaaann	ngtgtttata	1200
aacncancnn	ttnaannnnt	tctctatatg	ngcaatttcn	acggtattnc	tnncnngtcc	1260
ccatatatac	tanatcacan	tatnn				1285

<210> 4917

<211> 782

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(782)

<223> n = A,T,C or G

<400> 4917

gnncnctnnt	tnncgccttt	ngaancnccn	agttccaaat	gctgggttnag	atcagctctt	60
gttctttttg	caggaccctc	gtcanaattc	cnacaggag	anttcggnna	ntntttannn	120
ngagacngag	tctggctcnn	tngccagccn	gaggcgggan	aancnctga	acctgagang	180
tggacnngc	gctgagccga	nacntttaca	ctgcactcca	gcctgtcnac	agantgagac	240
nnntctcaa	agnatgtata	atnctnacaa	nnctccacn	ngancaaann	nnnangannc	300
cggannacgg	agnctcctnc	cctnaangan	ccntggaaga	atggagncac	ccagningctc	360
natttntggg	nntnnnnact	tnngccgtna	aatggatgan	caagggtca	ancagtnccc	420
tncataatct	gccctnaacc	cntncaaann	aacatntnnn	gccantctnn	cttcanaaac	480
nggaaggagc	cccnatgac	atnccagtcn	nagcccncan	cgaggaacna	ggccnntgnc	540
ccnanntgag	tgcnagnana	agggcncct	gccanagccc	ctgccggnnt	tcntncaana	600
anggaaagaa	nangaagcaa	ccntggaac	tcgctctgcc	aangagcncc	nngacaangg	660
ttnaaccggg	nggccnnnt	ctgagcttng	ccgccntttt	ctgngggncn	cccccaagaa	720
gtgttttacac	cccttaatcc	ccnctttanc	nctngatttn	nggggggnccc	naaccgcat	780
nn						782

<210> 4918

<211> 812

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(812)

<223> n = A,T,C or G

<400> 4918

gnnnnnnnnt	ttnnngctnt	tgaaaacccc	tttgtttcaa	agaccnagtt	cttgttcttt	60
ttgcagggat	cccacgatt	cgaattcggc	acgaggtcac	aggtaaaaaa	aangtgcgtn	120
ataagtnttg	ttatcggtgg	actttataaa	agcaaangaa	attgangtaa	cttttgattc	180
tggntcaag	attcatnttt	ncatacaggt	cataactgnc	ttnttgnaac	cctttcacag	240
ggcactgnnn	gatgggatta	aaggtggcaa	ttactggata	actgcacatg	cctctacttn	300
gttctaaant	ctangtcatg	aggtgatttg	atttacttta	tagangctgg	attttgaaga	360
tctaagttna	aatgttatga	tnatatcagt	gngtncaaaa	aaagcaccag	caactgataa	420
aaatcgcntn	tttgtgcgct	acccaactgg	ttaaagccaa	tgtgatcttt	tatggngaaa	480
ctcctaagan	acangtggtt	ttgctgnaaa	cttgnacanac	ccttaattat	agnccggtgt	540
aatgagccta	ctgcaatata	aagccaccat	tnntttttat	caaacatctg	aattcatttt	600

acaaaggcta	ttgttagggc	attatattga	gcattctatt	tgagggtgatg	ttananaaac	660
tttaacntca	aatcaaattg	aaaattaatn	taaatatatt	gncttaagga	ccttctaaag	720
aatgtgccac	cagacttta	tgatagttg	cnannatcct	tgntaanaa	caaaaaagtt	780
gcttaaacad	ttcttttaca	aganggnntt	tt			812

<210> 4919
 <211> 782
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(782)
 <223> n = A,T,C or G

<400> 4919						
ttctaagtcn	agggtctagt	nctgttgaan	nccngctat	tngattcggc	acgaggncct	60
ggctactggg	gaggctgatg	cccanaanc	atgttgccc	aggagtnaag	gctgcagtga	120
gctttgnttg	cacngtgcg	anncatnct	ggcngccca	nngngnccn	gccacaccan	180
aaattatgt	ctnagntan	nngcntcng	aggcctanc	tcgnaccaga	gttntcttta	240
ctggattatt	tttagattgt	tattaacatt	nctggctct	anctttactc	agtctggatn	300
agaaaaagaa	taccatgcaa	ttgttaacta	ttngatgttt	actagattaa	ctattaatat	360
attgttgtgg	tccatattta	agagttactt	tgtnctaga	gatttcatta	tagtggngnt	420
taatatant	ttgggtattt	ttaactaaaa	atcattgcta	tccttcaact	gtagattcta	480
ctatgaaatg	aggaaaaatc	agcaatagaa	ttaattgggt	tcaaagtata	tataaatga	540
tggtggaaag	ggaagtcnga	gggtatctct	ggaagaactg	atttatctga	aggtaatact	600
gngtgaaaga	acctaagatt	gtngacanag	catgcttnat	gcaattntgc	tggtccatag	660
tagtantaga	ggctctataa	aatgtgttgg	ggtgtttttg	ncttttaang	agacnagtgt	720
ctcgctntat	tgccccagga	gtttcaaacc	tnagtgccc	cngtggnttn	ncacctgtga	780
nt						782

<210> 4920
 <211> 781
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(781)
 <223> n = A,T,C or G

<400> 4920						
agggnccnn	tggtctctcc	tnaactcnn	nntgncagcc	ttntctgcct	accagaagg	60
gtngggccgc	gctgacggcc	cagntggcgn	ttntctcca	ttgtgtatat	gtacatagnn	120
tnnatcacta	gattgnaac	tcctcanggg	cacgaaccgc	aacatntatg	cngtgcctgc	180
ancnctaata	gtgaanngcc	tgccacactg	gtagcgtgca	tcattgaccn	tngaattgng	240
gagtaacnac	ctgccnnanc	acgatgnnat	gcngttcacn	tcctctgtgn	acnncncngc	300
gnngcaantc	ctgccatang	agggcgnagt	tccaacncgn	gggnnnactg	gcncanctgg	360
gttgnaccat	atcatccac	atccnnacca	ctngctaacc	cannntcact	gnagattacc	420
tgtagagag	ctgcgttcgc	tatctaata	tcngctgag	gntcctagga	anatctggaa	480
ntggggaaga	ttatggagaa	aatgaaaang	gaaattcggg	gaggngggtt	ngcagtataa	540
agccctgtgg	gggaaaacat	attttagctc	ttacttggtg	aaaagggtna	ncagaacctc	600
tggtttcttt	accaangtcc	nctggntngg	nccatttctt	ccaattggat	gaacncccc	660
tttgggtttt	tannctcctt	tnctcaattt	tggggaattc	cccnnctnaa	tnggctttac	720
natngaantc	tggnanctt	naanangtcc	taaatanaa	ttncctgggg	naatntggta	780
c						781

<210> 4921
 <211> 730
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(730)
 <223> n = A,T,C or G

<400> 4921
 cacgagggct gccagaaact cattgaagng gacgatgaac gcaaacttcg tactttctat 60
 gagaagcgta tggccacaga agtngctgct gacgctctgg gtgaagaatg gaagggttat 120
 gtggtccgaa tcagtgggtg gaacgacaaa caagggttcc ccatgaagca ggggtgntng 180
 acccatggcc gtgtccgcct gntactgagt aangggcatt cctgttacag accaaggana 240
 actggagaaa gaaagagaaa atcagntcgt gggtgcattg tggatgcaaa tctgancgtt 300
 ntcaacttgg ntattgtaaa aaaaggagag aaggatattc ctggactgac tgatactaca 360
 gtgcctnnnc gcctgggccc caaaagagct agcagaatcc gcaaactttt caatntctct 420
 aangaagatg atgtccgnca agtatgttgt aagaaagccc ttnataaaga angtaagaaa 480
 cctatgacca taagccncaa nattcagccg tnttgntact tncacgtgtc ctgcatcaca 540
 aaccngcggc gtatttgctc tagaaagaag cncggttccc tngaaaaaan tnnnggaaga 600
 aggcntggan gaatattgct anaacttntt nggctaagag naatngaaan gatgcctaaa 660
 nggaanaagc nccaaggaan caaaattggt naaagnagac nncnnacntt ttcctnttgt 720
 ngcnaagcnn 730

<210> 4922
 <211> 675
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(675)
 <223> n = A,T,C or G

<400> 4922
 gngnngnnnn nnnnnngnn agnnnnnnnn ngnnagnttn nnagnnnnt tntnataca 60
 gctcttgctt tttttgcagg acccatcgat tcgaattcgg cacgaggcnc tcctgacnac 120
 ngccaagcac tntnncgnt tccngntnnt cnnttgagn tatngnaaan tnnnncattc 180
 gtnnnnactg gnnatangnn tntatgaata cnanatgtng gacttcatna tgntcacacc 240
 natagcatcn tatganagaa ttagngngcn cagantttac nacanagtan atgtccnnng 300
 tcatgnacgc agatatacac aattctnaaa agtttacctn attcagntgc acgacttgga 360
 tnaatggact ggcnaaagg attacatagt nangactgtc acaattntna nagccgntca 420
 nacctnccag ttcattggaga ctgatntgcn canagaagca ctgngcttgc ancggggctc 480
 atgtgcgtct gatatntgac cagnaacgnn caatagcttg gtattaaaac cncngcaatg 540
 tnnngntgat tatgacacta cnaatgttgt nnacacttgt acgctacaca tnnnctacct 600
 tacnaatatn tacttgtatt gntagagggc tntccanaga aatnntnnta tataccgaat 660
 gcaacacctg ctacg 675

<210> 4923
 <211> 675
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(675)
 <223> n = A,T,C or G

<400> 4923
 gngnngnnnn nnnnnngnn agnnnnnnnn ngnnagnttn nnagnnnnt tntnataca 60
 gctcttgctt tttttgcagg acccatcgat tcgaattcgg cacgaggcnc tcctgacnac 120
 ngccaagcac tntnncgnt tccngntnnt cnnttgagn tatngnaaan tnnnncattc 180
 gtnnnnactg gnnatangnn tntatgaata cnanatgtng gacttcatna tgntcacacc 240
 natagcatcn tatganagaa ttagngngcn cagantttac nacanagtan atgtccnnng 300

tcatgnacgc	agatatacac	aattctnaaa	agtttacctn	attcagntgc	acgacttgga	360
tnaatggact	ggcnataagg	attacatagt	nangactgtc	acaattntna	nagccgntca	420
nacctnccag	ttcatggaga	ctgatntgcn	canagaagca	ctgngcttgc	ancggggctn	480
atgtgcgtct	gatatntgac	cagnaacgnn	caatagcttg	gtattaaaac	cncngcaatg	540
tnngnntgat	tatgacacta	cnaatgttgt	nnacacttgt	acgctacaca	tnnnctacct	600
tacnaatatn	tacttgtatt	gntagagggc	tnccanaga	aatnntnnta	tataccgaat	660
gcaacacctg	ctacg					675

<210> 4924

<211> 750

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(750)

<223> n = A,T,C or G

<400> 4924

cggnnnnnnt	ncntttcntc	ctaangaaac	ncttntgant	ggcntggcta	cttgttcttt	60
ttgcaggcac	ccatcgattc	gattcaaggc	ctctcgagcc	tctttaacta	tagtgagtcg	120
tattacgtag	atccagacat	gataagatac	attgatgagt	ttggacaaac	cacaactaga	180
atgcagtga	aaaaatgctt	tatttgtgaa	atttgtgatg	ctattgcttt	atttgtaacc	240
attataagct	gcaataaaca	agttaacaac	aacaattgca	ttcattttat	gtttcagggt	300
cagggggagg	tgtgggaggt	tttttaattc	gcggccgcgg	cgccaatgca	ttgggcccgg	360
taccagctt	ttgttcctt	tagtgaggt	taattgcgcg	cttggcgtaa	tcatggtcac	420
agctgtttcc	tgtgtgaaat	tggtatccgc	tcacaattcc	acacaacata	cgagccggga	480
gcataaagtg	taaagcctgg	ggtgccta	gagtgaagta	actcacatta	attgcgttgc	540
gctcactgcc	cgctttccag	tcgggaaacc	tgctcgtgcc	gctgcattaa	tgaatcggcc	600
aacgcgcggg	gagaggcgg	tttgcgtatt	gggcgctctt	ccgcttcttc	gctcactgac	660
tcgctgcgct	cggtcgttcg	gctgcgcgag	cggtatcagc	tcactcaaan	gcggtaatac	720
ggntatncac	agatcanggg	gataacgcag				750

<210> 4925

<211> 1302

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1302)

<223> n = A,T,C or G

<400> 4925

gnccggcgcc	agtgcngtac	ccanagcaga	acgacccgta	aaaccccttg	ggaangnccg	60
ggacgggnen	cnngngccgn	ncncacncg	cnncnncnac	accccntttt	ncccccattt	120
tancaccann	atngncnnan	cangggggng	nannacngng	naaaaccng	gngagnnccc	180
nnccgcnggg	ganncanang	ngcngnnaag	naaccngng	cnncaananc	ccngngcgng	240
cccacanaca	cnggccanaa	gananaagca	agcgnacgcg	gncgaagncg	ggngnacagn	300
aanaaaacnnn	cngcacngcg	naaaangccg	cncaacanna	gcnaagggng	aacngnacac	360
ngccngancn	cncgncggan	ncacngannn	ncgcannanc	gcacangagc	gganaccacc	420
cagcnngcc	naangcgga	canacgncnc	ggggnnnncn	anccgngncc	canangnnna	480
gacncnggna	caccnncna	ccccnangcc	nagannncan	aannccnagn	naccnagac	540
annacnnnnn	ganncnncnn	cnanccgagg	nacannncng	nanngnngac	ccnnnnctnn	600
nnngccnana	nannccnnac	ancnccccca	ncnccccgag	ngaaacncnn	naangaccan	660
cncaanacga	cncncgaca	nnacacnngn	gcccancnaa	nncaacacna	agnnnaccan	720
acngcncnnc	gnacnaaaacn	ncacgncgcg	ggagcccga	ccaacgcacg	acacgcgacg	780
accgancanc	aagaangnga	ccncacacgn	agcgnccnnn	cgcgcnanc	gccggacnca	840
nngacanncc	gaanagannc	gcggnangng	cacgaancaa	cggccannng	nnganngagg	900
agcnacaacc	ncnacggang	cgangccgna	nagangacgg	accaagacnn	gaanaccgnc	960
gaggccnaac	aaacggncga	cgcccgcgga	ancncacnan	cncngnnggn	canncnngac	1020

ccngananca	cacancgcnc	accacangnn	ngnggaacac	gacaangcca	cgnacanaac	1080
gacgaagcan	gaacanaagnn	gncgcaanng	nnancnagnn	nggaanacac	acncgaaccg	1140
aacacanaag	aagnaanacc	aagagcanna	gnagaagcnn	acacagacac	naaacngnaa	1200
ccggcccnna	gnanccanc	gcncnngcan	cagngcacia	naanncggan	nccacgcca	1260
aaacngcnac	agnncgcaac	gnangncn	acgccanacg	cc		1302

<210> 4926
 <211> 818
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(818)
 <223> n = A,T,C or G

<400> 4926						
tgnngnnnta	gatcagctct	tntctttntg	caggatccct	cgattcgaat	tcggcacgag	60
gctatttggtg	ttttgttgca	ctgttntttt	tgtttggttg	tttgtttatt	tggttggtct	120
tttgagagagg	gaaatggggg	tgaaatattn	ctttattgnt	gaatcatttt	gtgaatgtcc	180
ccctcaaaaa	aagctaattg	aatatttggc	ataaagggca	ttngntgggt	ctatttttgt	240
ttgaggggna	ttntcagaaa	atcccttttc	tctcttacgc	ctaactgact	ngggaaccat	300
tgangatntn	cntagcnttg	gaatacttga	cattatntac	tctnacnaat	aacacattaa	360
gcnagaatna	ccaatnttcc	nanaatnngc	ncttgatcac	aaaatgtgan	nnacctntna	420
atgntanaaa	ctttatcaaa	ttnagtnnta	ttttccctt	cnaaatgtcn	ccctttcccn	480
ggcatttntct	tcnttaaaaa	tattggtnan	ttccctgaca	taccnatttc	catngttcaa	540
cagctttgtg	nccnnagnta	taanaanttt	ttgnanccct	ggananatnt	tcaatpncgc	600
cnatnangta	nccnttcnan	cantgttngn	gnaaaacccc	cntngcaagc	ccntaaaaan	660
gttaagcctt	anttgntttt	aattncnctt	tnnnngcntn	actaannccn	catnttcnna	720
nttccttnaa	aaatcntntt	nggagcccn	cccttntntt	tacctttgna	ntnnnnccca	780
aacttcannng	nntatccaat	nctgnttttn	ccnaaacn			818

<210> 4927
 <211> 742
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(742)
 <223> n = A,T,C or G

<400> 4927						
atcagntctt	gttctttttg	caggatccca	tcgattcgaa	ttcggcacga	gggtgactgt	60
ggagggcgag	ctgagccctg	gccgccgtca	caatgggccc	ngagtttggg	aatctgacgc	120
ggatgcggca	tgtgatcagc	tacagcttgt	caccgtcgag	cagcgcgcct	atnccacgtn	180
ttcactaaa	gaatccccaa	tggtctgcgc	cgcattcggg	agtctttctt	tcgcgtgggtg	240
ccgcagtttg	tagtgtttta	tcttatctac	acatggggga	ctgaagagtt	cnagagatcc	300
aagaggaaga	atncagctgc	ctatgaaaat	gacaaatgag	caacgcaccc	gnatgacggt	360
tccctgtctc	tgaaagacct	ttctctggaa	gaggagtctg	cattgtntgt	ctcaaagaca	420
caataaactt	cctatggtct	gcanaacaca	nnatntntta	aaaattttaa	aattanctgg	480
gcatggtggc	aggtgcctgt	attccactac	tcanganct	nangccgaaa	tcnntagaac	540
ccnggacgtt	gaagtttcag	tnagctgant	cnttccactg	gacttnaanc	tgancnnnng	600
atgtntactc	catcccaaat	tnnaaanang	tgggantatt	acttntcntg	aaacntgcgc	660
ctntangcca	attcttaann	nnttangtgg	naagaacatt	tancccgana	tttnaggttn	720
nntnacnatg	ctgngggggg	nn				742

<210> 4928
 <211> 760
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(760)
 <223> n = A,T,C or G

<400> 4928
 aaccgggtgg gccctttttt tgaaaggntt tttttanccc ttngttnncn cnnnctaaat 60
 annnggntn catcgntcg ctanngccng ntntgggang cnatgntata cttggctacc 120
 ttcctatgnt ccttctcaca gcaaaactnn gggactgac atttgaagtc acccctctgt 180
 gtcttctgt gaaatggctt gggcgtctct gggctctgac ttgctcatct gggaagagat 240
 ggggtanagg gagttggatt ataaatcatg cttcactcag tcaacagaat gctactcagg 300
 cactaaaaat gatggcgtag ccctacgtat tctgacatgg gaagatggcc acaatatctt 360
 attatgtgga aaaaactagt tgcataggat ttatggnttg attacatttt agtaaaataa 420
 attcatttat ggtggtatat gcaaagaaaa aataatgccg ggcgcantgg ctacgcctg 480
 taatcccagc actttgggag gctgangcag gtggatcact tgaggccagg aggttgagac 540
 cagcctggcc aacatggtaa aaccccatth ccattaanaa tacaaaaaat tagcaccaag 600
 cgttggtggg cacngtgcct gtagtccag cttactcagg aggctgagat gggagacttg 660
 cttgaacctg gaaagggtga ngttgcgtg gagcccaaga tcacgccact gcacttcggc 720
 ctngggctac agnccagact ctgtcntcaa aaaaaaann 760

<210> 4929
 <211> 887
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(887)
 <223> n = A,T,C or G

<400> 4929
 gngnaggnan natttnnaga nagnnnnngn aangtttggg gtnaagagnc attnaaacnc 60
 ttggcnnacg gnatcccaan gtngcnaatt nggcacgagg ttgtnttgga aacagtcgtg 120
 nggangaatt gcgagagAAC ctAACggga tctnctgtgg nttgctctgg atganatnga 180
 nttggtctaan ggtagaggaa catttccctg ggatatttnn gcccttgata ttcataaaga 240
 tntanactgg aatnctaacg cncctaccct gaatgtctgg cctntgnata tctgtgatga 300
 tngtgcggac atatttcanc gggatanaac agncgaatta atggaattga cagatgagca 360
 aagaaatgaa ctgatgaaa aagaaagcag tgcactccag aagactggac atcgtgtanc 420
 atactcacct cgtaaagaga aagcactaaa aatataatctg gatggagcac caantaanga 480
 tctgtctcaa gactgactct gatagttgta gcanttttcc cttgggggga agttnnnnngt 540
 ttttnaanaa ggatgggttc cactaccac ttgggggaang ttgcccattt tcnnnccggn 600
 accaatgngn nngnggggtn aaccncagg ngaacnaacc antgccttg gaatgggna 660
 cctngnnncc ttanacancc tcttcnagaa agggccttcn agtgggcccc caaanagggg 720
 nccanntgg gtcccatnga acttggggaa atccanngn tttganncca cccaatnagn 780
 gncaanaaat ggtcccnagg aaaaatntgg tcaataaggg ggattgaggc cntanatcaa 840
 ntttnccctng gcnncccaac cntaaaaaaa ggcttnnccg ngatccc 887

<210> 4930
 <211> 804
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(804)
 <223> n = A,T,C or G

<400> 4930
 tcncccccnt ttgaannccc tttntttaat nnnccatanag ctacttggtc tttttgcagg 60
 gatcccatcg attcgaattc ggcacgaggc tccctatgat gcctgctgga atgcctgtcg 120

aggagacagg	tggaagact	tgtccagatc	acaggtgcgc	tgctatgtcc	acatcatgaa	180
agaggggctc	tgctctcgag	tgagcacact	gggactctac	atggaagcaa	acagacaggt	240
gcccacaaatg	ctgtctgctc	tctgtccaga	agaaccacca	gtccattcgt	cagcccagat	300
tgacagaaac	acctggttgg	agttgacagc	ctcattgggc	cagagacaca	gattggagag	360
aagtcaccca	ttaagcgctc	agtcattggc	tcacccctgtc	tcataaaaaga	tagagtgact	420
attaccaatt	gccttctcat	gaactcagtc	actgtggagg	aaggaagcaa	tatccaaggc	480
agtgtcatct	gcaacaatgc	tgtgatcgag	aagggtgcag	acatcaagga	ctgcttgatt	540
ggaaagtggc	cagaggattg	aagccaaaagc	taaacgagtg	aatgaggtga	tcgtggggaa	600
tgaccanctc	atggagatct	gagttctgag	caagtcagac	tccttncttt	tgccctncaa	660
agccacagat	gttgggcccgc	cccacctgtt	taactctgta	tttatttncc	aataaagaag	720
gctttcaaan	gcatgcttgg	anacttgtgg	agcagtccaa	acttcatgtc	aggtgggctt	780
ccagtgtaca	caaaaaaaaa	aaaa				804

<210> 4931
 <211> 887
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(887)
 <223> n = A,T,C or G

<400> 4931						
gnagnagnan	natttnnaga	nagcnnnnngn	aangtttggg	gtnaagagnc	attnaaacnc	60
ttggcnnacg	gnatcccaan	gtngcnaatt	nggcacgagg	ttgtnttgga	aacagtcgtg	120
nggangaatt	gcgagagaac	ctaaacggga	tctnctgtgg	nttgctctgg	atganatnga	180
nttggtctaan	ggtagaggaa	catttccctg	ggatatttnn	gcccttgata	ttcatcaaga	240
tntanactgg	aatnctaacg	cncctaccct	gaatgtctgg	cctntgnata	tctgtgatga	300
tngtgcggac	atatttcanc	gggatanaac	agncgaatta	atggaattga	cagatgagca	360
aagaaatgaa	ctgatgaaaa	aagaaagcag	tcgactccag	aagactggac	atcgtgtanc	420
atactcacct	cgtaaagaga	aagcactaaa	aatatatctg	gatggagcac	caantaanga	480
tcctgtctcaa	gactgactct	gatagttgta	gcanttttcc	cttgggggga	agttnnnnngt	540
ttttnaanaa	ggatgggttc	cactaccac	ttgggggaang	tgcccatctt	tcnnnccggn	600
accaatgngn	nnngggggtg	aaccncnagg	ngaacnaacc	antcgccttg	gaatggggnna	660
cctngnnncc	ttancaancc	tcttcnagaa	agggccttctn	agtgggcccc	caaanagggg	720
ncccanntgg	gtcccatnga	acttggggaa	atccannggn	tttganncca	cccaatnagn	780
gncaanaaat	ggtcccnggg	aaaaatntgg	tcaataaggg	ggattgaggc	cntanatcaa	840
ntttncctng	gcnncccaac	cntaaaaaaaa	ggcttnnccg	ngatccc		887

<210> 4932
 <211> 807
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(807)
 <223> n = A,T,C or G

<400> 4932						
nnnnnnnnann	nnnnnnngnnn	nnnnnnnnnn	nnnnnnnnnn	nnnccnnnnna	nnnnnnnanna	60
gttgaacgca	ngaaagccgt	ggnaaggcgg	gaaccaaccg	aancgnggaa	nggcnataac	120
aannagnnga	tgtgnccagn	nctctgnatc	tnngacttng	atgctanata	catcatgnca	180
tnngnngctn	ctaagggaat	aagccataga	ggctncncca	ggtagaaaag	aacagtaaag	240
nacctggaaa	accaacattn	ngaagtgnat	ggacactgga	catgagatat	gnacaatgaa	300
ancttaaaag	aatctaagaa	tnngccctct	ttgccccact	ccaccagga	atnagacatt	360
actagngcca	tgtataggac	ccaactgagt	attagaatca	gnnnngacta	tgncnnngna	420
tngcctaaat	ctgttaatgc	ataaacggaa	tnaggggtcca	gnnggcctgt	naatggtaaa	480
mntacatnan	aaatgactca	gcnnngagnat	ncngggcgag	tnngcaatgn	gataatcaga	540
tnnggnaaaa	ctgatnaatn	ngcaaactng	agngggngna	cncacagacn	aaagnangaa	600

ccacagnnaa	ctagggggac	caggnggnaa	gnggaaaaca	cncacaagng	annnnngnnn	660
ngggnaaggg	ngggngaana	gganggaana	ngngnnnnag	gagggagca	aaacnnaaan	720
gggncnggaa	ccaaagccng	nncgnaaagn	aaaannnnng	gcnggaagaa	gggggnggna	780
accgcaaacc	anngccnagg	gggnnnc				807

<210> 4933
 <211> 925
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(925)
 <223> n = A,T,C or G

<400> 4933						
cgngctttaa	ctnttnaaac	cctttgcact	tnncctttnt	gcaggatccc	atccgantcg	60
aattcngcac	gagagaggg	ggggctctggc	cacataggtt	tttntgnggc	tctggntcgg	120
ggntagacac	tgacagggac	tagnattnat	tggacttgcn	aagacagtcc	ctcanattna	180
gcaactnctt	gcntnntatg	gtnggcatta	tgaagccanc	ntagngnnng	taaantanag	240
ccctncatct	ntnctgngna	gccccntcac	tgggctngat	gtcatcatcc	aaaatctgca	300
nantctgnca	caangancca	tgantactta	annaaagga	anntctngaa	cnngntagca	360
agatcnaanc	atancttgct	gngetnccan	ggnacnncan	cctnannncn	tgncnannng	420
cnatatanac	ggtcangggg	ctttgatcca	ngaactctnn	tgtactatga	tnananncca	480
caantntgnn	aaacctncat	gtancctnna	nagttgnnnn	tgngcanaat	cgtnctcacc	540
aanantnttc	ccnccganna	actctaactt	ntnattnann	nctaccngtn	antnttnnaa	600
tgtnnacaac	nnctnnannn	ccntccnna	tctaaggaaa	angnntctac	ccctantana	660
tagnntcagc	atccactana	cnntctngct	ngcctccgat	cccactngcn	cgcnctntgt	720
ntnnngactg	ccccctngn	ncttntcttn	gananattct	tnggatacta	cccaaatttt	780
ntgggnnanc	tactgcacat	ctnntcannt	nnnncgcatt	tcatnatnta	tantcancnn	840
nncaatnctn	cnngctnctn	cttacnaana	ntnccnanc	gcggcggggc	gmnccnatan	900
tannncngnn	ncannnaaag	nnngcg				925

<210> 4934
 <211> 1025
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1025)
 <223> n = A,T,C or G

<400> 4934						
gtntcatttn	actttcntaa	tnnnntggga	ntctctgaan	gacncnatng	antngnnttc	60
ggcacgagta	ctgtcccttc	attcccaagt	aagaaangnc	aggntctgct	acttccaaaa	120
ctcagncacg	acttgaaggt	gaantgactc	ctaattcctt	gtcaaccagc	tacaagacag	180
tgacatctgn	cattaagctc	tccaaacata	aagctgaatc	tnactagccc	taaaaggggt	240
cagaatagat	aagaaaggtg	ganagaagtt	gtncnaaggn	catagaaatn	gtctgntcca	300
gcctcantgg	tgtnaggat	aatggcgang	aggaggatgc	ancattcact	tgcaatacca	360
ngatgtttac	tggancccat	anttnatgtn	ggattnanac	naataangat	aangaaatgg	420
gnaangaag	aattggatnc	ancaattana	gggggtcggn	ncaatgnaan	tcatacnang	480
cantattgct	aattttcaaa	cnttaattnc	aaatgcaaca	ttcatntnct	aggatncctg	540
gntttnnngt	aaacttnggt	aanaaaacttt	nggattttcc	tnaanannan	ttcaatnntt	600
catnatanca	tccnttngn	acnaggntac	tcctaanaat	ncnaatttnn	attgcncata	660
accnttntnc	tcaantctng	gggannttaa	tgggnntcnc	cntatantag	tnatntgaat	720
ttttctaaga	tcacanaaaa	aaatgggcca	tttgtctcac	atntatatgg	nggatggcct	780
ctcctntaaa	cntccttntt	ggggtanaat	accttttnnc	ncacaangng	cttacatcnc	840
taantcntct	nttggtatat	actnatacac	agtatttntc	ctaanactn	nccgngnttc	900
taacattntc	naaaannctc	tttaaaaatt	ctntgnanaa	aattcgtngn	ctcncnntat	960
catcncnant	tnataatnct	ngtantnatt	ctnttcannn	acaaaatacg	cctcncngtn	1020

gntcc

1025

<210> 4935
<211> 750
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(750)
<223> n = A,T,C or G

<400> 4935
antgangnnn ntttcnnaga gncagctctt gttctttttt cagggateccc atcgattcgc 60
tgaaatgact tccttaggga tagagctaag ggataataac ttgcactaaa tacatttaaa 120
tacttgattc catgagtcag tttattgtag tttttgattt ctgtaaaata agagaaactt 180
ttgtatttat tattgaataa gtgaatgaag ctatttttaa ataaagttag aagaaagcca 240
agctgctgct gttacctgca gaactaaca accctgttac tttgtacaga tatgtaaata 300
ttttgagaaa aaatacagta taaaaatagt tattgaccaa atgctaccag gctctgcagc 360
agctcggggg cttataaaat gttcataggg atgttacaat ataattttgt gttataaaat 420
atgccattat aattatgtaa taaccaaact ttcaacctag agtggtgggg gttttttgga 480
aaccgcagtc tattagtact caatggtttt atacacctta cttctgacag agcggggcgt 540
atgctacgac tacaactttt atagctgttt tggtaattta aactaatttt ttcattattat 600
attggtgcat ccctacttct tcagtcaggt ttttttgtgc ttacaatttg tgataactgt 660
gaataactgc ttaaaaattc acccaaattg gangctgaat tttttcttca gccaaaagta 720
agttttgatt aggaactttg gttcaaccn 750

<210> 4936
<211> 1500
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1500)
<223> n = A,T,C or G

<400> 4936
cgcccttgtc caaaacggcc ttgngnccca aatcagctctt ggaaaancct caaatnctct 60
ctanacagaa tngnggctng ggnannncnn cnttnncatg gnnccgnttt atctcnactc 120
nttttttatg aggtcttttt tttcnatctc tangannccct tctaacnggn antanncaact 180
cncggggngn anctcnnttc gngggggntn nactaantca annntgnnnn tctatanatn 240
tttanntnct nnacatncca ctentntant cctctgnnna tnccnaacat nnatacnct 300
caccnttta cncatncncn cannacanat ctatctnatc actcngnnnn cnnnaantcg 360
gccacataat catnctnctc acnmtacta ntncntcatt ctcnacnntc tctnttctnt 420
acnatannt ntanctcctn tttctctnt tctctcnnc ncanttctct ancncctgct 480
aatanactta ctannctctc tcnntncaca agtcngtacn tccgtctccc tntnnatnac 540
anactatntn ctentatnnn acannncttn catatntnn natnttnnac cnnncantc 600
mntacntnt ccctnncant agntctantc tntacntta ctctnnntnat ctnnctnttc 660
anctantnt cactntcan ntctatnt ngncntctn attcanntcn tcttatntcn 720
gnacantctn acnannntc tcnncntnn tntcatanct ctntnnacnt ntaacctact 780
antctnnnac tctcgtnta cctactcncn ctntantgnt actntacct ctantaact 840
atnctctctn gntntnnnac ctcacnactn ctctatacnn ncgatnanag ntntnacaat 900
ntctcgnatg ttanangtnn cgcgcctac cnnnatacnn ntntcnctn anactactct 960
ctctctctaa ncncctctgct cntatactat actcnatcna tatgttnatn catntctctc 1020
ncnntnann gtngttntnt accctctntn tatctntnnc ncngntcaac nnncttntna 1080
catnncttn acncatatnn atnccgntaa tctacatnnc gctctnctct ntncctcaca 1140
tacgctccnc nnantcatct tctnatatn aatgacacnt atntcatmnt acgtntntg 1200
ntantttaat cnccttccat aatctactct cttatnctan nngctctcnn cnatancat 1260
nctcnatatn ntaactctcn nnnncaactac ngatcctaag gtntntctn ncnnntantg 1320
atatctanaa tnnanntctt ttncnataaa ctnnangcct ctctaantcg acagtctnct 1380

ctanatanta nganaccaan atccatacct ntnttctttn anatactntc nattgactaa	1440
ctncttnnta taantacgta tcnatnccan atatcttgcg tctctntttc ncnccccgcg	1500

<210> 4937
 <211> 812
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(812)
 <223> n = A,T,C or G

<400> 4937		
ttgtanctaa tgctggttg	tcgttcttcc	tccangaccn agcgnntcga attcggcacg 60
aggggaaggt ctggtccag	cttgagccca ctcacaggat	gtcaggggga agtgtgacta 120
aggtcacggc cacgccacgt	ggtgggccag ctggatccag	agcaggggcc gttgtggcca 180
cacatcctga gtttccatgg	tctaatacan tgggcttgaa	aaaaaagggt ggatgcagga 240
tgctggctgg gactgtggag	tgctgggcca gtaagtctta	agtgcagtg ggtggagatt 300
acagcatttc atctgctttt	cctttgacac cttttaaaga	tacaaccac agttttcaag 360
ggtttatgcc aatgtctgct	agagggatct tgcagtagat	cttaaaccct atagtattct 420
taagagcaca aggaaattct	tatttgggtt ccatttaca	caaagggtga aatttaaaac 480
taggcttgan atttgaaatg	ctggtcacat ttaancantt	tatttngggg gggtaatttt 540
ttggaaatcn gtctttaant	nanttttaaa nanngttttn	ccncattttt naaaaagggg 600
ntacctttnc antttngntc	ctttcaannt tttnnntttt	ggnnaaaaaa tnttnnnnng 660
ttnaaatgga atgtttttaa	ccagggnntt ggggnntttt	naaaantttt nnaanggggn 720
ntatntntgg gnncccttnn	naattccagn ttnntnccan	nnttngaant ttnccccct 780
tnntngggna aaaanggna	ttgntttttt tn	812

<210> 4938
 <211> 783
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(783)
 <223> n = A,T,C or G

<400> 4938		
ttgaaaccct ttgaaaccct	tttgcaanct acttgttctt	tttgcaggat cccatcgatt 60
cgcaaatacc taatgcatgt	ggggcttaaa acctagatga	cgggtagata agtgcagcaa 120
accaccatgg cacatgtata	ccagaaactt cacattctgt	tcatgtatcc cagaatttaa 180
agtataatgt aaaaaaagaa	acgtactgga aaatctgaat	agaccctctg ctggaagcat 240
tatgaaaagt aaataaatgg	atatactgca tcatcctcag	aaaaaataaa aaagaaagaa 300
aatgcctgcc cccttctgcc	cacaaaacag attaagcagg	ggctcattgt tgggtgcaga 360
agagttgagt gtaatacact	gatggtatgc acttgatttt	agaaatatct tactggtgac 420
atttctgaaa atttgccaac	tcataatttt aagaatttca	aaatgtaagt ttttatttaa 480
ttgcatttga attctactaa	ttgcatgtaa ttttttatta	ctaattcaga actaagaata 540
taggccttaa attcctccta	aattaatgtg aggcattttt	cctaattcat tgtcacgaat 600
tattatgaan gtcactgct	gtattacagc agtccatact	cgattgttcc ttctgtgtct 660
tcagataggt tctttttctt	ttcctgtgag tatgtaaaac	agcaaaccaa gtagatgggc 720
ttattttggg acatccatac	ngaggaattt tatgggctta	ttaaaaggat gcttacagga 780
gat		783

<210> 4939
 <211> 1150
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(1150)
 <223> n = A,T,C or G

<400> 4939
 tnccgttnnn attnnntgtg aaccntttct tencacctnc ctggntgnga atnctgcacg 60
 agaggcattg nctgccttcg gctttatttc tgctgactan ntatctccta ttnagagcta 120
 cggcaatgcc caaaagaaag gctgcaggtc aaggtgatat gaggcattga gccaaagaga 180
 agatctgcca gggtgtctgc tatgcttgtg ccagttncac cagaagtga gacctnaaaag 240
 aacatcaagt tcnaggaaaa tgaagacnaa nagtgatntg atggaagaaa acatagattc 300
 nagtgcccaa gccagttgct gaaacccaag cnagaagcaa gttgttgaag aagactacna 360
 tgaaaaatgc taaaaaatng gagaaagccc naaatttcna gangcnccca gctttcttga 420
 aaaaaagaaa ttgttgggaa nntttaaaag gaatgaanaa ttatttgaac gattgcccc 480
 nannaanaag ggggtnggga tgaattagga annggaaanc ccgttnncca tgcngcgaaa 540
 ntttnaaana natnggtatc naacgaattg cattctcnaa nnggaaagtt ttgcantnan 600
 annattcnnt anaccgnaaa tnatcaaang gggnnngaaa gccctttggt aannaatgta 660
 tngtccctt ntngnttgn aaaaaaaaaa gggnggggga aatagtaaag tnnttngngt 720
 aaaaatngnt aggggatttn tcaacnaatt tngnggan anattggnag ggnaaanaa 780
 gngcncnna taactaaatt gccnnanta tggtnaanct tanntnntgt nntngnatan 840
 ngnggggnac nntatattta aaanggggcg tgcgnanatt gaaccngggg gtanaaaata 900
 tggggnaaaa aatttggggg aatataaann tantttngt atanaanac nnttnntnan 960
 anaggggggt cttatanggg attnggat caatnntatt natggtgcaa tgtntaanan 1020
 cacnctcgnn aaaaatcggg ttaaanaccn nagggtcatg anatntngtg gnannatnca 1080
 gntgggtaaa tttngtanat atattttggg ngtaananng tcttgcttaa atnggggnnta 1140
 ggtcatttcc 1150

<210> 4940
 <211> 991
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(991)
 <223> n = A,T,C or G

<400> 4940
 ggnngccgn nancnggacc ntcancgatn tnnacnnttt gnnaaccccc cccccgagcg 60
 cggcgngga gcngtgata ttnggannag atggaacan ctcnagttn ngcctttnt 120
 gtcaccnag tgcaggggg ngnatnggt nnaananacn tcctnccan gncctnctt 180
 anancacca tctaaancac aaaattcttg aagnggccgn tcagtnnngg canaccggc 240
 ctccnagnta tgtataccct gtctgttct atngggatnt ntctccatg tgagatatan 300
 gatgcgtgcn atncgtaaaa ggnggtgcna gtgctncttg tnaggnccc acacattang 360
 cgcttantcc nttaattagn ganccttgcn tcangggaaa ngggcttttc tatngaattg 420
 ggaataanat aatgggntan nnttttttt naanctccc agctcnanta angntgctta 480
 atggngcanc tacaatnctc cganacttcc aatgtgggtt gtcnatannc nacccttnna 540
 ttgncggggt ggtccaaaag aantgcaaat tctacctct tgggcccac caaangaccc 600
 ctttcaacca tgnctctttn tcgncgggg agagaaacna tnncngggg ggtnaaaagg 660
 cctncccc ctnntntttt caccccaana gggggnaata nanangttct anctccntat 720
 nccttttcca agcctatttn ngttnggggn gggngttngc nntntctcca atangcccc 780
 aaagnatntt catttggtta anantnccc nacnttctt gattttttaa aanataaaaa 840
 tgctctnnt aagangaaag ggngnnttt nntaaacnaa agcnnaaga aagnagaaan 900
 ncctttttag aantttnta nactnttcnc aaatgnngan antacctnat tcggggnttg 960
 tnctnntna tnttggttac gantggctgg c 991

<210> 4941
 <211> 1075
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(1075)
 <223> n = A,T,C or G

<400> 4941

cnntttcnc	ctcnnatgaac	cnntttgnaa	accnccntn	atgcaggatc	ccatcgattc	60
gaattcggca	cgagggctgc	tgagagctgc	aagggtacca	ntttttgccc	agaaagctca	120
gaaggctaaa	tgaatattat	ccctaatacc	tgccacccca	ctcttaatca	gtggtggaag	180
aacgggtctca	gaactggntn	gtttcaatng	gccatttaag	tntagtagta	aangactggg	240
ttaatgataa	caatgcatcg	taaaaccttc	agaaggaaaag	ganaaatgtt	tgngggacca	300
ctnnggtttt	cttnnntgcg	tgtgggcanc	tataaaggga	ttagtnnnca	aaaatcagta	360
cctttttaat	gggaaaacaa	cttgacccaa	aaaattttgn	tccacaagaa	aattttggag	420
gaccccattn	aanaangagn	ttaaaatnga	ggaaaaanaa	aaaacngnch	tnagagaaaa	480
cttcggagg	cccctcttaa	gaacctaat	aggtggagga	tccgnaattt	naccggncgg	540
gaatcccaa	gaaccaatgg	gaataaang	gattaccnt	ttnggattgg	aagccttttg	600
gggacccaaa	aacccaacca	aaccttaagg	naaatggnc	anntnggaaa	naaaaaaaaa	660
tgcccntnc	aaatttnggg	gnggnaaaaa	ttngngngg	aatngcctaa	tngggccttt	720
gaaatnnnnn	gggnaacccc	anttnattaa	aggccngggc	aaagtnnaaa	cccaaggntt	780
nngacccaaa	ccaancccaa	attgggcaat	ttccnatntn	nnaaangnt	nctccanggg	840
gnttcaacg	gggcgnaaan	gnnnnnncnc	nnacnnnnnt	nnnncaannn	acnnncnancg	900
nnnnctnnta	cannantnan	aannnnntnn	nccnnnnnnn	cncnccanna	nccnnnnnnn	960
nnncanacnc	ganannncnc	nnnnnccgna	annannnccn	nnannaancn	ncatctnann	1020
nacncaanna	nnananannn	nnnnnnnanc	nnannnnnnn	nnnnnnnccn	cnacc	1075

<210> 4942
 <211> 741
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(741)
 <223> n = A,T,C or G

<400> 4942

tnnttcctta	cnaccagcta	ctgntctttt	tgcaggatcc	ctcgattcgg	aaatatagag	60
agatgtggga	tttgaatgcc	catgaaagac	attttatttt	acttgaatat	attcttgctt	120
cactttaccc	tccataatat	gttgtagatt	agtgtgatc	aagtttacag	agttacattt	180
tgttttccta	accattcagt	caggaattaa	aatatggcat	tgtataacaa	ctgggaagaa	240
gctcatagt	gatataaatt	agagtagata	atgggtcacc	ttgatagcct	ctgtttacat	300
tacttgata	tgggcaaaa	aattattacc	tatacgtgta	tttaagctta	attttcatat	360
aaacagtatt	tttaattctat	gttaaaatag	ataatatcta	aaagtgtgat	ctctaggtag	420
tccttagttt	attagtactg	tacttcaaaa	agatttttaa	ataggtccgg	cacggtggct	480
catgcctgta	atcccagcac	tttgggagcg	tgangcgggc	gaatcacctg	aggtcaggag	540
ttcgagatca	gcctggccaa	catggtgaaa	ccctgtctca	actaaaaata	taaaaattag	600
ccgggctggt	tggcangcgc	ctgtaattcc	cagctactcg	gggaggctga	ggcnngagaa	660
tcactttgaa	cccanggggc	agaaagctgc	agtttagccn	aatcgctcta	ttgcactcca	720
ncctangggg	cangagcgcg	n				741

<210> 4943
 <211> 887
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(887)
 <223> n = A,T,C or G

<400> 4943

annnnnnnng	ntnnnnnngg	nannnnnncan	ncnannnnnn	naggnnnnnn	nnacnattcn	60
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cccccttct	aanagacttg	gnactcngc	nctntccgca	agnagnnnng	cgtnnccggt	120
tgngaggaaa	tccaaagctg	acccaaacat	ggtccccacc	ttttggagct	tacagtctgt	180
actggggaac	agagattcag	ccaaagtcaa	gaaacactgg	atgccagcta	gattatctgt	240
tctgtgcttn	ggtgtctata	agtacatatg	nggatatggg	ttcattnnat	ccctaaactt	300
agtaccaaac	cagcatttaa	tatctaatta	taaatactaat	tnggcctaaa	ctttattatt	360
gcacactgcc	tgaacaaaac	ctatttgcct	ctatgtaaat	tttttctca	tggaacaagg	420
gngngaagt	aaaatatnt	aggatttatt	caaaaacaga	ctattctgnt	ntcagctnca	480
gaantgnacn	atgaatccta	aggaaccntc	tgccaacang	ttgaggtntg	ctgnncgaaa	540
agaaagaana	aagaggcggn	aanntctcag	ggagaaanta	nnnccnntnc	ttttctatnt	600
tcagcanacc	ntggaggggt	gggcgagaa	caagaantgt	aaaggaggga	tcagaaaatg	660
gggaatnctt	nggcagctgt	ngaanaatga	tgangaagaa	nctcnnnant	ctcagttnc	720
cntnngnttc	cctatnaact	nttgataaaa	atnnggntt	nggccaccaa	aannacnnt	780
gcncnaaca	gcttcattgg	nccnaatnn	tccaaccnct	gatcggnna	cnntcaaaa	840
gctannngan	ccgtnnctgn	tanaantngn	aaacnangcc	caccccc		887

<210> 4944

<211> 1201

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1201)

<223> n = A,T,C or G

<400> 4944

nccccacnn	cnncnnacac	nnanacnacn	cacacanann	nccnancnnn	nnncnancn	60
aaccnanaat	ananaccncn	cacnccnnan	ancanacann	nacnnncncc	anacnaanaa	120
aaaaanctnn	cannnnnana	nacaaaccnn	ganaganagg	ancncttttn	cnaanaaaan	180
acncgggnan	nnnncnggaa	angnannaca	cgagagngna	nactngtnaa	nagccccctt	240
tgnaaaaaac	nccttngggc	aaaancnccc	gcctcannac	cananagnmc	atngnnncn	300
ntacnacgcc	naancatccn	aatgcctca	gctannnnng	gggangnggg	gaacccccaca	360
acanaacnna	anannacncc	nacctacn	acnacannna	acnngaccat	cactccaacc	420
aggacaacnn	caacaaacta	cnanancng	acnaanatct	nancacanc	ctctancaac	480
cannacacca	acaccaacnc	ctncatcnac	ancccaaaa	aggcacnaca	ccncanacc	540
catcaccatc	acanccaaaa	aaaatnnnng	ctccnaccac	nccacaacnn	ncagtnacat	600
cancggaaac	cangattaca	nnanngannn	caaacancca	tcgcnncnc	ntacaacagc	660
gnaannaca	tccaaaccnn	gaanccaaaa	ncgacaacat	nttatnccca	acaanagggc	720
aacangaaca	acccncgan	angnganaan	atanacngaa	aaangcnata	ntccnatcac	780
ccaannncan	aaacacntnc	tnnncccngg	nacannmcca	taaaacacat	agccctnaaa	840
aacaacnncn	naaaacccag	acnnnancn	caaaacccaa	anatctcgcn	anaaactcta	900
ananatcnaa	ccaannanac	taanacnct	canaaaanag	cctcnacgga	ggaaaaaaan	960
aacacctann	acaaaacanc	accacnntgg	annacaaaaa	anctcnncn	aggcnctcta	1020
canttaaaaa	acccnnnac	tnacacn	cccacnaca	canacncgca	acctcanntn	1080
tcaaaantaaa	atcnacacan	acnancact	anccnnncaa	nacnantngg	angcaaancc	1140
cnaaacccnn	tnntcnann	nngnccccn	aaccctcnca	naaatnccaa	nacaancanc	1200
c						1201

<210> 4945

<211> 769

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(769)

<223> n = A,T,C or G

<400> 4945

cnttttnttt	tcttttcaac	angctcttgn	tctttttgca	ggatcccatc	gattcgaatt	60
cggcacgagc	ccagatgggg	gtgtttttca	ggtctctcac	aatgagaca	agcgaaacaa	120

ttgtctcctt	ttattctctt	tggtgcattg	gtgctgggga	aacatgaact	agcggcagtg	180
taactgcaga	acatagaccc	agttctacca	ggccaggcca	gcaactgggaa	ccgccagaca	240
gggctgcttt	gggctttgct	tacagtattt	ccatgtgtag	cctggcggtg	gagaaagtat	300
taggtgaaat	gccagtttca	tggttcaggt	gaaagtctgt	gatcattccc	ctcgtggctc	360
gtccttcaca	tcacttttgc	ccttcaagga	gttgccgcgt	ccccgctcag	tgcccgcctg	420
agccctcaga	gctcccctgt	gcttttctgg	atggggactg	gcgggggtcac	ctagcctcac	480
cgtggagcca	ccgtgcaatg	cccctctctg	agaggcccac	gcagtattcc	tcgtgccctg	540
tgtagtgcn	ttctgtataa	gggacagaca	gaactgggtt	tttttccctc	tgccctggttt	600
tagagttaaa	tgtaactaac	ttttattttt	cccctttatg	aaagatagaa	aattattttt	660
atggtagttt	tccagancct	tatacaaaaa	ttttttgtta	aaaatgttct	ctgggaaaag	720
ttaactncna	cgaatgtaaa	atattgcctt	ctaattaaaa	taaccannn		769

<210> 4946
 <211> 769
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(769)
 <223> n = A,T,C or G

<400> 4946						
cntttntttt	tcttttcaac	angctcttgn	tcttttttga	ggatcccatc	gattcgaatt	60
cggcacgagc	ccagatgggg	gtgtttttca	ggtctctcac	aaatgagaca	agcgaaacaa	120
ttgtctcctt	ttattctctt	tggtgcattg	gtgctgggga	aacatgaact	agcggcagtg	180
taactgcaga	acatagaccc	agttctacca	ggccaggcca	gcaactgggaa	ccgccagaca	240
gggctgcttt	gggctttgct	tacagtattt	ccatgtgtag	cctggcggtg	gagaaagtat	300
taggtgaaat	gccagtttca	tggttcaggt	gaaagtctgt	gatcattccc	ctcgtggctc	360
gtccttcaca	tcacttttgc	ccttcaagga	gttgccgcgt	ccccgctcag	tgcccgcctg	420
agccctcaga	gctcccctgt	gcttttctgg	atggggactg	gcgggggtcac	ctagcctcac	480
cgtggagcca	ccgtgcaatg	cccctctctg	agaggcccac	gcagtattcc	tcgtgccctg	540
tgtagtgcn	ttctgtataa	gggacagaca	gaactgggtt	tttttccctc	tgccctggttt	600
tagagttaaa	tgtaactaac	ttttattttt	cccctttatg	aaagatagaa	aattattttt	660
atggtagttt	tccagancct	tatacaaaaa	ttttttgtta	aaaatgttct	ctgggaaaag	720
ttaactncna	cgaatgtaaa	atattgcctt	ctaattaaaa	taaccannn		769

<210> 4947
 <211> 738
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(738)
 <223> n = A,T,C or G

<400> 4947						
ntttcaaadc	gcttggttac	ttgttctttc	tgcaggatcc	catgcgattc	gctactgagc	60
ctggcttgca	actgggtgga	gtccacacct	gaacgtcgat	cctcctgcct	ggtggagcca	120
tcccagctga	tgccacatga	agcagacaca	agctgtccct	actaagctct	gctcaagttg	180
gatattcatg	agtgaataaa	atgactgtta	ctaagtnaaa	aananaaaaa	aaaaactcga	240
gcctctagaa	ctatagttag	tcgtattacg	tagatccaga	catgataaga	tacattgatg	300
agtttggaca	aaccacaact	agaatgcagt	gaaaaaaatg	ctttatttgt	gaaatttgng	360
atgctattgc	tttatttgta	accattataa	gctgcaataa	acaagttaac	aacaacaatt	420
gcattcatth	tatgtttcan	gttcaggggg	aggtgtggga	ggttttttta	ttcgcgcccg	480
cngcgccaat	gcattggggc	cggtacccag	cttttgttcc	ctttagttag	ggttaattgc	540
gcgcttgccg	taatcatggt	catagctgtt	tctgtgtgta	aattgggtatc	cgctcacaat	600
tncacacaac	atacganccg	ggagcataaa	gtgtaaagcc	tgggggtgct	aatgagttag	660
ctaactcaca	ttaattgcgt	tgcgcttact	gnccgctttt	cantcgggaa	acctgtngtg	720
ccanctgcat	taatgaan					738

<210> 4948
 <211> 795
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(795)
 <223> n = A,T,C or G

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<400> 4948
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gcaactcgca ntctctcnan acagcaaggn ctgtggcgaa tncggcacgn agccgccnnn      120
tctncanncn ntgtcagggn nnagnctgan gctancnnct ncnnantgcg nncnnngaana      180
cccannngac agcnnccnng cangcacgct nccncacnng acacaanctt taactaactg      240
ccnactncc aatgacgaaa acatntngga ntgactgccg aaantgcctt tccngatnta      300
accactagac natccatctg tatcacnnng ttnagccatc tttacngatn taagntccac      360
tgaacggctg agaaacttgn anaacacant gnacncgnnn aagnctngaa cacaactggn      420
ccaaggaaaa ctaanagtgc natantgnaa cccanantgg catccacana aaggcncttt      480
aaacntgcan gctcatcgtc aaagaatnat ccanatnctt ggacactggc nggacacnnn      540
catgtcnatc natgaacaac ctanaggcnt tgcctangaa ncgctgccta ccactnnnna      600
tgatangccg aacannaata tctantnccn tcnnnctata nnnntcnaag nantaaagna      660
ccnnntatn caagnnaann nannaancta gcacatgnnc tcanangaac ancaaattna      720
tacnnganaa tngtnccttn naaaacntcn ngggtanact tncncanntn nccanccct      780
aaaaantccc nnnnc
  
```

<210> 4949
 <211> 784
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(784)
 <223> n = A,T,C or G

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<400> 4949
ttnttttttt tggttaccct ttgctctnng nctttttgca ggatccctcg attcgaattc      60
ggcacgagcc ttccacggtt atttcacaga tatggagagc tggaagcagg gagtgagtct      120
ctgagtgttg gaattgtaag ggatcagaag cagggatcag aagcagtggt gaagttcatc      180
caccataaaa cacacaggtg actttgcctt gaatctgcag gactgaagcc aactcttggg      240
cacagaccct tagtcccttc cttggccact ctaagtcaga tagtccagag ccaggccctt      300
tgggatgtga caccgagata aatcagagaa aagctgtgaa gcttggggaa cagagggact      360
tttgggtgaag taggtggtct gcagtttcta tcttcttggg aaaagcaagc tggaaaagtg      420
aacagtgggtt ggtaggccat agtgctccca gctgggtgac ataatgacca cacagcacag      480
tgatgttatt agcaactgtg tgggtggagta gttgtgggct ggacaaatca atcgtgtgga      540
aattgttagg agttttatta cattaaactt gttaacctaa aataccatca aaaaaaaaaa      600
ntncnnannn nccnccacc nancntncna aaaaaancct cganccttta aaaacnnntn      660
gnngaggccn tatttacgtt anattccaga cnttgaatan ggatnccatt tgnattgaaa      720
ntttngggcc aaacccccaa ccttngaatt gccattngaa aaaaaaatgc cttttatttt      780
gnnt
  
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<210> 4950
 <211> 737
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(737)

<223> n = A,T,C or G

<400> 4950

gttcttttgc	aggatccctc	gattcgaatt	cggcacgagg	ttatattaaa	ttattctttg	60
tttttctttt	tcttttaata	aagcctgcaa	gttactaaat	tgtagtttca	taaattctgt	120
agtaaaagtat	catcttggca	gtgtgccaaa	ggtgaaaatg	atgctttctc	taacagagaa	180
attcttagtg	actccagtcg	tagaaaaacg	tctttacaac	ctgaataaga	ttgaagaatt	240
gtgaacatac	catggcctat	tggatgaatc	atttgccgta	ggctaaatca	gactgtaggg	300
tttgtgatgg	atttatggag	tatgtgggta	tagaaatcat	gaatctagca	tttgttttca	360
gagattcaag	catagtcnta	agggtagatc	agaaatgaca	aatgaattca	aaacctagca	420
ggtgcattgt	aaatgtgtgc	ccagttatgt	tttggaaatg	gcagttcctt	ggggtcatgt	480
ntctactggc	caaatttgca	atagtgttct	atngnatgta	atttctaaaa	tttattagga	540
ttatccnctg	tggccaagta	aactgtctgc	caatagaatt	ctgggaattg	tgagaaattg	600
tatcattgaa	gttcagntnn	gatgngtgcc	ttaaaaaatt	tatcnnggac	ccccanacan	660
ggaaacnana	antatttngn	tctctgcang	ttcattgcc	cgggcannga	aggtatttcc	720
cagaaaaata	cctcnnn					737

<210> 4951

<211> 785

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(785)

<223> n = A,T,C or G

<400> 4951

ttgnanccnt	ttgaaaccct	ttttanantt	ctancataca	agctacttgt	nctttttgca	60
ggatcccac	gattcgaatt	cggcacgagg	gcactntn	agaattcgta	cngatganga	120
ctgcanaatg	aagacctact	ttcaacttnc	ttttgncccc	ctctagnaga	atcaaatnga	180
atcttttact	tacctctgtg	caaaaanaag	aaaaatgaaa	nanngtncatn	tattcattct	240
gttntctatat	agcaaaactg	aatgtcaaaa	gtncnttctg	tccacacaca	caaaatctgc	300
atgtattggt	tgggtgtcct	gtccctctana	gatcaagctn	cacatcagtt	ttacnatata	360
aatacttgct	ctaccttaat	gatgaggact	ccttaaagnc	ncatttgcta	ntgatnaata	420
cactgctngg	gctggccagt	tttnnatgcn	tgcagcttga	cnantgagca	cactcaggcc	480
tttgnnttaa	aaatgaaaaa	tgaaaaaacn	aattcaaaac	ctattcaaat	ggnttctagn	540
caatttggtt	agtataaatt	gncatagctg	gtttgcttga	aaacaaacac	atttaaaatn	600
ggtttacctc	aggatgacgt	gcagaaaaat	gggtgaagga	taaaccgggtg	agacgtggnc	660
ccactggtag	gatggacctt	tgagcttctg	gtgctccgnc	catggngacn	atgacacacc	720
ctggnggcat	gcccctgtat	gtgngttaac	gntgtctgca	ttgtctaaan	tgaacangtg	780
ttagc						785

<210> 4952

<211> 1523

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1523)

<223> n = A,T,C or G

<400> 4952

gggggggngn	ngcgngngtn	gggggggggg	gttnttcnnn	nnnnntggng	acaccccttt	60
ttttnggggg	ganaaaaacc	cnngnggagg	ngcgngnggg	ggctngnggg	gannnctggg	120
nnngnggggg	ngggggggcn	ggnttgaggn	ngngngngng	cncgngngng	ggcgngngnc	180
gngngggngg	ggnggggggt	nnnttttttt	tngggngcng	ngaggggggg	ancnaggcgg	240
nnnggggggg	ggggggggnt	ggngttgcnn	ggggnggagg	ggggngggag	gnngaagggg	300
aggnggcggg	gannggcggg	cagnggaggg	gggncgnggg	nggggtggcg	ggngggngcg	360
ggngngnggn	gccgnnttnn	gggnngcgcg	gcgncngggg	cggcgggcgg	gangngcgcg	420

gncgtgngag	ggnagacggg	agncgnggca	nngagctgnn	gtcnggngcn	gggcggggcg	480
nagnagnag	gctcnatngg	gggngggcgg	ggngtgnggn	ggggnccncg	agngggggga	540
nnaggcgtng	ggcnggntcg	nnngngcggg	ggcgancggg	gagnntgngg	ngggggccag	600
gngngggngg	gggncgggn	gggngnatc	gcnnngcgnt	gacggngtgn	ncgggncccg	660
cngggcgcg	gngancncgg	gaggaacgnc	gcangggggn	cagtggtngn	gngccgngt	720
cngtgtnng	cgagnggngn	gagaggaggn	gnngntgggt	gggngcagg	ggatggccga	780
gngtcngnng	gggggaggng	gngngngnng	nngaggcggn	tngnntggct	nggggggccc	840
agnggcnggc	nnngcngngn	agggngnnnn	gggnaggcgg	gcntgggntg	gccaganagn	900
gnnctggggg	ggntagagng	cgngngnggg	gnnnntgngg	agacgggcng	agcgggcggg	960
nggcgggcn	gngngngcgt	gnnagagcgn	gcggngcgn	gtgngnccng	gcggncngnn	1020
gcagaggngg	gacacagcnn	cggagngngg	tgnatgngga	gangagngng	nnnngtggcg	1080
nacggttagc	gggcngcgng	gagagngagg	tgncgntggg	ggagcnnctg	cgngctagag	1140
aggcngcggc	gnngngatag	gngggngnga	gcntgngnng	ganncgatc	tagggagcgc	1200
gagtgggngg	nggtngacgn	gaggggngng	tgntnggaga	gngggngagc	cgngngcngn	1260
tgtagagagn	cagnggcgtg	ccngtggggc	anagggcgng	tgcnncngta	ganatggntg	1320
hngcnctgcg	gcnggcgagg	cnntaggnng	ngtgngngng	gangagcngg	tgtgggcngg	1380
cgcgnggggg	ggcggcngag	tgacgntnng	cgcgatngnn	nggcnccngn	ngcggncgca	1440
gangngangg	gngnggcnnn	cgcgnggaga	nngnnaggna	cagggcgagg	gangcgangn	1500
gntgtgtggn	agngcggggn	ggt				1523

<210> 4953

<211> 758

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (758)

<223> n = A,T,C or G

<400> 4953

gacttcnctt	tcaaanann	tnngaaagctn	antnncctaa	ananaaggctc	ntgggcgaga	60
gttctggatg	agacttggtg	tggtccattc	tgggacaaaa	ttcctctctc	tctctctctg	120
cggacccgtg	aaatctagaa	aataagttat	ttgcttctaa	aatacagtga	tgggacagac	180
atagataga	cattcccat	tcaaaaagtga	gaaattgggc	caggtgcagt	ggctcacacc	240
tgtaacccca	gcacctgtaa	tcctagctcc	ccaggcggct	gaggcaggag	gattgcttga	300
gcctgggaga	tcaaggttgt	agtgagccat	gattgcgcca	cctttatttg	gaaactttta	360
ttccagttac	caataacaca	ttcctcattt	ntccagaga	cctcaccaga	aacaccttta	420
atattcatat	ttctagcagc	cttctgttca	taacaatata	tgatcctgt	taagatgata	480
ggagatttct	cttgacctc	tcctctttgn	gagcctgcan	gggacattcc	cttttaattg	540
ccatatttct	accagcagtt	ctcttnaaag	caagtctaag	gtntttccta	acattacacc	600
tnaaaattct	tgcanntntt	nnccaagcac	agtgccttac	atctggtaat	tcctaacact	660
ttganaaggc	cnaacatgga	acaggaatgc	ttgagctcaa	ngagttcaag	accagcncgg	720
gcaanattat	ggaaccctnc	cttttcnaaa	aattncnt			758

<210> 4954

<211> 781

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (781)

<223> n = A,T,C or G

<400> 4954

tgagncnttn	nanccttttg	aaatttttan	acagctactt	gttctttttg	caggatccca	60
tcgattcgaa	ttcggcacga	ggttgctctt	ccatgcgttg	gtcagggggc	cctgaaaaca	120
ctggtaatat	taagagtctt	tctcagggtg	acttaagtgt	ttcttaatga	acaatgtttc	180
cagctacaaa	ttctttcaat	aaattgtctt	cctttttgaa	aagtactctc	atagaagaaa	240
tttagcaatt	tctcgttgac	tgactcagtc	tattttaagt	attcagaaaa	gattttgatc	300

cccattgagt	taatgctctg	ccttgaaaat	tatttttctg	atccttggtta	gtgataacat	360
tttttttcta	ctgaagggtca	gaggatanga	aacaagtatt	tctcttctgg	tatacatgta	420
atgtattctg	taaaaaagta	ttcatattgg	caatttttagt	taggcataat	attgtgggtg	480
taatttttaa	aacttagtgt	tttgtctgat	taaagcangc	actgatcagg	gtatctccta	540
agaggtaatt	cacttcttat	tcctttccaa	taattattac	attctaaatt	ttcatctatg	600
agaaataaca	aaacaagaag	gaatagaatt	aaattggggg	ataatcta	cttcattggg	660
taaatgggtt	gccttctccc	attgaagcca	ttttttatag	cctcanaaag	aggaaataat	720
gccttcaccc	attttctacc	tggtgacttg	aaaaatggac	cttttaagtt	aggaagaagt	780
t						781

<210> 4955
 <211> 939
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(939)
 <223> n = A,T,C or G

<400> 4955						
gnmnttctaa	tttcctaaat	ggctgggcta	cttggttctt	ttgcagggtat	cccatcgatt	60
cgaattcggc	acgagtgaag	aggaaaaagt	tcaaaaaata	aattacattt	tataaataag	120
gcaaggaaact	ggacattacc	tcacatctgc	aattccaacc	ctctgggagg	ccaatgcatg	180
tcattcnttc	cnatanntnc	nactcnagac	acatgatgtg	attcacagaa	cnaganaang	240
nntccacctta	ctgtcctgnt	tnangnnggg	atgctncata	aagaggatna	cnnttaancc	300
actaacagtt	atgcctntna	tcttgaatct	gttccacta	gttttcgnt	ncctgggcnt	360
gttactttat	gtttccttnc	ntcannttac	ctttaatatg	anaatantna	tnattntttt	420
accatgggtcc	cttacttnan	ngatantttt	ntnatnnntg	catngnnata	nnancntnnn	480
gtncctttcnn	cantntaaat	tcttaannnt	nntcnttatt	cnntnttctt	ntntnttttn	540
tnattnnnnn	ntntntacnc	ttanmttccn	cnacatcanc	caatttttnt	nntnnnttnt	600
tncannanaa	ttnnntnttt	tnatanattt	tnntntactt	ntgnnanatn	gggntnat	660
tnctntnnca	antgggttnn	nnnttttttn	nnncnnnann	naacntcntt	tnatcnnttc	720
tnnnatnnnc	nattnattn	tctntnnctn	ttnttatcna	cncaattncn	ntatnntnat	780
ctntatant	tnnaatnnn	tnanantacn	tnantnnnt	tctntntnt	tnanaatcc	840
nnaatntatc	ttntntnnn	nntctaaaan	agctnttnc	nttttnaatc	ncttntntnt	900
nnattntntt	ttantctnta	cnanactttt	nttacttctn			939

<210> 4956
 <211> 780
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(780)
 <223> n = A,T,C or G

<400> 4956						
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gaccatcga	ttcgaattcg	gcacgaggga	acatctttac	caccaacgtt	ttacctctgc	120
ttcaacaatt	tgcccttgtc	aaagacacct	gtcatatgt	aaatgtggaa	gatgtctcag	180
gagccatata	acatctgtcc	cttggggaga	tcccagctat	ggcacagccg	tttgtatcct	240
cggagaacg	gaaggaaacg	tgggaaacag	gccaggctga	ttatatggga	gcgattcct	300
ttgacaacat	caagaggaaa	cttgacactt	acctccagta	gaaacactgc	atttttctgt	360
gaacacatcc	acttcacaag	ccttgtttct	gatacttagt	atctagagct	gggttgagaa	420
aagtctgtta	cagttgctag	aggttttcat	taaaacttat	cagatgagag	gcttttttag	480
gataagaggt	gagaactggg	caaaagtgtg	gaagcagcaa	ttctgttata	tggacagtgt	540
tctgcttttt	aatcctat	agcttggttc	agaaattctc	acttttggtg	actgccaaca	600
tacaaagtaa	gggaaactca	agatattaag	atggctgtat	cagttcttaa	aatctgcaga	660
gcctgggttca	aatcagtc	ctcccttcag	aagcagacat	ggcatctgtt	ccttgcttgc	720

ttgttggttg tgtcctttca cgagacctga attttagaat tgcccagtgc tgccagagtg 780

<210> 4957

<211> 1210

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1210)

<223> n = A,T,C or G

<400> 4957

gtnnnaacng	ttaacnctc	tgtctttgag	gtccatcggt	cnatcggacn	agtatgnatg	60
catnctccc	ctgtgcgatg	agnntgncan	gannnacagc	acatgggctn	taggaanttn	120
angtgcnaa	nctnncngan	tgnnncngca	cgncnacng	ctncttgccc	gcctaangtg	180
aatatcgtn	ncgacatgna	gtgcatcang	agtganngag	cccctngcnt	gaatgtatnt	240
cgtcntcaat	acnntntatc	gccnacatnc	cttnancntn	gctaccactt	cagcatgatc	300
ccactgctcg	aatttgccat	tcngtaattc	cttaacnagg	ngcntgnaan	ngcggaaaacn	360
ttngtccaag	tnganacccc	tagctcttta	naagcgnttn	tnnntgggga	aaantnccan	420
ncctngnga	caagantngg	atttttaacc	caattggggg	aaacccgcct	tgggcncact	480
ttnggggttt	nnccccaaa	ttttcccncc	cttggganta	aaaanncntn	ttttcaagg	540
gagcgggcct	tcancanatt	nccngttaaa	ggngntttct	gattcaaagn	ccntgnccgg	600
tggaantcna	ngnggnanag	ngnaaaaaat	tcctntnggg	nactgcanaa	attncnncgt	660
tcggattggg	ngnnntntnc	cannanggcc	cctgnttccc	atangggngn	aaaactccgg	720
gccanttttt	ttttaanaaa	aacctnggga	aantcccntt	tnntaattaa	ncacctggg	780
gacgtccana	ttggggggng	acatttgcnc	natggcntta	gcctatantt	cgtaccncng	840
aaaaatcggg	agantnccct	ttganaaaat	tnnccagaa	acntngccnc	anaacctttc	900
ggncnntgg	gtttgtcaa	ttgaaaatcc	aaaaattann	tggcccctgn	nagacnggnn	960
ntcaaatagg	ccgcttnttg	gtacttcncc	taacaatcn	ttngntagng	cattngcgct	1020
caatggnaan	ttcancctnc	cngngnacnt	nggggaanng	attttaaacc	cggaaaaant	1080
ttnaaccnna	acnactgggc	tcatnngcta	cttggnttcc	attaaacccg	cnnttgatta	1140
ncgggnctta	ncagnacttt	gcacggcnat	gcanctagt	acccggnnng	gttncaannc	1200
ttcntntgcc						1210

<210> 4958

<211> 837

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(837)

<223> n = A,T,C or G

<400> 4958

ttttttttac	ttaacatntn	ngcctactcg	gnnctttttg	cagggatccc	atcgcnttcc	60
gaanntcngn	gccgaggggtg	tggnctccaag	ttntncatga	ntagcaacna	ganggtgtng	120
anatnantgt	gtaaggctgn	gaattcttgc	tnaggaatc	gnagaanacc	tgntgctgca	180
aaatcntaca	tgttccacat	gganaggga	gnctaancgc	tattcanaac	anttcnnttt	240
tgtattttaat	taancnattg	cagctatctg	ggatttttcgg	gncagaatat	taanttcctg	300
gntgattctn	catattccaa	tgatnaaaat	ncanaaccat	tgngncttta	agatngtgtc	360
aatnttcacc	taacaactng	tgccnaagc	acctgcattg	gtaatnatat	ttcncttaaa	420
gggcaaatcc	tgncantntc	ctgntaactc	aaaagtgcac	tnntccnctt	caaaaatggt	480
gntctcagtn	atcncacatn	ctgcaganat	ntatttatat	ctatacntat	anctnnntga	540
aatacnntta	ctcacnaaat	ntattntctga	tnaacattcc	catgtttaat	ctnangcccc	600
aaacctttct	aaattntggc	ccctnanncc	nttaatattn	taaaaaaatc	taaaattctg	660
nnntttcaaa	tttgnntnt	aagcnnntnt	aanaaatntt	cncnaccntt	gcctttccaa	720
tacctncccc	cttggnttaa	cnaaatttnc	tttnaatanc	cntcaccttc	ananactgga	780
ttctctttca	aattnnntct	ngcntcgaat	cattantaac	ttttgggnct	ctcncct	837

<210> 4959
 <211> 1302
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1302)
 <223> n = A,T,C or G

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<400> 4959
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ggacgggncn  cnngngccgn nccncacncg chncncnnac acccctttt nccccattt      120
tancaccann atngncnnan cangggggng nannacngng naaaaccng gngagnnccc      180
nnccgcnggg ganncanang ngcngnnaag naaccngng cnncaancan ccngngcgng      240
cccacanaca cnggccanaa gananacgca agcgnacgcg gncgaagncg ggngnacagn      300
aanaaacnnn cngcacngcg naaaangccg cncaacanna gcnaaggng aacngacac      360
ngccngancn cncgncggan ncacngannn ncgcannanc gcacangagc gganaccacc      420
cagcnngccca naangcggca canacgncnc ggggnnnncn anccgngncc canangnnna      480
gacncgggna caccnncca ccccnangcc nagannncan aannccnagn naccnagac      540
annacnnnnn gannnccnnn cnanccgagg nacannncng nanngngac ccnnnnctnn      600
nnngccnana nanncnnac anccccca nccnccgag ngaaacncnn naangaccan      660
cncaanacga cncncgaca nnacacnnng gcccanchna nncaacacna agnnnaccan      720
acngcncnnc gnacnaaacn ncacgncgc ggagcccgaa ccaacgcacg acacgcgacg      780
accgancanc aagaangnga ccncacacgn agcgnccnnn cgcgcganc gccggacnca      840
nngacanncc gaanagannc gcggnangng cacgaancaa cggccannng nnganngagg      900
agcnacaacc ncnacggang cgangccgna nagangacgg accaagacnn gaanaaccgc      960
gaggccnaac aaacggncga cgcccgcgga ancncacnan cncngnnggn canncngac      1020
ccngananca cacancgcnc accacangnn ngnggaacac gacaangcca cgnacanaac      1080
gacgaagcan gaacanagnn gncgcaannn nnancnagnn nggaanacac acncgaaccg      1140
aacacanacg aagnaanaac aagagcanna gnagaagcnn acacagacac naaacngnaa      1200
ccggcccnna gnanccanc gcncnngcan cagngcaca naanncggan nccacgcca      1260
aaacngcnac agnncgcaac gnangncnch acgcanacg cc      1302
  
```

<210> 4960
 <211> 769
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(769)
 <223> n = A,T,C or G

```

<400> 4960
aanaacgtaa ttnaacgcta gcgctctnng ngatccngna gntctntcnt tcttccaatg      60
ccngaananc tgcnnctgna tgnngctaca tgnatctagg tgttgangct ttacncgcna      120
gttgncngat gacgcntggc anangnccag gntntnnmta natccnaaca ncatantgag      180
gnatnggatg cctacnngca gagncgacag aactcacgct ntaaaannag gcgccacaca      240
cgggacgant acgtnagaaa naatncnntg tngtgtntnt tctactcnc ttactcacag      300
cncatcagaa ggaagnngac nacnagctng aagcnggctt nataccnnat atcgnngct      360
acancctgng ncaccactgc catngcgatg cttnactnca nctaattnta ccatnnanga      420
tgntcatgn acctgmncta gncccggcan nctnttggng gccctatnn tagagaacgg      480
cttnnctcca cactgtaatg gtagnattg tggatnttcc tctatcatgg aaggganttg      540
aaacngntnc nctggagggt nnggntgtng actgcacttg nagcattcgn attcatgntg      600
anctcggaga ttactctgg ngttccatca actntgantn caaacangat gatcnnngat      660
taggncgntt tccaatgttt gngccaaatt tgtaanann aacnacngga ttncaannta      720
anttggnnaa nccntnttaa ccnttcgggc tcntgtcct nncntngcc      769
  
```

<210> 4961
 <211> 880

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(880)
<223> n = A,T,C or G

<400> 4961
tnccttnttt actttcgctc ccgttctttt tgcngatccc ncgattcgaa ttcggcacga 60
gagagggtgg ggtctggcca cataggtacc tctgtggctc tggctctggg ttagacactg 120
ttagggacta gcatttattg gacttgtaaa gacagcacct cagaattagt aactacttgc 180
attttagggt ctgttttatg aagccaacaa gtgaatgtaa aataggctct gcatcttttc 240
tgagagccct gtcactgggc agtgagcatt tccaaaattg cagctctgtc agaatgaacc 300
atgaatactt aagaaaggga aagtaggaac agggagcaga gcaaagcata acttgctgtg 360
ttccagggat ttaaaaataa attactgtca agagcaatat aagggtcatg ggtttgatca 420
ngaacttttt tgtaaatgaa aaagttcaca attttggnaa aaacagtgtc agatgtgtta 480
tggaattgt tatcacanaa ttcttcncc tgaaacttca agttntatna agacaaccaa 540
ntatatttgc ctgnngaaat tcttaaattt cttgnncctt atngggaaag gtnaacccaa 600
nacnntcang naancccatc cccntttttt tggcntttgg aaacttgncn acccggttng 660
gncanccccc aatttttcnt aaaaatttaa tggtaaaacc ttttnanacc cantatcant 720
nnnnnccatt ancnaccccn ctncatntac cccngcccn tctncttnaa tanaaacttc 780
tcngntgccc ctttttnnaa anaantcttt tannnncgaa ccccntctt tttcccgcnt 840
nnatattncc ncatccctt tgnanttcac ntactcnnnt 880

<210> 4962
<211> 880
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(880)
<223> n = A,T,C or G

<400> 4962
tnccttnttt actttcgctc ccgttctttt tgcngatccc ncgattcgaa ttcggcacga 60
gagagggtgg ggtctggcca cataggtacc tctgtggctc tggctctggg ttagacactg 120
ttagggacta gcatttattg gacttgtaaa gacagcacct cagaattagt aactacttgc 180
attttagggt ctgttttatg aagccaacaa gtgaatgtaa aataggctct gcatcttttc 240
tgagagccct gtcactgggc agtgagcatt tccaaaattg cagctctgtc agaatgaacc 300
atgaatactt aagaaaggga aagtaggaac agggagcaga gcaaagcata acttgctgtg 360
ttccagggat ttaaaaataa attactgtca agagcaatat aagggtcatg ggtttgatca 420
ngaacttttt tgtaaatgaa aaagttcaca attttggnaa aaacagtgtc agatgtgtta 480
tggaattgt tatcacanaa ttcttcncc tgaaacttca agttntatna agacaaccaa 540
ntatatttgc ctgnngaaat tcttaaattt cttgnncctt atngggaaag gtnaacccaa 600
nacnntcang naancccatc cccntttttt tggcntttgg aaacttgncn acccggttng 660
gncanccccc aatttttcnt aaaaatttaa tggtaaaacc ttttnanacc cantatcant 720
nnnnnccatt ancnaccccn ctncatntac cccngcccn tctncttnaa tanaaacttc 780
tcngntgccc ctttttnnaa anaantcttt tannnncgaa ccccntctt tttcccgcnt 840
nnatattncc ncatccctt tgnanttcac ntactcnnnt 880

<210> 4963
<211> 778
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(778)
<223> n = A,T,C or G

```

<400> 4963
tcttttttttg gaaccnnttn tngctctttt tgcggaccca tcgattcgct ctggagtagc      60
tggtgattaca ggcattgcacc accatgcctg gctaattttg tatttctagt agagacaggg      120
tttcgccatg ttggccaggc tgggtctcaa ctcttgacct cagggtgattc acccacctca      180
gcttcccaaa gtgttgggat tataggcgcg agccaccatg gctcagcctc atgttcggtt      240
ttaaaactta ggatggtggc tcttttacat tgattggtag gaactcttca tattacgagg      300
cagtttagcta gttgtctgtg aaataaaaata ctaatgattg aactttctag gaagtaccta      360
ttctgctaata agtgtaaata tacacttatc cagggtcaga aataactcaag ttaccacct      420
taaaagatct agaaaataca tgaacttggg cttacttgcc agttaaatt gnttatctca      480
gaattgtacc atcaccttaa ttaaagtaga tatgctagga ttatcctgat aactaattaa      540
catagccttt ccccttagt gttcttcacc tgaatgtagt anttgnactc ttcaagtcta      600
gcanaggcca ataaaaagtt cagagttnca naaacatcaa ancctnntcn ancncnnna      660
tannnnctc actcacatcn ncncatcccc acntacaaac ncacnnnnnc nncennntnn      720
ctnccccntt acnnctacct cncnttccn tennaantcc ctcncacgc ncnncnnt      778

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<210> 4964
<211> 778
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(778)
<223> n = A,T,C or G

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<400> 4964
tcttttttttg gaaccnnttn tngctctttt tgcggaccca tcgattcgct ctggagtagc      60
tggtgattaca ggcattgcacc accatgcctg gctaattttg tatttctagt agagacaggg      120
tttcgccatg ttggccaggc tgggtctcaa ctcttgacct cagggtgattc acccacctca      180
gcttcccaaa gtgttgggat tataggcgcg agccaccatg gctcagcctc atgttcggtt      240
ttaaaactta ggatggtggc tcttttacat tgattggtag gaactcttca tattacgagg      300
cagtttagcta gttgtctgtg aaataaaaata ctaatgattg aactttctag gaagtaccta      360
ttctgctaata agtgtaaata tacacttatc cagggtcaga aataactcaag ttaccacct      420
taaaagatct agaaaataca tgaacttggg cttacttgcc agttaaatt gnttatctca      480
gaattgtacc atcaccttaa ttaaagtaga tatgctagga ttatcctgat aactaattaa      540
catagccttt ccccttagt gttcttcacc tgaatgtagt anttgnactc ttcaagtcta      600
gcanaggcca ataaaaagtt cagagttnca naaacatcaa ancctnntcn ancncnnna      660
tannnnctc actcacatcn ncncatcccc acntacaaac ncacnnnnnc nncennntnn      720
ctnccccntt acnnctacct cncnttccn tennaantcc ctcncacgc ncnncnnt      778

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<210> 4965
<211> 827
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(827)
<223> n = A,T,C or G

```

```

<400> 4965
ttagntnaac cctttgaaac ccctttgaan tntttaaacc ctttcnaccg ctacttgntc      60
ttgatccnag mncnctcaa ttccgccttt gttccctctt tccatgccgt ttnttccngg      120
ggcccnngan aacactggtn atattaacag tctttctnag ggtaacttaa tgttttctta      180
atgaacanat gttccagcta ccaattctt atcaanaaat cggcttcctt tntgaaaagt      240
actctcatag aagaaattta gcaatttctc gtgactgact caanctattt taagtatnca      300
naaaagattt tgatcccat tgagttaatg ctctgccttg aaaattantt ttctgatcct      360
tgntagtgat aacatttttt ttctactgaa ggctagagga tnggaaacaa gtattcctct      420
nctgggtatac atgtaatgta ttctgtaaaa agtattcat atnggcaatt ttagttangc      480
ataatattgt ggttgtaatt ttnaaactt tagtggtttt gncctgatta aagccancgc      540

```

ttgatcaggg	tatctcctaa	agaggggnat	tccacctnn	tattcctttc	caatgaatta	600
tnacattcta	aattttcatc	tntggagaaa	nnnacaacca	agnangggga	atnggaatta	660
aaattggggg	tataaatcna	nncttccatt	gnntnaaatt	ggntgccctt	cncaccantt	720
gaagcccatt	tttttatagc	ctcagaaaag	agggaaataa	atgccnccca	cctttttntt	780
cctggtagac	ttngaaaaat	tnaccnttta	agttangaac	aaagtct		827

<210> 4966

<211> 785

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(785)

<223> n = A,T,C or G

<400> 4966

tttgaaccct	ttnacantct	ttgattttta	anccttttnc	cngcncnngn	gcnggancnn	60
ccccnnga	tcggcacgag	ggtgtgcggc	tgtaatttta	gctattcggg	aggctgaggc	120
aggagaatca	cttgaaccca	ggagacgaac	gttgacgtga	cccagatcg	taccactgca	180
ctccatcctg	agtgacagag	cgaaactcca	tcttggggga	ggaaaaaaaa	gaaagtaata	240
gggangnaaa	tcagaanttg	tgtgggantc	cccctatntc	tggtccttgn	tannatactn	300
nacctgtcag	gcnatnctga	gagcgaangc	tnctgcntag	ggctagtttc	cattcagant	360
ggtttttgat	aggcatgaac	tagtctaact	caaagcatac	ttctgtgtaa	gctagcatag	420
ctcctntact	tggtctcata	ncnttggaca	ttaatcgaga	aaagtgaata	aggagggttt	480
ggnctgtcct	tgaatagcat	ttgattntta	atcctacatt	ntatcagagc	cccagcnttt	540
naaatgttta	atagccttat	gtgctgtttt	gccacgctta	cnaagttngt	acttctgtga	600
atgaaaaagt	gtgactggac	tnacataaac	tggnattgac	tnncagtcac	cagtntatatt	660
ccatnttcaa	ggnaaaaccc	aangactggg	ttntcctctn	ttttcttttg	aanatganng	720
cnntaaaaaa	tcaantaatt	ggggctgggg	tgtggaagcc	caccttgtga	aantcttatg	780
ctttt						785

<210> 4967

<211> 975

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(975)

<223> n = A,T,C or G

<400> 4967

annnnanncn	antnnntnnn	atntnannnc	nnctnaantn	ntnnnatcnn	nanncnana	60
anatntnnac	tnnaaanaat	tnctaatagat	taangggggg	tctaatagctt	ggaaactccc	120
ncgantaana	ggttngtcgg	cngctctggc	tgcccgccgg	ttnagcagca	tggnctctnc	180
aggggcacag	tanngcgctt	cccganttac	cggagcgnaa	ctgccaggta	ccgcnaagtc	240
nnctctggna	tcagcgctac	caaggcgagc	ncgantctgc	caagctacct	tagganccgg	300
gactnatect	acttccgtgc	cctactagag	ccggagntnc	ngnccgagga	ccgnatcntt	360
gtntangnt	gcngaacan	ngcncgtgac	tactaatctg	ttccttanga	cgctnccnta	420
atgnnaccag	tgcnagctac	tcactnatac	nnngnagctt	gatangcnng	ctnacnatgc	480
ccatgtgccc	nnatcctcnc	tnngaaaacn	nngaattgtgc	gcgaangctg	ngacntttcn	540
ccaaagcttt	gtttttgaan	tnngttnttc	gaaaaaanng	ncncnacttg	ggaatncccc	600
tnaatngca	tggggggaaa	ctaaagnttc	cccttggnaa	ccccatnnta	nccctttnta	660
aaaagggtat	ttaaccccaa	ctttgggggc	aaccccaaaa	ntnttttgta	aacntntaat	720
nttcggaagc	ccctgggaan	nantttgnng	aancctntag	nnaaggggcc	cnggnanttc	780
ttnttcnttn	naacangaan	nttttttann	gcnngaccn	ncctcgannn	ttttaaaggg	840
gcccnnanan	cnntntttgg	cccnaaaacc	cttttagngg	ttnaggancc	ttgaggaatg	900
cccccttttt	ggnaatgnng	atttccactt	ncnatgngt	aaccnnaanca	naaaangngn	960
gaaaagctaa	aancc					975

<210> 4968
 <211> 1150
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1150)
 <223> n = A,T,C or G

<400> 4968
 gncacgntnt tactccttgg gnaatnagtt ngnttnangc cctttctcta aanagaaatg 60
 ngngntggcg aanttcggca cgagtnngaa gcatncacat atccttagaa tagtnnact 120
 tnggctatna acccctngcc ggctgnggct ccccantgtn gtnantctgn natgtgctat 180
 acccaacctta gagcangggc gccatgcctg gctaatanm ngtnattact tttntcanca 240
 gatggggctct tcactntgnt gnccangctt gngtctagaa ctccctgggct ncaanttgat 300
 actcctgcct gagcctccca aagtgcntgg gattatagac atgagcaaat tgtacttggg 360
 ctcaaaatttc ttgnttnaaa ttgggctttt ttgtcagaag naatgngcnc ncctttgaat 420
 tatnatttttg atcttgttct cattgtatta cttngnacc ctattcnac natangantt 480
 tctatnttta ttcaatgaaa gcngccctgg ggaatttatt tgnaccttng tanccaentn 540
 cngngggcctn tngngnnntc taaatatacnn tngtccgctc tacntnnaat ntcggggggc 600
 nccttatact cnggtncacn nnatngnaaa aatnggttgt cctntaactt tcttnncaaa 660
 atntgcggca gatntntntt gnggnntant tttnnagcn ctnttngtna nntnncnttt 720
 tggngncaan tttatncaact ntgngaaaana nccctcctt atcnntataa ccaatttcgg 780
 naanatnngt canatatnt acattatcct ctaattntn ccccaatang ntnanttact 840
 ctncaaatnn nntantatt cngnntcta tncnanaatt ntctananan ttctntncca 900
 ntttctgnga ntntttctgn aannnttcat ncggtcggan tannctatgn ggacntaaat 960
 nttntancc cccgganntt nttncntaaa aaangataa gnetttttcc acanactcca 1020
 acaaantcct ngtggnnac ttaaaantnnn tcatncctc cnggnaacat gtctnctntc 1080
 ttanagtac ncatnttga tcnatntana aaggnaaatn ntgatnngn gctctntcta 1140
 cttatcanc 1150

<210> 4969
 <211> 772
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(772)
 <223> n = A,T,C or G

<400> 4969
 gnntttctaa ngcnngctnt cttctgcngc tccnncnacc cgtgnntaca cancacgncg 60
 angntnttct gactntttnn ctatgtataa ngcaggngta gttgnntn tn tgcctgccatg 120
 natgnatnna catnncatgt gcagtgtctn acgtaatac ctccnatnaa nctngttggn 180
 cntactnntc nncacntgg atatgncant ttgnncagna cnantgntgc anattggaan 240
 atgatggcct nactcttacn atgtgattgc ctatatgncc tctnnacctt gaatacntnt 300
 gntatnncan ncanagtnt aaaggatgnc natnatagca gcncctcttn naaataagga 360
 aacntccttg aataatgtaa aagcctcata tacaataatg aataataaag aataatgtga 420
 aggccttcat caaggttggn gtttgccaga tcattgcaac aaaatgacag agcanccaac 480
 gtatttanga tagtgcccaa agtattgtaa tgatggctta tggagtgtca gctggataaa 540
 gagtgaat gactaaaaac taatggattg ttcagtcgaa tagcanatgg tcaatgggtca 600
 tggcagatg aataggggga cccaaatana aattggaaga cccagtcana agtggggant 660
 tgatcaattc canccaaaag tgggaatggg caggggaatc ggtaggcccc anggttccaa 720
 aaatgttacc agnggncaat tttgttgccc ccatgggtggg gaatccaang gc 772

<210> 4970
 <211> 710
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(710)
 <223> n = A,T,C or G

<400> 4970
 ttcnaatagc tnggctcttg ttctttttgc aggatccctc gattcgaatt cggcacgaga 60
 gtggctggat aaaaggatgt gtgggaaaga actgagttga aattaggagt tagaatttta 120
 ttctttggta ctaaggaatc attgaagatt ttaaaattag ggctgacata atcagatttg 180
 agtttgggaa cctatagttt gggactggag gaagacaggt gccagacacc agttaaaaag 240
 ctgttatattt ctaagcagta gacaaagggt tacactgaca atagctgtgg agatagagaa 300
 aagctgcgag atttcagagt tttccaaggt gtaaacaact aaattttgtg atcaaaatga 360
 taagggccat ctaataagct ggggaatgtg ggatctgtct tggttgagtt ggtggattaa 420
 ctgagattaa cagagctgga ggaaatgtaa aaagaaaggc aggattgttc attttgtcctt 480
 ttgtttgttt tggggaacag ggtcaaaatt ttcatctctg ataaggtagg tttagtcttt 540
 ttcaaaacat tctagtaggc aagtctgtag ctgaatcttg gaagaaaggc aaccatagta 600
 atatttttga gttcctactg tttatttttt caataaaaac tcaggttctc aggttagcag 660
 atcatggtct taggaaggta gctgtagaac ccaaaatata aattcctaan 710

<210> 4971
 <211> 710
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(710)
 <223> n = A,T,C or G

<400> 4971
 ttcnaatagc tnggctcttg ttctttttgc aggatccctc gattcgaatt cggcacgaga 60
 gtggctggat aaaaggatgt gtgggaaaga actgagttga aattaggagt tagaatttta 120
 ttctttggta ctaaggaatc attgaagatt ttaaaattag ggctgacata atcagatttg 180
 agtttgggaa cctatagttt gggactggag gaagacaggt gccagacacc agttaaaaag 240
 ctgttatattt ctaagcagta gacaaagggt tacactgaca atagctgtgg agatagagaa 300
 aagctgcgag atttcagagt tttccaaggt gtaaacaact aaattttgtg atcaaaatga 360
 taagggccat ctaataagct ggggaatgtg ggatctgtct tggttgagtt ggtggattaa 420
 ctgagattaa cagagctgga ggaaatgtaa aaagaaaggc aggattgttc attttgtcctt 480
 ttgtttgttt tggggaacag ggtcaaaatt ttcatctctg ataaggtagg tttagtcttt 540
 ttcaaaacat tctagtaggc aagtctgtag ctgaatcttg gaagaaaggc aaccatagta 600
 atatttttga gttcctactg tttatttttt caataaaaac tcaggttctc aggttagcag 660
 atcatggtct taggaaggta gctgtagaac ccaaaatata aattcctaan 710

<210> 4972
 <211> 710
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(710)
 <223> n = A,T,C or G

<400> 4972
 ttcnaatagc tnggctcttg ttctttttgc aggatccctc gattcgaatt cggcacgaga 60
 gtggctggat aaaaggatgt gtgggaaaga actgagttga aattaggagt tagaatttta 120
 ttctttggta ctaaggaatc attgaagatt ttaaaattag ggctgacata atcagatttg 180
 agtttgggaa cctatagttt gggactggag gaagacaggt gccagacacc agttaaaaag 240
 ctgttatattt ctaagcagta gacaaagggt tacactgaca atagctgtgg agatagagaa 300
 aagctgcgag atttcagagt tttccaaggt gtaaacaact aaattttgtg atcaaaatga 360

taagggccat	ctaataagct	ggggaatgtg	ggatctgtct	tggttgagtt	ggtggattaa	420
ctgagattaa	cagagctgga	ggaaatgtaa	aaagaaaggc	aggattgttc	attttgtctt	480
ttgtttgttt	tggggaacag	ggtcaaaatt	ttcattctgc	ataaggtagg	tttagtcttt	540
ttcaaaacat	tctagtaggc	aagtctgtag	ctgaatcttg	gaagaaaggc	aaccatagta	600
atatttttga	gttcctactg	tttatttttt	caataaaaac	tcaggttctc	aggtttagcag	660
atcatgggtct	taggaaggta	gctgtagaac	ccaaaatata	aattcctaan		710

<210> 4973
 <211> 755
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(755)
 <223> n = A,T,C or G

<400> 4973						
tcttttcnaa	tcnnntggcn	cttgttcttt	ntgcaggatc	cctcgattcg	aattcggcac	60
gagagtggct	ggataaaaagg	atgtgtggga	aagaactgag	ttgaaattag	gagttagaat	120
tttattcttt	ggtactaagg	aatcattgaa	gattttaaaa	ttagggctga	cataatcaga	180
tttgagtttg	ggaacctata	gtttgggact	ggaggaagac	agggtgccaga	caccagttaa	240
aaagctgtta	ttttctaagc	agtagacaaa	ggtttacact	gacaatagct	gtggagatag	300
agaaaagctg	cnagatttca	gagttttcca	angtgtaaac	aactaaattt	tgtgatccaa	360
atgataaggg	ccatctaata	ngctggggaa	tgtgggatct	gnctgggctg	anntgntgga	420
ttaactgaga	ttaacanagc	tggangaaat	gtaaaaagaa	aggcacgatt	gntcatttng	480
tcttttgttt	gttctgnnga	accagggtcn	aaatttccat	tctgcatnan	gtncgntnag	540
tccttttcaa	aacattctta	cttangcaag	tcctgtcnct	gaatcttnga	aagaaaggca	600
ccntnnctaa	tatttttgag	ttccctactg	nttaatcttc	cccaattaaa	acctcacgtt	660
ctcnagggtt	cccacaacat	ggcccttacg	gaangctngc	ttgtcncaac	ccaaaactct	720
cacattncct	taaacntttt	nccccatttg	gggcn			755

<210> 4974
 <211> 755
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(755)
 <223> n = A,T,C or G

<400> 4974						
tcttttcnaa	tcnnntggcn	cttgttcttt	ntgcaggatc	cctcgattcg	aattcggcac	60
gagagtggct	ggataaaaagg	atgtgtggga	aagaactgag	ttgaaattag	gagttagaat	120
tttattcttt	ggtactaagg	aatcattgaa	gattttaaaa	ttagggctga	cataatcaga	180
tttgagtttg	ggaacctata	gtttgggact	ggaggaagac	agggtgccaga	caccagttaa	240
aaagctgtta	ttttctaagc	agtagacaaa	ggtttacact	gacaatagct	gtggagatag	300
agaaaagctg	cnagatttca	gagttttcca	angtgtaaac	aactaaattt	tgtgatccaa	360
atgataaggg	ccatctaata	ngctggggaa	tgtgggatct	gnctgggctg	anntgntgga	420
ttaactgaga	ttaacanagc	tggangaaat	gtaaaaagaa	aggcacgatt	gntcatttng	480
tcttttgttt	gttctgnnga	accagggtcn	aaatttccat	tctgcatnan	gtncgntnag	540
tccttttcaa	aacattctta	cttangcaag	tcctgtcnct	gaatcttnga	aagaaaggca	600
ccntnnctaa	tatttttgag	ttccctactg	nttaatcttc	cccaattaaa	acctcacgtt	660
ctcnagggtt	cccacaacat	ggcccttacg	gaangctngc	ttgtcncaac	ccaaaactct	720
cacattncct	taaacntttt	nccccatttg	gggcn			755

<210> 4975
 <211> 755
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(755)
 <223> n = A,T,C or G

<400> 4975
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 gagagtggct ggataaaagg atgtgtggga aagaactgag ttgaaattag gagttagaat 120
 tttattcttt ggtactaagg aatcattgaa gattttaaaa ttagggctga cataatcaga 180
 tttgagtttg ggaacctata gtttgggact ggaggaagac aggtgccaga caccaggttaa 240
 aaagctgtta ttttctaagc agtagacaaa ggtttacct gacaatagct gtggagatag 300
 agaaaagctg cnagatttca gagttttcca angtgtaaac aactaaattt tgtgatccaa 360
 atgataaggg ccatctaata ngctggggaa tgtgggatct gncntggctg anntgntgga 420
 ttaactgaga ttaacanagc tggangaaat gtaaaaagaa aggacagatt gntcatttng 480
 tcttttgttt gttctgngga accagggctn aaatttccat tctgcatnan gtncgntnag 540
 tcentttcaa aacattctta cttangcaag tctgtcncct gaatcttnga aagaaaggca 600
 ccentnctaa tatttttgag ttccctactg nttaatcttc cccaattaaa acctcacgtt 660
 ctcnaggtnn ccacacaacat ggcccttacy gaangctngc ttgtcncaac ccaaaactct 720
 cacattncct taaacntttt nccccatttg gggcn 755

<210> 4976
 <211> 761
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(761)
 <223> n = A,T,C or G

<400> 4976
 cntttctttt tnaaacntt tgcctactcg ctenttttgc aggntcccat cgattcgctg 60
 gttttgattg gtcagattct tttttcacta gcggcggttt ttcttttatg tcttggtata 120
 aagaagtatc tcattggacc ctattatcgg aagctgcaca tggaaagcaa ggggaacaaa 180
 gaaatcctga tcttgggaat atctgccttt atcttcttaa tgttaacggt cacngagctg 240
 ctggacgtct ccatggagct gggctgtttc ctggctggag cgctcgtctc ctctcagggc 300
 cccgtggtea ccgaggagat cgccacctcc atcgaacca tccgcgactt cctggccatc 360
 gttttcttcg cctccatagt ttctctggcg gcgctgtgcc tgtctctcat tctgccgagg 420
 agcagccngt acatnaagtg gatcgtctct gcngggcttg cccaggtcan cgagttttcc 480
 tttgtcctgn ggagccnggc gcgaagagcn ggcntcatcc tctcnggagg tgtaccctnc 540
 nttatacttg antgtgacca cgctnancct cttgctcgcc ccngtgctgt nnaaaagctn 600
 cnaatcccga agtgtgtgcc cngaccgaa gaancngtc canctttga tggtctcnna 660
 gatgattgga cccttgga ngggaacctc ttcnngnga actnaancgc nttaaaatng 720
 ccananaanc ngctnccttt ctcgnaacc nncnccccnc n 761

<210> 4977
 <211> 761
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(761)
 <223> n = A,T,C or G

<400> 4977
 cntttctttt tnaaacntt tgcctactcg ctenttttgc aggntcccat cgattcgctg 60
 gttttgattg gtcagattct tttttcacta gcggcggttt ttcttttatg tcttggtata 120
 aagaagtatc tcattggacc ctattatcgg aagctgcaca tggaaagcaa ggggaacaaa 180
 gaaatcctga tcttgggaat atctgccttt atcttcttaa tgttaacggt cacngagctg 240

ctggacgtct	ccatggagct	gggctgtttc	ctggctggag	cgctcgtctc	ctctcagggc	300
cccgtggtca	cagaggagat	cgccacctcc	atcgaaccca	tccgcgactt	cctggccatc	360
gttttcttcg	cctccatagt	ttctctggcg	gcgctggtcc	tgtctctcat	tctgccgagg	420
agcagccngt	acatnaagtg	gatcgtctct	gcngggcttg	cccaggtcan	cgagttttcc	480
tttgtcctgn	ggagccnggc	gcgaagagcn	ggcntcatcc	tctcnggagg	tgtacctnc	540
nttatacttg	antgtgacca	cgctnancct	cttgctcgcc	ccngtgctgt	nnaaaagctn	600
cnaatcccga	agtgtgtgcc	cngacccgaa	gaancnngtc	cancctttga	tggcttcnna	660
gatgattgga	cccntggaaa	ngggaacctc	ttcnngngga	actnaancgc	nttaaaatng	720
ccananaanc	ngctnccttt	ctcggnaacc	nnccccnc	n		761

<210> 4978

<211> 761

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(761)

<223> n = A,T,C or G

<400> 4978

cntttctttt	tnnaaccntt	tgcctactcg	ctcnttttgc	aggntcccat	cgattcgctg	60
gttttgattg	gtcagattct	tttttcaacta	gcggcggttt	ttcttttatg	tcttggtata	120
aagaagtatc	tcattggacc	ctattatcgg	aagctgcaca	tggaaagcaa	ggggaacaaa	180
gaaatcctga	tcttggaat	atctgccttt	atcttcttaa	tgtaaacggt	cacngagctg	240
ctggacgtct	ccatggagct	gggctgtttc	ctggctggag	cgctcgtctc	ctctcagggc	300
cccgtggtca	cagaggagat	cgccacctcc	atcgaaccca	tccgcgactt	cctggccatc	360
gttttcttcg	cctccatagt	ttctctggcg	gcgctggtcc	tgtctctcat	tctgccgagg	420
agcagccngt	acatnaagtg	gatcgtctct	gcngggcttg	cccaggtcan	cgagttttcc	480
tttgtcctgn	ggagccnggc	gcgaagagcn	ggcntcatcc	tctcnggagg	tgtacctnc	540
nttatacttg	antgtgacca	cgctnancct	cttgctcgcc	ccngtgctgt	nnaaaagctn	600
cnaatcccga	agtgtgtgcc	cngacccgaa	gaancnngtc	cancctttga	tggcttcnna	660
gatgattgga	cccntggaaa	ngggaacctc	ttcnngngga	actnaancgc	nttaaaatng	720
ccananaanc	ngctnccttt	ctcggnaacc	nnccccnc	n		761

<210> 4979

<211> 850

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(850)

<223> n = A,T,C or G

<400> 4979

ntcnttttgt	ttttcaancn	attngectac	ttgttcnttt	tgcaggatcc	catcgattcg	60
ctggttttga	ttggtcagat	tcttttttca	ctagcggcgg	tttttctttt	atgtcttggt	120
ataaagaagt	atctcattgg	accctattat	cggaagctgc	acatggaaag	caaggggaac	180
aaagaaatcc	tgatcttggg	aatatctgcc	tttatcttct	taatgttaac	ggtcacggag	240
ctgctggacg	tctccatgga	gctgggctgt	ttcctggctg	gagcgtcgt	ctcctctcag	300
ggccccgtgg	tcaccgagga	gatcgccacc	tccatcgaa	ccatccgcga	cttccctggcc	360
atcgttttct	tcgctccat	agtttctcct	ggcggcgctg	gtcctgtctc	tcattctgcc	420
gaggagcagc	cagtacatca	agnggatcgt	ctctgccggg	gcttgcccag	gtcagcgagt	480
nttncctttg	ccctggggag	ccggggcgcc	aantagcggg	cgtcattctt	cnggaagggtg	540
tacctccnt	atacctgagn	ngtgaccnc	gcctnaagcc	cttcttgcc	cgcccccccg	600
tncttttcgn	aananncttn	ncnatccncc	aagggttgtn	nttgcccc	anaacccccg	660
gnancanaan	ccgggtnc	aanccnttc	ttnaannngc	ctttcgggcn	anattcnaa	720
tggggcccc	ctcngnnaaa	ngggnaaaan	nccttcttnt	nngngggaaa	tattgaaacc	780
nccttnaaaa	natgggnccc	nnccnacctc	gctccctttt	tntggggcaa	aacctnnngc	840
caccntnccg						850

<210> 4980
 <211> 1523
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1523)
 <223> n = A,T,C or G

<400> 4980
 ggggggggngn ngcgngngntn gggggggggg gtntttcnnn nnnnttgng acaccccttt 60
 ttttnggggg ganaaaaaacc cnnngngagg ngcgngnggg ggctngnggg ganntctggg 120
 nngngngggg ngggggggcn ggnntggagn ngngngnggn cncgngngng ggcgngngnc 180
 gngnggggng gggngggggt nntttttttt tngggnnccg ngaggggggg ancnaaggcg 240
 nngggggggg ggggggggnt gnggttgcn gggngggagg gggngggag gnngaagggg 300
 agnggcggg gannggcgg cagnggagg gggncgnggg ngggtggcg gnggngggcg 360
 gngngngngn gccgnnttn gggngcgcg gcgctnggg cgccggcggg gangngcgcg 420
 gncgtngag ggnagacgg agncgnggca nngagctggn gtcngngcn gggcgggcg 480
 nagnagnag gctcnatng gggngggcg gnggtgnggn ggggncnccg agngggggga 540
 nnaggcgtng ggcnggntcg nngngcggg ggcgancgg gagnntgng ngggggccag 600
 gngngggngg ggggncgggn ggggngnatc gcnnngcgnt gacggngtgn ncgggnccg 660
 cngggcgcg gngancncgg gaggaacgnc gcangggggn cagtggtn gnccggangt 720
 cngtgtngng cgagngngn gagaggagn gnnngtggt gggngcgagg ggatggccga 780
 gngtcngng gggggaggng gngngngngn nngaggcg tngntggct nngggggccc 840
 agngcngggc nngcngngn agggngnnn gggngaggcg gcntgggnt gccaganagn 900
 gnnctggggg gngtagagng cggngnggg gnnntgng agacggcg agcgggcg 960
 ngcgggcg gngngngcgt gnnagagcg gcggngcg gtgngnccg gcgngcnng 1020
 gcagaggng gacacagcn cggagngng tgnatgnga gangagnng nnnngtgcg 1080
 nacggttagc gggcngcng gagagnagg tngcngtggt ggagcncg cngctagag 1140
 aggcngcg gngngatag gngggngga gcntgngng ganncgatc tagggagcg 1200
 gagtggng nggtngacgn gaggggng tngtnggaga gngggngagc cngngcngn 1260
 tgtagagagn cagngcggt ccngtggtg anagggcg tgcnnngta ganatggntg 1320
 nngcncgtcg gcngcgagg cntagngng ngtgngng gangagcng tgtggcgng 1380
 cgcnngggg ggcgngcng tgacgntng cgcatngn ngccnccg ngcgngcga 1440
 gangngang gngngcnnn cgcngggaga nngnaggna cagggcgagg gangcgangn 1500
 gntgtgtggn agngcggn ggt 1523

<210> 4981
 <211> 757
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(757)
 <223> n = A,T,C or G

<400> 4981
 tnttctcnn tnaaccctt tttctaaagn cccttttgca ggatcccatc gattcgggag 60
 aactgctcac tccttttccc tcccataca aactcaaagt cctttgggcc ccaattcaga 120
 gttatgtttt ttttggcaca tactagaaag gcagtgcctc agccctccc tgaatccatg 180
 gaggtgttct ttttggggt ttttagactg ctgctgtca gctggttgc tgaactgaca 240
 gtagggcagc ctgttctctg ccattcccta gtcatectgt gcctcaccac agcttgctta 300
 gagcaagcct tttctcagac cttaggcaca gcctctctc tttacctgat caatgttaaa 360
 tgtaagcacc cctgatccca ggacataagg aaagatgccc aattgtactt ttgttctata 420
 gcctgtgaaa tggctagtgt atcattttc cacaaagaat taggtgttaa gagttttcct 480
 tcaggcttta cttaggagaa tggactaagc tgaagggtga cttcaccagc aagagtcaac 540
 tctagaattc aggatgttcc ttctattggn ttcttagcca tctgtcagga aatgtaaact 600
 ttggttttat tttttggtt atnccaaagg ggtaaanccn gaanatagaa aatggataat 660

tttctnattn aatagcngaa ncctttttca atctccaaat atataanggn gccnctctn	720
ttnaaaagct ctaagcctaa agtcaagagc taggant	757

<210> 4982
 <211> 728
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(728)
 <223> n = A,T,C or G

<400> 4982		
gaggnnttga agccttttta tagatacagg ctacttggtc tttttgcagg atcccatcga	60	
ttcgctctcc cgggcttaga agggccggct actgacgcgc agtgccagac cttaccctc	120	
acggncccta agtctcggtc gccctcgctc cgcagcgtgc caccgcgct cagctgccg	180	
cctcctcagc cagccatgct ggagcatctg agctcgctgc ccacgcagat ggattacaag	240	
ggccagaagc tagctgaaca gatgtttcan ggaattattc tttttctgc aatagttgga	300	
tttatctacg ggtacgtggc tgaacagttc ggggtggactg tctatatagt tatggccgga	360	
tttgcttttt catgtttgct gacacttcct ccatggccca tctatcgccg gcacctctc	420	
aagtggttac ctgttcaaga atcaaagcac anacnacaag aaaccanggg aaagaaaaat	480	
taagaggcat gctaaaaata attgaggttt tcatgattca gcacctgctt ttgnttctgt	540	
gagatgagct aaatttgctt tcatacccca gataagagct taaaaccac ctaatgctct	600	
tatggcacia ctggggata gaatttaagt tctctttata cttcaattct agcccaantt	660	
gggttttgat taatataagt ngtttaaacc ttntcttnat aacttgctct gaaatgggga	720	
acaaaaant	728	

<210> 4983
 <211> 747
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(747)
 <223> n = A,T,C or G

<400> 4983		
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gcacgagcta ggatgacatc tgggtgtattg actgtggcca gtcttaaagc tagtttttgc	120	
tatgtggaac atgtgctctt aattcagatt taaagagttt cttcctgtta attcgaagct	180	
cactgtgcct ctgtttccg agggagaag gactgattaa gtcactaaa tggatgcaat	240	
actgaattac aggtcagaag atactgaaga ttactacaca ttactgggat gtgatgaact	300	
atcttcgggt gaacaaatcc tggcagaatt taaagtcaga gctctggaat gtcacccaga	360	
caagcatcct gaaaacccca aagctgtgga gacttttcag aaactgcaga aggcaaagga	420	
gattctgacc aatgaagaga gtcgagcccg ctatgaccac tggcgaagga gccagatgtc	480	
gatgccattc cagcagtggg aagctttgaa tgactcagtg aagacggtgg gtttctcgct	540	
gggtgcgacg tgaatttggt aagctcanga tgcccattgga ttagactcat gtagtagctt	600	
aaagagtcac taggcgatag ganggagaaa ccaagaagtt agcagaatct ggatataatt	660	
cantgtccgt aaatcccatg aagagaagct catcagaatt aaggcaatgg aatttgtgcc	720	
caaaaaaaaa aaaaaaaaaa actcggn	747	

<210> 4984
 <211> 1195
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1195)

<223> n = A,T,C or G

<400> 4984

gggnnnnnnn	nnnnannann	nannnnngnn	ngnnnnannn	nnnnncnnnn	anannancnn	60
nnnannnnna	ggnggaggag	nangannnnn	ancnntttna	nccccnttt	ttnnctaaaa	120
aaagnaccct	tggggttaaa	ancnccccnt	tgnnccccnn	aacacgagaa	aaaagggggg	180
cnggggggng	gnnnnagng	nannnccnnn	nnncnncnng	nnacnaggn	cnggagcnaa	240
gaagnnaacn	ttttntanca	ngnnaanccn	atnnncnna	nagcancnc	ggggggaaan	300
cnggaagacc	ncncnnnggg	nnnaannana	nnancnanca	nnngngagca	aacanngana	360
nnnannnggc	nnaagcnaac	ncnnannnnn	nncccagnca	cgnnncnncn	gnncnnnnnn	420
nannaccnac	ancncnnnng	acnnaagaan	nacgncaana	aacgnannna	cncnancnca	480
gnacnnagcn	nnanaacacc	canncanaac	caaaaaanann	ncnatngcnn	nnngnnnnnn	540
nccnnnncaa	nnnnncnnnn	nccgcnnnna	nancnnncan	ncagncacan	ncgcacancn	600
ancnccanna	gananngcc	aancnnaann	ncannaggnc	annnacntna	aggcanacan	660
acngnncagc	acncnnanac	gangccnnag	nganccacac	anncgannnn	cnnnnnnnac	720
gnaaananca	ngacngcnn	ncangcgnac	anaaganana	acnnacganc	cnannnaaac	780
ancagcnanc	annannannn	anngcnnncn	nnngannncn	ngnncgacan	acanananna	840
nnngngancc	cnnagacnan	ngacnaaaanc	annacganga	cangcnggca	ncnactcaan	900
nannagnacn	cccnanaacn	acncnnaccn	ncgcngacac	naccaaanaa	nnaacancac	960
nannaacnga	naanacnacc	nccgcnnngn	ccganccnag	cncncnnnag	ncnnaaccnn	1020
annaccannn	ncannncncc	cncgagccgn	ccngacanac	acncagaacc	nnnnnacaac	1080
aanacnncnca	tcanannngn	cnnccacnan	ntncncacga	cnancgcana	cnncgacnna	1140
ncnnngnant	nncagcgaca	gcgnanacnc	ntacnngnna	acnnncnnnc	gnccg	1195

<210> 4985

<211> 735

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(735)

<223> n = A,T,C or G

<400> 4985

gcaatgtgct	ctngtctttt	tgcaggatcc	ctcgattcga	attcggcacg	aggccttttg	60
tggggtctca	tacataactc	agtttccaca	aagctgtgcc	ccagctcagc	cctatggnta	120
gaagcatggt	ctgggggttc	tttgtgacc	aggggtgtgt	ctttgtccaa	gttactgacc	180
ttcccaaacc	tcatcaatgc	acataaaaag	agcacttgca	aacaatgaat	ctagacatgg	240
accttcacaa	agaaataact	caaaatggat	cccaggccta	aatgaaaaat	gaaaaactat	300
aaaactccta	gaagataaca	taaaagaaga	tctagatgac	ctagggtttg	gcaatgactt	360
tttagatcca	gcaccaagg	caggatccag	gaaagaaata	attgataagc	tggacttcac	420
taaaacgaaa	acttctgctc	tgtgaaagat	gctgccaaaa	aatgaaaaga	caagccacag	480
actgggagaa	aatatctttg	atggaaatat	ctgagaagag	aggcttggtt	tccaaaatat	540
acaaagaatt	tctaaaactc	aataatttga	aaataaacia	ccaatttta	aaagtgggcc	600
aaagatctta	aatgacgcct	taccaaagga	agatcccngg	atggcaaaat	aagcntatga	660
aaagatgctt	ccnggctggg	cacngtggct	nacgcccgt	atnccancct	ttnggatgcc	720
aaggcaggca	gacn					735

<210> 4986

<211> 1497

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1497)

<223> n = A,T,C or G

<400> 4986

cnttcnnntt	cntgaacctt	tttttccnat	tccccntna	tctcncgtaa	tncccnncan	60
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ganttnccnc	ngcatccna	cttantntcn	tntgngngcn	cagaagntnc	gngacnnttt	120
tttngcccc	canactgcgn	gtttntanna	ngnnancgcc	nngtcngtnn	tnncnttgnc	180
nnnnnatatc	cannccnnc	tnnntnccct	ancgcacant	ntcncaatan	tnnaacgnnc	240
nantnaccct	nccnatccac	ntcanagtaa	aatnctnmca	attncancat	tagtgnnttc	300
nannacctnn	ccgtnnatat	ctgnnttcca	tccacaaaagn	ccaatcnng	natcncnntn	360
tnantatncn	ntagagnncn	ccnnntccca	tctatcgnet	nnnnnatnct	nggaccnnnn	420
tcccatncca	nnngtnann	cngantnntg	tgncacnnt	gngnncngca	tctcaancat	480
catctcgtct	cttgacgatn	tncttantcg	gcgcattagg	ntcnatcgnn	tantnngntc	540
ancacctant	ntaatctcan	ttnatcann	tctacctatn	tcatatcngc	canacagtct	600
cnctctaaat	ncnncgcann	gcncatntat	caantcanna	nactcntata	nctcacatnt	660
ctcnngngnc	atntactctc	cnagctctgt	catttttntc	atctntctct	ctgatacagc	720
cacntnggaa	aactagcnn	tcactcacna	tagcnnatc	tatacgctcn	ctntcnnag	780
ngactcgata	natgcgtgcg	tgntcnmtct	atagcnnmnn	nctcattngc	atnananac	840
tcnntcgcgc	nactgttgtc	ntcatcttgn	nncantacan	tgagaagtnt	tatatatagc	900
nacnananat	atagactcat	ctcactacnn	angacgcan	gctanactnt	acttatanac	960
ctcacnattn	gncactntac	ttatactntc	ncntntntga	nacggctnca	gtatatcgcn	1020
gggntctcac	ttactntnng	cnctntnact	ntcctnngng	cnnnnaacag	tatntacact	1080
ctatnaatcn	canacgncna	ctgctccatt	ctgnnccaan	ntctctctc	gcancnnnt	1140
nnnnntcgna	tnngcncgat	cattgcnmnn	natngngtcn	ctctncanna	ctnctctctn	1200
gncngccanc	cacnnngnag	cntctcnmct	atnncgatcn	tnngncactn	antaaacctc	1260
atcacatcnt	cntctctccn	cnctntnnan	atctaccctn	ntnttnaatg	cntnatgtna	1320
ctccacgant	atntncact	ttatcnmtnt	cnctntatc	gmnctctnt	tancagtctc	1380
nacttattng	ctctnnngnc	cnacnnttna	gcctcnccgn	ttnatactcc	ntcncnatgt	1440
ccgntccncg	nagcnncata	ngngnntnnn	ntatcntata	cgntncanan	tcgacnt	1497

<210> 4987

<211> 769

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(769)

<223> n = A,T,C or G

<400> 4987

tttctaaatg	gcttggnctc	ngttctttct	ncangatccc	atgcgattcg	aattcggcac	60
gagcccagag	aagagctttt	cagagaaagg	tacagacaag	aagctagaaa	gagtgggaagg	120
agcagcagtc	ttgcaaggaa	gcagggcaga	gacacagccc	atggcccctc	actgccctgc	180
tggaagggtc	gatggagctc	cccgcacatg	gttcctgcct	gggtgacaga	ggctcctgtg	240
gccacttttag	aagtgcggtt	tactcctcat	gccgagatgg	accttgggca	gctcagttca	300
caagatgttg	gtcaggcgtc	atttaaatat	tttcagtcag	cagaggaagc	aaagcgtgcc	360
attgaggctt	gtgctgtcag	cggatcctcg	gtctgtgtac	cgccggaagc	tttgccagga	420
ccgccttttc	tactttactg	tagacatagc	gcagtgcact	tgctggtttg	gtgatggctt	480
tgcagagggtg	ctgaggatca	agccggcttc	tgagcctggt	catatgactg	gccctgtggg	540
gtccttggtg	tctctggggt	cttaaggagc	ctcctcatgt	ctttaangta	gcatcattga	600
tctttggatg	tggtttttgg	attttctgaa	caagctaatt	ttgtgtcaaa	gaaccaccac	660
tttgtgatct	catnggcttt	gattgatttg	ggcttggtca	aaatggttat	ttgaaaaaac	720
gtntacnttt	aataaaactt	ancaaagaga	ttntaaaatc	ccganaaaa		769

<210> 4988

<211> 795

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(795)

<223> n = A,T,C or G

<400> 4988

ttgtacntct	tttttnnaaac	centngctac	ttgttctctt	tgcanggatc	cctcgattcg	60
ggaatctcct	agaaagtgtg	gatttttcgag	ccatatacctt	ctgtggtaga	tcctaataatgat	120
cctcagatgt	tggccttcaa	ccccaggaaa	aagaactatg	atcgagtaat	gaaagcactg	180
gatagcataa	cttctatcag	agaaatgaca	caagcaccat	atctggaaat	caagaagcaa	240
atggataaac	aggacccct	tgctcatccc	ttactgcaat	gggttatatc	aagtaataga	300
tcacatattg	tgaaactgcc	agttaacagg	caattgaagt	ttatgcatac	tccacatcag	360
ttccttcttc	tcagcagtc	accagccaaa	gaatccaatt	ttagagctgc	taaaaaactc	420
tttgggaagca	cctttgcatt	tcatggctca	cacattgaaa	actggcactc	ctcctganga	480
atggctcggg	ngttgcttct	aatacacgat	tgcagctnca	tggngcaatg	tatggaagtg	540
gaatctatct	tagtccaatg	tcaagcntat	cattttgntt	actcagggat	gaaccangaa	600
acagaaaggt	ntcagcccag	gacgagccac	cttcaagcng	ttaanaagcc	agcaattaca	660
ttcacagtcn	ccaggaaana	aaaggncagn	cctatcccc	ctttncctgg	caaaggccc	720
gtnaacctta	aanaaactgc	ctttagccct	ttatnntgga	aagtggattc	ncncttnatt	780
cttggaacccc	tgncn					795

<210> 4989

<211> 737

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(737)

<223> n = A,T,C or G

<400> 4989

ggaatngctt	ncnnnnngctc	ttgtgcnga	tccntatnn	nnngcgccac	cgtgcctggc	60
tggacatgtc	aatttgaagt	gaatggtaa	ncatccagct	agctgaaagc	atggcagacc	120
ctancagaaa	agctncagt	tgttntgca	gctatnaagn	gaatggnttc	ctggggaaaa	180
ttgtgacttt	gnntaactgt	tgttgaaacc	agaataaatt	atatttcact	tgcatatgca	240
taaattatta	aaattttcag	aagtcagtga	tacagaagta	ctatnttgca	atgtnaatct	300
gcttgagtct	ttggagaaa	tggtttcatt	gtangtacat	agngcactgn	taatatttta	360
aacaagtnnt	tnactcttcc	atntaaggga	tagcatntcc	ttgtataaaa	tgactggatg	420
tgtataaagg	aattatggtg	tcatgtgcct	ttaaccagct	ntantcatta	ctataatctg	480
atatttatga	tanttcnggn	nngtgacagg	accatatgaa	aatntcttat	gtcancnct	540
cacttttagat	tntatnatta	tnacattac	tggggtntta	ncctttgcta	atgtgaagcn	600
ttcttcccta	ntaagtctac	attacctnt	gtcatttan	atcatatc	acnataactt	660
tataantnat	ctnanaccnn	gcccttgcc	nttanacttt	cnnncgcnca	ttaccgtaga	720
tcngacatg	ataagaa					737

<210> 4990

<211> 772

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(772)

<223> n = A,T,C or G

<400> 4990

tttntaant	gnntnggtnc	tcgttcttct	tncannangc	ncntgcgntn	cgaattcggc	60
acgagcccc	ccctagatac	tggcactact	gaggaggatc	gtttaaaaat	tgatgtaatt	120
gactgggttg	tatttgaccc	acgcagaggg	canaagcact	gaaacaaggc	aatgcaatta	180
tgagaaaatt	cttggcatca	aaaaagcacg	aagctgcaaa	agaagtattt	gtgaaaattc	240
ctcaggattc	tatagcagaa	atctataatc	agtcgagga	acaaggaaatg	gaaagtccac	300
ttcctgctga	agatgataat	gctatccgag	aacatttggt	catcagagct	tatttggaag	360
cccatgaaac	ctttaatgag	tggtttaagc	atatgaattc	agttccacaa	aaacctgctt	420
tgatacctca	accaactttt	actgagaaa	tggctcatga	acacaaaagaa	aagaaatgatg	480
aaatggattt	tggatatttg	aaagggcatt	tggatgccct	aactgctgat	gtgaaggaga	540
aaatgtataa	cgtcttggtg	tttgttgatg	ganggtggat	ggtggatggt	agagaggatg	600

ccaaagaang	accattgaaa	agaacacatc	aatgggtctt	acctgagaaa	gctttgtctg	660
cccattggtt	gttttctggt	tcataccnat	attgccaan	actggtcaat	ttcaggaatg	720
cctacagtta	ccantatggn	atcctntnag	cgccacanac	tggacctggt	nt	772

<210> 4991
 <211> 828
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(828)
 <223> n = A,T,C or G

<400> 4991						
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acgagaaaag	annaaaaaag	gaannacacn	gntttntnc	ccaaagttgt	tttctagatn	120
tgtggctnta	anaaaaacaa	aacacaacaa	acacattggt	tttctcagaa	ccaggattct	180
ctgagagggtc	agagcatctc	gctgttnatt	tgntgttgtt	ttaaaatatt	atgatttggc	240
tacagaccag	gcagggaaag	agaccgggta	attggagggt	gagcctcggn	ggggggcang	300
acgccccggt	ttcggcacag	cccgggtcact	cacggcctcg	ctctcgctt	acccccggctc	360
ctgggctttg	atggtctggt	gccagtgcct	gtgccactc	tgtgcctgct	gggangangc	420
ccaagctctc	tggtggccgn	ccctgtgcac	ctggccagg	gaaagccccg	nggtctgggg	480
cctcctccna	ctgcgcncac	tttgcaanaa	taaactctcn	cctgggggtt	nnctatcttt	540
ggnnctctna	ccctggtnaa	gaaacgcaa	ngtgggtccc	naaacgnctn	tncttgcaag	600
aacaaaagta	cccccttgc	acccttcctn	atgggcntca	acgaatntaa	gggaagggnc	660
cccccaaggc	cccctttcct	ggngttngnc	cngntnaant	nntttgggnc	cngcnttttc	720
cnaaacntnt	ttatnngngt	nccaancccc	ttaangccan	ngttcccngn	ggggaacaac	780
caanngggcc	ctcaagcccc	aanngcccct	ttncgggggg	ccccccnt		828

<210> 4992
 <211> 1499
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1499)
 <223> n = A,T,C or G

<400> 4992						
cancncanca	ccanacacac	antcncnctt	tttcaacttt	tttttcccca	anaaacccgan	60
cncgtttccc	ccacngtctc	aaccnctac	acncngcgn	anncgcnaca	cacccccgnc	120
aancancn	netntcnaca	cncncaacta	cactncatac	actcncnacn	ctacncacnc	180
acatacaaca	acaccacaca	tcnctntaac	acacanacac	caccaccaa	tcnnanccn	240
ccnannnnca	acannnccat	ncanacacnn	acaccacacn	ccancaccca	cctctnnncan	300
ccacacccct	atctcncna	cacnaccaca	ccaccccgca	aacnnncgcc	ccantcncan	360
tnccncncac	anacacacac	acancctcac	caccnacacc	canacacanc	ccccnacncn	420
caccacccac	cnnccncccc	nnccnccaac	actacaccaa	cncnnnatc	aanccnacna	480
ccanccanac	cnnaccnccc	cctcnacccc	ncaccnnanc	acctcacacc	cccacccanc	540
nccacnaccc	caanccaccc	cccacannnc	ttntnanana	acanccaatn	ccccaccccc	600
ncancannca	ccacnacacc	ccccccccct	aanccacncn	cacccccacc	ccncaccctt	660
anncnacnnc	cnccccacna	acaacncac	cnacacnca	ccntcccccc	catctcntna	720
cncccccgcc	tcacccnaac	ccacatctnc	tcccacnct	ccaacacncc	ncnanacacn	780
nnacacnca	caacacccctc	tctcncacnc	tacantcann	cacatacaca	nnatcantc	840
nctnntncnc	ccaactncnc	actaacctng	cancncacnc	tcnctctcct	caccantcgc	900
acnccacac	ccctacccat	actcncntcc	mntntacacc	atnancacac	cacacnntnc	960
accacnnccn	acnncanccn	cnntacancn	cncancacca	cacctnacgc	acaccctnat	1020
ccacancacg	accacacncc	cctnccacaa	accacangac	cnncccctac	acatntacca	1080
cgnccctaaca	ccaacnnact	ctctaccacg	acaatcncct	ctcaaaacac	nnnatctnta	1140
tancanccca	ncacgtcaca	cncnctnnaa	caaccncaca	tccagtcaac	atnaaccaca	1200

catnccanc	antncatctc	accnntacn	actcaactcca	ctacnccncc	tctccnacca	1260
cncnccctcc	ctatncaaca	ctcanentcn	aacactnctc	ncccnctcc	cnccccacca	1320
cncntccngc	atcnncaaca	cccacctaca	ccancacnnc	accncccccc	ccnaccacaca	1380
catcccccan	taccatcaac	aaacacataa	gcatnccact	cccaccanac	caccnataat	1440
actntacncc	tctccccaca	cncncccccn	naccatctca	ccccctcnc	cncncncn	1499

<210> 4993

<211> 1576

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1576)

<223> n = A,T,C or G

<400> 4993

gncctccctc	ntcttncntt	tttgtttttt	gtttttccna	atcncctttt	tcngccacat	60
ttnttgnnnc	nggnatcccc	atnecnnttt	cggaatttcg	ngccaccgta	gtagtanggg	120
tnggggngtn	ctgggcccac	catnanggta	ntcctcntnn	tcgngntttc	ttgmnctcta	180
nagggngtgt	acnnncaactn	gtctnatggg	ccntacgcaa	ttctaactng	ttcacnatgt	240
cancancatc	atgcnacnct	nnntacttc	tgcnaccta	cctctnccnn	ttcncaange	300
cactggacnc	tcantcacct	nctnnacnac	anngttttcc	cancncgncc	ttcttcattn	360
nnctccatnn	cactttnnnc	cncnctcaca	ntcntcccat	cntnttccca	nccactcnnc	420
cacancctnc	ntctaantct	tnatcanatn	tcaactctcat	tcatnnttca	ccnactgtn	480
nancantccc	gnctctacat	gtcntanceg	atnntcntnc	tncaactcat	ncannncctt	540
ngcgcccttat	caaataactcn	tacnmactnt	taccctaactn	ntnctntcan	cntctactnt	600
ccctctctctc	cttctatctc	accatacacc	tctatengan	cntnncatcn	ctatcnntcta	660
tccanacnnc	tgtnactcgc	tntcaactctc	ntntntttctc	tcgcaactaac	atanntcaat	720
cccantctctc	ntacctgtca	ntcncagct	ctgatctctc	ncgtanaact	cctactctac	780
tacactntct	acnctntctn	tacgacacac	gncagctcac	tctccactac	tnctncctnc	840
acnctctctc	gagncntnct	ctccnnntcn	actactatct	nnaacgtcgc	ttactnacnn	900
tcnctccana	ttnagttctc	canctgtann	catctcgctt	tnaactcan	cnnnccctna	960
ctcgnactct	canactctct	cngcnctatc	tcacacaatt	ccgtnnctcn	ancanacacn	1020
acnatacgtn	gcttcatnnc	cntcaagtan	attncancat	nactcnnta	tcttctatan	1080
ctattnnngan	ncatacnctc	atcggcantc	cacactctat	nactcnnta	cacaccagn	1140
gtcatacntc	ttctgcnagt	ntcnnnctnc	gacgcannnc	catctcanca	ctcananttc	1200
tcacngnacg	tacacnccna	tctctcnng	ccnccanntg	actcatnacc	tatctntcna	1260
netctncgnt	ctcnntccn	tctctatcct	ctctacnctc	tntctcttac	gtcccnennn	1320
tcatctaaact	cntacnntca	cnntcttaca	tcttctntcat	ctctntctct	atanttctta	1380
tcgntnnnta	ctnccnaccag	cntctgctat	ccttgcttgn	actccnccnc	atcgaccnnc	1440
ctctcatngn	tccacatcnt	cntctntnta	ctcgtcatca	ctctccnacc	ccnatataatc	1500
tnttatcctn	anancnccnc	accgcagngc	accactcann	tcnnatncnt	ntannacnnt	1560
cccantctcg	accnct					1576

<210> 4994

<211> 796

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(796)

<223> n = A,T,C or G

<400> 4994

gnntnnnnnt	ttnnctana	cngaattggtt	gggttaacgc	cctttcnna	ngnagncng	60
cgntncgaat	tcggcacgag	gccaaatgcc	ggaattcaaa	acctggcttt	taaaaagaat	120
gnttttgaaac	aaggcgaatt	atatttgaga	gaaaagtgtg	aaaattcaat	tgaatcccta	180
agattattta	aaaatgatcc	tttgttcttc	aaacctggta	gtcagttttt	gtattcaact	240
tttggtcata	ccctactggc	agccatagta	gagagagctt	caggatgtaa	atatttggac	300

tatatgcaga	aaatattcca	tgacttggat	atgctgacga	ctgtgcagga	agaaaacgag	360
ccagtgattt	acaatagagc	aagattttat	gtttacaata	aaaagaaacg	tcttgtcaac	420
acaccttacg	tgataactc	ctataaatgg	gctgggtggg	gatttctgtc	tacagtgggt	480
gaccttctga	aatttgggaa	tgtaatgctt	tatgggtacc	aagttgggct	gtttaagaac	540
tcaaatgaaa	atcttttacc	tgataacctc	aaaccagaac	aatggttatg	atgtggaccc	600
cagtccctaa	cacagagatg	tcttgggata	aagagggtaa	atatgcaatg	gcctgggggtg	660
tttgtgggaa	aaagaaccaa	accgtatggg	ttcgtgtaga	aagcaaccgg	cattatgcct	720
tcacatactg	ggaagggcc	ntgggtgcc	gtagtgccn	gctnggcct	tccttgaana	780
actggattcn	aaagnt					796

<210> 4995
 <211> 815
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(815)
 <223> n = A,T,C or G

<400> 4995						
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ttctggcctt	tgtcaaccac	cactgggagc	tcctgcagct	tggaagctc	accagcacc	180
cagtgcacga	tcgaggacca	catctctca	acgctctgaa	cagttataaa	agccgggttc	240
tctgcggcaa	ggagatcaag	aagaagaagt	gcattctccg	cctgcgcac	cgcgctccac	300
ccaacccgcc	agggaagctg	ctgcctgaca	aaggactgct	gccaaatgag	aacagcgct	360
cctctgagct	cgctaagaga	ggaaagagca	agcctgggtt	gttgctcac	gaattccagc	420
agcagaaaag	gcgagtttat	agaagaaaa	gatcaaagtt	tttgctggaa	gatgctattc	480
tcagagcttc	gcaatgccgc	taaggacnac	aagaagaaga	angacgctg	aaagtcggcc	540
aagaagaca	aaagaccag	tgaacaaatc	ccggggcaag	gccaaaaaga	agaagtggtc	600
caaaaggcaa	gttcgggaca	agctcaatac	ttaatctttg	tttgacaaag	ctccctatga	660
taaactctgt	aanggaagtt	cccaactttt	aaaccttata	acccccanct	tggtgncctc	720
ttgagaagac	ttggaagat	tcnagggtt	cccttggggc	agggggccagc	ccctttaag	780
agcttccttt	aattaaagga	ccttattcaa	aaccg			815

<210> 4996
 <211> 753
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(753)
 <223> n = A,T,C or G

<400> 4996						
tnnncttttg	acggatcttn	gcagnactna	acggcaantt	ccctcttttt	gcaggatccc	60
atcgattcga	attcggcacg	aggagtaagg	gcaggggcct	aanaaacagn	ttttgttggg	120
tcttgaggca	aaaaaagaag	aaaatcttgc	tgattggtat	tctcaggtca	tcacaaagtc	180
agaaatgatt	gaataccatg	acataagtgg	ctgttatatt	cttcgtccct	gggcctatgc	240
catttgggaa	gccatcaagg	acttttttga	tgctgagatc	aagaaacttg	gtgttgaaaa	300
ctgctacttc	cccatgtttg	tgtctcaaag	tgcattagag	aaagagaaga	ctcatgntgc	360
tgactttgcc	ccanagggtg	cttgggntac	nagatctggc	aaaaccgagc	tggcanaacc	420
aattgccatt	cgtctacta	gtgaaacagt	aatgtatcct	gcataatgca	aatgggtaca	480
gtcacacaga	gacctgccca	tcaagctcaa	ncagtgggtg	aatgtggngc	cgttgggaat	540
caagcactct	cagnttttcc	tacgtactcg	ggaatttctt	tggcaggaag	ggcacanngc	600
ttttgctacc	atggaaaagc	aacggaaaag	gcttgcanat	cttgacttaa	atgctcagga	660
tatgaagaac	tccggcaatn	cngnngtnaa	ggaagaagac	ggaaangaaa	aattcaggan	720
gagacttnca	ctccatagaa	gctttattct	gcc			753

<210> 4997
 <211> 711
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(711)
 <223> n = A,T,C or G

<400> 4997
 tggtttanat cnnctcttg ttctttttgc aggatccctc gnttcgaaaa attttatgga 60
 ctctctatgga tatttcttga tgcttagaga tttgtttttt taattgcaaa tgtgaattgt 120
 ctatttaca atgctattac atatggagcg ggcctgtggt gtatggcact attccttgga 180
 ctaatggtac ccaggttcca ttctctgctc agctcgggtg ctctagacaa agcccctaaa 240
 atgctgtctg ctctcagctc cttaatggtg aagtggaaat gaatacctac tgtcacttaa 300
 ctcatggaga tgctggactg ataattagat catgtaagag cactttgagc tgtattgaaa 360
 aatatgttgt ctcaaattaa gtagagtcta tggttttgta aatataaata tattgccaga 420
 aaatacatca ctggggggagc aaaacatgta gaccaaatat aacagggatt agtaacatca 480
 gtaaacatag ttgggaaaag atggcactaa agaaagccaa gaagaaagtg ttgctcttgt 540
 aaaccaaann aaaaaaaaaa aaactcgagc ctctagacta tagtgagtcg tattacgtag 600
 atccagacat gataagatnc attgatgagt ttggacaaac cacacctaga aatgcatgaa 660
 aaaaaatgct ttattnggga aatttgggat gctatngctt tatttgnacc c 711

<210> 4998
 <211> 786
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(786)
 <223> n = A,T,C or G

<400> 4998
 ngntttannt attnncnttg cgcttttnga acttcnngca nganttgcg attcgctgaa 60
 atgtcanaca cggccaccta ggcagcattt acaagcaaga nttttctgct nttttgatgt 120
 atatcttaag cgccccagc gaatgaacag catataactc cacataaaaa tcattaaatg 180
 taattgactt ccagagcagg cagntctgtt gtatgcctct ggagaaggct ggctgaattg 240
 gaattggnct gtaccttctg cctatcatgt acatgaggct tttgggcaaa gagaactttc 300
 cacaaaataa gtccaaaaat tatagatcat cagacaacca ataacatatt gatgagatat 360
 ctccaagatc tagaancgtc ctgggtgtca aggaagtcnt ttgggggttt taaaaatatt 420
 gataatgcac tttctataaa atgcactttt tataaaaaatg catgctcant tgagacaact 480
 tgaaaaacac naagaaaagg cccgggccgt agtggctcac gcctggnatc ccagcantct 540
 gggaggccna aacgggtggt atnaccgaag gtcangagaa ntgagaccat cctggcnaac 600
 atggngaaaa cccccagact ctactnaaaa aatacataaa aattancang gtgtangntg 660
 ncggggcgcc natnagnccc antctactna aggaggctg aagcaggaag aatgggggtg 720
 acccnnngaa nacngaacct tgcantnaac cgggnatccc gncactgna cctatagnct 780
 gggngg 786

<210> 4999
 <211> 1251
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1251)
 <223> n = A,T,C or G

<400> 4999

acgagggggc	tneccctttt	ttttngnaaa	aaaaaacccc	ccnttttttt	ggggggggna	60
aagnttgggg	gggctttttc	cnaaaaancn	ccntttttgg	gcanaaaaaa	nnncccnnc	120
nnaccnna	ccannnnnca	nannnnnggg	gcncncncgn	nnnacancn	cggccacnan	180
cnanancng	gngtggncca	cannannacg	gnngggggnt	cnccanccac	nnngggtnct	240
ctatcncggg	gngcgggggg	ccncnggggn	nncgngnatc	accntggggg	ggncncncac	300
ccgggggggn	ncnccnngcn	gngccaccca	taggggggnc	anaatggng	ccccnnncgn	360
nnacancna	aggnngcaca	cntancccn	annacaccnc	ccacacctnc	tncnanaacc	420
nannnacana	ncnnncnacc	naacncnacc	cancanccac	ccccaccnnc	ncncncaccc	480
acnacncaac	ccctccancn	accncccnan	aacaaannnc	ccccnacant	cnnncccnnc	540
nnnaacncnc	nancccnac	aanccccatt	nnacnnaac	ncncanncna	ctaanaacnt	600
nnccacnna	canaaaactnt	nnacncancc	acncnacccc	ccncaaccc	cacccccaac	660
nanacncnc	tccccatac	cacaacacnt	nccanctnac	ccctnaaacn	anancaaaca	720
tanaaancca	cnccacnca	acccaccaac	acnnctaann	ccaccaacan	aaaccnccac	780
cacnancnac	cncataccan	cnnnacacna	tcaccnnacn	acaccanacc	cntactncac	840
cnntcnatct	cnnnncatnc	nctancacna	cacnnnaacc	tcacacacnn	cataccccan	900
cannacacan	tctatacanc	nnctcaacna	ccncacatc	ctattactnn	acancacncc	960
natnctcnaa	ncnnncacna	anacncnacc	aacacncaac	catctcacat	ctncacncna	1020
acnacancan	tctcncccaa	cacaaatcnn	cncnnaacnc	tcncanacn	tacancatac	1080
acacnnacta	caacgcncca	ccccnctctc	ncaacacnca	cnntcatnna	cnacntccn	1140
anacnctnnc	acaactaaca	tneccacnan	acacacnana	nacacaccca	nnncaaccann	1200
acaccnaacc	ntcacaccac	nactactnnc	aanctnnncn	cacatnncnc	c	1251

<210> 5000
 <211> 787
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(787)
 <223> n = A,T,C or G

<400> 5000						
gnttttcccta	gggnatnnctt	tggcacttnc	tcttttttgc	ggatcccatc	gattcgaatt	60
cggcacgagt	cgagtttttt	tttttttttt	ttcacttttt	aatacacttc	aatgggtttt	120
aatatattca	cagttgtaca	actatcacta	gacaaaatat	ttttatctgt	atgaagtgtc	180
gtgtgtatca	tggggccaag	tcaggggaag	acaggagttt	accaggggaa	gaaatgcatt	240
ccagggaaag	agaacaaatg	tgcaaaaaga	cggaattctg	aaatgaccta	gcatttgcac	300
aatatgaaac	tgcaggggga	ggtaggctag	agttttatag	gaggaaacaa	ttgggctagt	360
ttacaaatga	ggaatctgaa	gctcaaatag	atgaagtaac	tggcataagg	caattatctt	420
atgctaactc	aagaaaaggt	gtctaaggca	ggggtcccca	accttggtgc	catggactgg	480
gtactgtggc	ctgttaggaa	ccgggtaca	cagcaggagg	tgaggagcag	gcaagcatta	540
ctgcctgagc	tccacctnct	gtcanatcaa	ccgngggcat	caaattctca	tcggaacttg	600
aacccttatt	tttgaactgc	ncattgttan	ggataggttg	cattgctccc	ttatgagaaa	660
tctaaccctaa	tggcccgat	gaatttgang	gggaaaaaaa	atttcaatcc	ttgnaaccac	720
cccccnnaac	cttgtttggn	gggaaaaaaa	nagnctttcc	nntnnaaacc	cggnccctg	780
gggnccct						787

<210> 5001
 <211> 900
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(900)
 <223> n = A,T,C or G

<400> 5001						
nggntctttt	gnaattttcta	acacctgtct	tttctaattnn	ttggaatccc	tcgattcgaa	60
ttcggcacga	ggnaanaacn	gctctggaga	aggccacgac	annncanaga	nntcaagtna	120

gaaanccacc	agnctaactn	naggattnag	nancctnnnn	ancgcnnntna	ggmncaatga	180
ggctgacctt	gaggetcttg	gnaggggaaca	cttgncggca	cnnagctctt	gtgcgtncn	240
ggtcactttg	ntcntatcca	ttctctgaca	ccccagttnn	nattaancac	ccnanntnag	300
antntctgcn	nggtgcccng	cnnnttntta	cnnangeccet	tctnctntnt	tcnncannat	360
ccnccnnttt	ccntnatcnt	ttggntcgga	tanannnttn	ctngnaance	nttngntttt	420
ctttanancan	tnattctnna	ncccaaaatt	tgttttttnn	gtcttcttgn	atttttcnct	480
naattgccct	ttcnatctcc	tttnatnttn	atccentttt	ntttttccct	ngcntttnc	540
ttcatacngt	nttccctttt	nttnntgccn	atnttncaat	nggcncctac	ttttatcccn	600
ttnnngggctt	ttttgtccnc	ttnttttttt	tcttccnant	tcctccctta	tttctcnacc	660
ctntataacn	tacntnatct	ttctctaaat	tncccnntt	tcttctnttn	ttntccctnt	720
ttttttgtcc	ancntacata	cttcnntnnt	tttnggantc	tcnnccatt	tnntctngnn	780
tcaatctatc	tatcccnntn	tncnnttnt	ncnttncnnt	ntcnnttcta	tnntnnttct	840
nttattnncn	tnntctntta	gttnntcttt	tacntactan	nctttttcnn	ttntnnnncg	900

<210> 5002

<211> 734

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(734)

<223> n = A,T,C or G

<400> 5002

gtmctaaat	ggcnggcctg	ctcgttnctt	tctcgagga	ncccnncgan	tcgaattcgg	60
cacgagggcg	nncggtccng	tacatggctc	tgtntgtcac	aannnnacgc	nntgnntgcc	120
cgttcnctat	acnatagtgn	ngctntgtcc	aaatcntgga	ctctgccctc	natgaacttg	180
tgctatccag	atgaccnngc	tacatcactg	nttgcctcnn	gtactngcan	nnnncacgna	240
atgtggnant	gnatgganac	gntgaacctt	ttcnactat	ngccctntct	tntgnaatca	300
nnataaccct	gtttggnact	nttntngggc	tnctattcct	ggctgnggtg	tgctnctnac	360
tgaccaangg	gcctgtgctg	tananatgcn	annntnntnc	agngntncct	ngtnactntn	420
ntaaggcnna	tttnatntga	nantnatgca	cnattngccc	agtgcgcnn	nagttcagng	480
nncgcannat	ggngancgcn	gtgcttancc	nagntctgtg	nnaggctatg	cccatntcaa	540
ggcgtgcgat	gaactatgat	ggnnmcannn	nattcnangc	ngtgtgncng	aatgagatcc	600
tngcacaagg	atatcatncn	tncagtnatg	gctgtncaac	tctggantct	angcatgttc	660
cgannntgan	gganncagat	tnantgngac	cctgactggg	gcnnngnanc	ngnacattga	720
aaaccngccg	ctgc					734

<210> 5003

<211> 934

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(934)

<223> n = A,T,C or G

<400> 5003

nggnnnnttt	naaaattctt	natatacngc	tacttttcaa	atnnttggat	cccatcgatt	60
cgctggcggt	aaggctggaa	agggactccg	gaaaggccaa	gacaaaggcg	gtttcccgc	120
cgcagagagc	cggcttgagc	ttcccagtgg	gccgtattca	tcgacaccta	aaatctagga	180
cgaccagtca	tggacgtgtg	ggcgcgactg	ccgctgtgta	cagcgcagcc	atcctggagt	240
acctcaccgc	agaggctactt	gaactggcag	gaaatgcata	aaaagactta	aaggtaaagc	300
gtattacccc	tcgtcacttg	caacttgcta	ttcgtggaga	tgaanaattg	ggttctctta	360
ttaaaggggt	cnattgctgg	tggtgggggt	catttcncac	atttccnna	tnntttgaat	420
tggggaanaa	aaggnccccc	cnaaanantt	gtcttaaaag	gattccctgg	gatttccttg	480
ggtatcttca	aggactttctt	naaatacctc	tttaacaagc	ttgtnccaaa	tggtttgggt	540
ggaattncca	nttgggacct	tggtattctt	cttgggtgga	aaaaaccacc	aaatttttgg	600
cccttttttt	gggnaaattc	cttaattttg	gaagccnaaa	tttggggaaa	agnttttaaa	660

atttaagncn	tttttcccaa	acccaaaacc	cnaaaathtt	cttggccant	ttccnaagtt	720
cnttttaaanc	cntttntttt	naaaaatngg	ttnaccttgg	gggggctttt	cnaaaaggaa	780
aagccttntt	tggaanttct	tggaaaaant	aattgggggg	ttttttggaa	tttggaaatt	840
ttggacctgg	gntttttttna	aaaaaacct	gggtttnggg	aattttttaa	attggnggaa	900
ttncncnaaa	agtttnttng	gtnaanccaa	accn			934

<210> 5004
 <211> 757
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(757)
 <223> n = A,T,C or G

<400> 5004						
ttnnnnnnn	cagcttcnng	ttctttttgc	aggatcccat	cgattcgaat	tcggcacgag	60
ncnngatggn	nntgaatgnc	angnntatnn	cagatgagac	aagnganaca	atttgtgccn	120
tgtantctnt	nnggngncnt	ngntgcnggn	gaaacatnaa	ctatnggcan	gntaactgna	180
cancntagac	ccanngatnc	nangncaggn	cantantggg	aaccnccant	nanggntntt	240
ttnnctatgn	tcacagcnnn	cacangtnna	gnctgangnn	tnananngac	nnangagana	300
nnncatttta	atngntnatg	ngaaagangg	nnaanattgn	ccnagagntt	agctcttnac	360
antactntag	tcntgcaagg	agtagccgtg	ngccngatca	gngaangact	gagnnctcan	420
anctacccng	cnctnactgn	atgnngactn	gcatgntnan	cnaanntaac	ctgngagccn	480
ncgngcnnag	cctntttgtg	agaagnncan	tcngtnntnc	acntgcccnn	agntagcgct	540
ttnnngntna	cngacaacac	caactgggnt	gggtggcctnt	gtcnganttn	gaananangc	600
nntnacntgc	nngctcntta	ntgaaggatt	ggatactgan	anntacactc	cngacntttg	660
cnaaaatgga	aaannantgg	tctctnggan	ggnaactntt	nnacngngan	ctgttctant	720
aaaatannac	gtggatgaaa	agcttactgg	ncacngt			757

<210> 5005
 <211> 757
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(757)
 <223> n = A,T,C or G

<400> 5005						
ttnnnnnnn	cagcttcnng	ttctttttgc	aggatcccat	cgattcgaat	tcggcacgag	60
ncnngatggn	nntgaatgnc	angnntatnn	cagatgagac	aagnganaca	atttgtgccn	120
tgtantctnt	nnggngncnt	ngntgcnggn	gaaacatnaa	ctatnggcan	gntaactgna	180
cancntagac	ccanngatnc	nangncaggn	cantantggg	aaccnccant	nanggntntt	240
ttnnctatgn	tcacagcnnn	cacangtnna	gnctgangnn	tnananngac	nnangagana	300
nnncatttta	atngntnatg	ngaaagangg	nnaanattgn	ccnagagntt	agctcttnac	360
antactntag	tcntgcaagg	agtagccgtg	ngccngatca	gngaangact	gagnnctcan	420
anctacccng	cnctnactgn	atgnngactn	gcatgntnan	cnaanntaac	ctgngagccn	480
ncgngcnnag	cctntttgtg	agaagnncan	tcngtnntnc	acntgcccnn	agntagcgct	540
ttnnngntna	cngacaacac	caactgggnt	gggtggcctnt	gtcnganttn	gaananangc	600
nntnacntgc	nngctcntta	ntgaaggatt	ggatactgan	anntacactc	cngacntttg	660
cnaaaatgga	aaannantgg	tctctnggan	ggnaactntt	nnacngngan	ctgttctant	720
aaaatannac	gtggatgaaa	agcttactgg	ncacngt			757

<210> 5006
 <211> 779
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(779)
 <223> n = A,T,C or G

<400> 5006
 nttnngaatt ccatatagna ntgaacggga antccccctt ntgcaggcag cccatcgatn 60
 cgaattcggc acgagaagan gtttgattct ttagataacn cttttnangt gctataaagg 120
 gcctagttaa aaagggaactt cttttgaaaa gcaattaaca gttgataaag ggtaaataa 180
 aaattatcta gtaagggaatt tcttattgga atgtaaacgt gggtctaatt ttaaatagac 240
 agtgatataa agaataaaaa gtaaacagtg aaattgagtt ctccagggaa aaggcagacc 300
 tgtttagtaa aaaaaggatg cttttttcag tgatgtcttt ttttgagtgc atatgtgtgt 360
 gactcttgaa gaaatccatg ttcagattta tcagatgatt gaagtgggtg ttctgaataa 420
 agaaagctgt gaggcctgag gcagtgaccg tatcaggaaa catattttat tggagatttg 480
 gaagctatag taaaacataa tggcaataag ccaacttccc agtggtaaac ccacagnggt 540
 ggnttagttc taacctcttg atgaccgagg aggnataataa ttggatattg cagagcagca 600
 aatatgtaac cngngngtaa tctcanggcc ncangntaan cagnttccag ncagaagccn 660
 tagaagaaac ccctgaccaa aatttagctt accccggacc tangctgccn gcntatgngg 720
 gncngggggt cntcnggggt taaaagaaac ctaataactg nccacaanac cnttgaccg 779

<210> 5007
 <211> 820
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(820)
 <223> n = A,T,C or G

<400> 5007
 ctgnnnncng ccgatccang tagaactcat gggaactccc gcagganccc agggngncga 60
 acnggngncg aggnaccgag agagaagggn ggggtttaact acacactttt naacctngct 120
 taacanaagt attatatang nacagtttca tacaggaatt acctcaaaag ggagtctnat 180
 gangagcaac tacagatagn tgcaagggat catacagaag atatcgatga taggtgaaan 240
 atgcttagaa ggggtgtgaa tgtctagcng ngacnaccat gtgtatgtat ccttgacaag 300
 cagtataaaa taccngtgan gtnttcttta cattacggga taangcataa ggaatcaatc 360
 nccatatana ctatcanccc taatgnagca aggggaagta tntaattgcc catgatattg 420
 annttactna tactatgcca gagaggaaac tataaagtaa ttacacangt aaacttgggt 480
 ntttcacana cgnaggtatt cattnngagt acggtgaaga agaaaaanga atatcnaaat 540
 gaactgaanc cngatgggan agtatcaaca agtntntaaa agcccaggat tctaaaaaac 600
 aataaagggg cacgggcant ttttgagtn ngnacancet tatgccnant ggcnaanaat 660
 nccaaaaatn aaaagcgga accattgggg aaccccggtt ggaccntaaa nggcnaanta 720
 aatnggggaa ccagcnantn gangaatgan ggaaccaaag gggggttagg caaataagcc 780
 aaaaccccca anaaanant nnnnggncca aaannncccg 820

<210> 5008
 <211> 752
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(752)
 <223> n = A,T,C or G

<400> 5008
 agagnnnnnn ttnnattctt tgnnctctaa nagcttggct actngttctt tttgcaggat 60
 cccatgcgat tcgaattcgg cagcaggcca ccttctaagc aagtgatggc ctggctgggt 120
 cagtaccctt tgcaccctgc tttttaaatc ttattctgca cactttttca tatctattca 180
 tatgattaga catcatcatt ttaatggctt catggcattc cattttatgg gtatattata 240

aagagactaa	tacagaatta	tggttccttac	aatacatgat	ttttaaagtt	ttaaaagcta	300
actgggggtta	catgccctca	ggacaagaca	cataaacaca	ttttgtngac	aaaaaanaaa	360
aannaaaaaa	aactcgagcc	tctagaacta	tagtgagtcg	tattacgtag	atccagacnt	420
gataagatac	attgatgagt	ttggacaaac	cacaactaga	atgcagtgaa	aaaaatgctt	480
tattttgtgaa	atttgtgatg	ctatngcttt	atttgttaacc	attataagct	gcaataaaca	540
agttaacaac	aacaattgca	ttcattttat	gttnacaggt	canggggagg	tgtggggagg	600
tttttaattc	gcggccgcgg	cgccaatgca	ttggggcccg	gtcccacttt	tgggcccttt	660
agtganggtt	aattgcncct	ttggcgtaac	atggncatag	ctgnttctcg	tggggaaaat	720
ggtatccgnt	cacaaattcc	acaacatacg	ag			752

<210> 5009

<211> 809

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(809)

<223> n = A,T,C or G

<400> 5009

tttnnaannn	ncagcgtnc	cncnttnnc	ctncgtgaaa	ccctttggca	anncccccn	60
nnnngcagga	tcccatcgat	tcgaattcgg	cacgagattc	tctcaataat	ggccagccga	120
aatttcncgc	tgccaggcat	ctgcctccgc	ggggtcatta	aactcccaca	gtggtcaccc	180
cactgctgat	gtacagactt	tccaggcaaa	gcgccatatt	catcaacacc	gncagtctta	240
ctgtaattat	aacactggag	gtcagttaga	gggcaatgca	gccacttcct	atcanaagca	300
gactgacaaa	cccagccact	gtagccagtt	tgtgacacct	ccgcggatga	ggagacagtt	360
ctcagcaccc	aatctcaaag	ctggctgaga	aaccacagtg	tanaatcaag	tnactggaca	420
aacttgaaat	catggtggaa	gaaacagaca	gngttagctc	atgatnngat	ttggtntctc	480
ctttggcctt	gagttcttat	tatttacatt	ataaanatta	actggttnta	tattgntaag	540
acaaaacact	ggtaaaagtn	gcaacacctc	cctnntgctt	gtataccata	aatgggcagn	600
ctctggaaat	tnatggataa	agcatcaaag	aaactgcnnn	ngtgctgaaa	acgtttctnn	660
ctttnttttag	ngcctnaatt	taagatactt	tactttacnc	ccnctnngna	atctgggnng	720
cangnntctc	ttttanggnn	tggnaaaaaa	ncggncctcg	cccctnntaa	acttnnagnn	780
ngtnggggat	taccgcnaaa	ccccngacc				809

<210> 5010

<211> 707

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(707)

<223> n = A,T,C or G

<400> 5010

cnaatgctgg	tngctngttc	tttttgcagg	atcccatcga	ttcggggcta	gcctgcacgc	60
acgccaagat	ggagctccag	gctagcccac	agaacagccc	agccgcagcc	gtcctaccag	120
accagcacct	tgtaaccaca	gtctaaccca	gcgggcacca	ggcggtgaga	cctcctgccg	180
ctgccagccc	aggatagccc	ccttgccctc	tgcccaaggc	tcaggctacc	ccttgaggcg	240
tctggaggac	actaggcttg	acctggggag	tggcatgatg	gggggcaggg	tccgaggcaa	300
cggagaaggc	agaagtgact	tagattgtga	gtgccacggg	gctgaggcct	gcgccgacct	360
ggtctgctgg	tgctaccagg	cttgaacagt	cttcaaattc	actgctatta	ggcaaattac	420
ctggctcccc	ctgaactcca	gcacctagaa	ctatgtcaca	ctcgtagtag	gccgctgcat	480
tggttgaaca	aatgattttg	aaagaatgaa	tgtcttcttc	tgtgcctgca	tttctctcaga	540
aggctgtaac	aaagattaaa	taggaaaatt	cgtggaaaagt	tcaaaaaaaa	aaannnnnct	600
aanantcatn	nnannnnang	agnntnaaaa	aaaaaaaact	cgagcctnta	aanctntagg	660
gagncgtatt	acgtanatcc	agacatgata	ngatncattg	atgagtt		707

<210> 5011

<211> 666
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(666)
 <223> n = A,T,C or G

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<400> 5011
atgtgntaac acacataggc tcaangtaaa ggggtggcga aagatctgtt atgcagatgg      60
aaaaaaagat caggggtcac tattcttgta tcagataaaa cagacttttt aaatcaacaa      120
cagtagaaaa aggactaggg cattacataa tgaagaaggg ttcaattcaa caagatttat      180
cctatacaca cccaagattg gagcactcag atttctaaaa ctattatttc tagacctagg      240
aaaagaatta aacggccaca taataatagt gggggacttc aacacctcac tgacagtgtt      300
agatagatca tcaaggcaga aaactaacia attctgaact taaattnaac agttgactaa      360
ttgaacctaa tagacatcta cagaatactc caccaccaa caacagaaca tacttttttc      420
tcattgtgnc atagaaaata ctctaagatt gccacatgct ttgtcccaa gcaaatctca      480
gttaantcaa aaaaagattg aaatcatacc cangcttttc agactcctcc atagtaaaaa      540
attggaaatt caacaccaag agnaaactnt caaaaacatg ggaaacttaa acaacttgct      600
cctggatgac cttttggggt aattgttaaa atanggcata catnaacccc ttnttgaaac      660
aatgg                                           666
```

<210> 5012
 <211> 802
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(802)
 <223> n = A,T,C or G

```
<400> 5012
ttcgtnttgc cngtagaact tncngcaaaa tcccgtancn gcangagccn atacgatccg      60
ggnccgntga acnaactaga ctacgcngcg ngcnggcctg tttnaaan tggccagnnc      120
ttcttnagnc ngtagctcaa aacctgtgag natcanacat canaaatgng ngaaanntan      180
agccnntnga anacaacatn ngngacaacc nacnanacia nactatgggg ancagcttnt      240
ccatgtgang catagccang atccataacg anaangaaac cngaaccng gncntcnca      300
anatgnaana cncntgcnt gctgcaatgc ccngcaaagn cgatgaaana acngggctac      360
atacngcgag gaaggactat gcaactgctn ggcaggacta ntgactnnaa nctgngatct      420
nnnnggnact nagaacngaa nnctnnaaag gnngacagnc caanttnaa acngnnaaan      480
gnacngcntt cgacaacaag gntatncnga tntcatctga acacnggaag ggaaacnna      540
aaccctanac gagnetnngg atngaannng gacnntanta nnaacgcacc cttaagaac      600
agcttganc cncncngaa ccngccatnt ttaaccccag ccttgggcac caccaggcaa      660
cgacaccagt ctancaaagn ctnangcnnn naananatna gnccccagcc cngaaacgct      720
ngggccngga atatncaagg aaaccagaac tcttaaaacg gtttcccagn nggggaattt      780
taaaaaaggg gccaacccct cc                                           802
```

<210> 5013
 <211> 874
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(874)
 <223> n = A,T,C or G

```
<400> 5013
agcgggnttt taaaccetta tnttatncnc tnngaaacna aatcgcncta aaagggngng      60
```

gggcgcgagc	ccntnnccac	cccattncca	aangaggnt	cantggggt	nggccngca	120
ccattatccn	nncccattcg	naccnntaaa	ncgctctatc	aantacaana	ncatgacctc	180
cnctncatct	ntctnctacn	cttnctnana	cantattnan	tccacttgat	tttttttttc	240
ttaanactan	ttatattact	gctnctcggn	gnctgcntac	cnttnccatg	ctaaggctgg	300
nacancagnc	ctgngnncna	taccgtgnaa	tccnccagga	nancnanccc	ctnngnancg	360
gaggnccegc	annnccccnn	atgcnnatag	antagttcna	nggactnnag	ntncnatcaa	420
caactnnctn	gnngngcagn	ccnctnncc	ttnnegacng	cccntnanc	acgggganct	480
gnatnatn	ctntntcata	tgnaatccnn	tntnnctcg	gtntggngca	caaacgannn	540
nnactagga	antcttccn	natagnccnt	aanannacaa	ngaattggat	taananccta	600
nncccttngg	ctccanggna	gaacancnnc	ataccnnttn	gggntttngn	ntaanaantg	660
tcctnannng	gggnantaac	taangnnacc	cctantncc	ntcgatccc	cctanaagaa	720
ntnttccnt	atctttctct	ccaagtacag	ancnctagn	naaaggntcc	catntctatg	780
ngncctn	tttganacnc	tnnctgngng	accactttg	nctnngaang	gncatnccat	840
ntnaanccta	accatnngnt	tattgnnctc	gccc			874

<210> 5014

<211> 782

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(782)

<223> n = A,T,C or G

<400> 5014

agttcatcct	ttcnaatngc	ttggctactt	gttctttttg	caggatccca	tcgattcgaa	60
ttcggcacga	ggtttttttt	tttttttttt	ttatagggat	cactttttatt	tcaaacaatt	120
aaatacaaac	caatatttta	ccccttcata	gatgaaatca	catctttttca	ggatatgagt	180
ataaagtaac	aagcctaggg	cagagcttgt	actgacaaag	tcctgaaact	acaatgagag	240
gaaacacatt	gctctacttc	gggataagtc	atgaccgaga	ctcaatttca	gagacgctct	300
atgaacagag	gtgcttgaag	ccacagtggc	agaagggaag	gatggggaag	tgtgccgaag	360
agcctccagg	catgacagac	agtcccctga	ccaagcacia	gtaacaggcc	ctttgggtct	420
ctgcttctca	ctggaaaatg	atgaagccta	natctgatga	ctcctagtgc	caacatttaa	480
caaagtctga	aagttatgca	ggacttcaca	catgtacgga	atggctgtat	cacagaatat	540
tatgccgtta	gaaagtccac	ggncactatt	acctagcttc	taaaattttt	cagaagaaac	600
agcagactta	ttaagtggaa	tcttaaatta	aagggattan	catttttaatg	gaaataaatg	660
gaaaccagag	caggggaacc	caaagagccc	anttagggga	aagaatcctg	aaaaaagtnt	720
ggntttacac	cangnancag	cntttgaaag	aaaaaccct	nttggtttt	tttccanaa	780
na						782

<210> 5015

<211> 785

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(785)

<223> n = A,T,C or G

<400> 5015

gcccccn	nnnnnnnttt	tcaaanccn	ttnnnnnnnn	nngnnnttt	tannnnnttn	60
ttannnnaca	gctcttggtc	tttttgagg	atccctcgat	tcgattcggc	acgagctacc	120
ttgggctggc	cctctatnat	gctntgagg	gagctgggac	agatgatcnt	nccctcntca	180
gngtcatggn	tnccangngt	gagntnatc	tgcnnacat	ngtgacggag	tttaggaaga	240
atgntgccnc	ctctntttat	tccatgatta	aggganatcc	atnnggggac	tataagaaaa	300
gcnnntttnc	tgctntgngg	ncaanangan	tnacnngncc	cgggnnanag	ctcctatgct	360
gtntgcctgc	accaccccct	gccttccttc	atacctttcc	ntggatatgn	atgccagggc	420
ttnnacatt	gcctnattna	tactnacntg	ctnatgacca	anacatncac	gtgataacac	480
aaacantggg	tgcttgnttc	tgatcnctag	aggnganctn	ttggnnngnt	ggagnactna	540

antntttctna	gtgtgacttn	agttcaatgc	ctggccatnt	gcnatnacct	tatatcntnc	600
aaagaggcta	ctgtgctttt	ancctttttt	aaaacctcca	tctgtattac	attgnaaacc	660
angtttcttt	aatnaggagc	ttgacctcta	nantgggaac	tcttggaat	ggnccttagtg	720
aagttcgcn	ctaacttaac	ctgaaaatta	tnatgnnctg	tttnacctat	catgttnata	780
actnt						785

<210> 5016

<211> 785

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(785)

<223> n = A,T,C or G

<400> 5016

gccccccnnn	nnnnnnnttt	tcaaanncn	ttnnnnnnnn	nngnnnttt	tannnnnttn	60
ttannnnaca	gctcttggtc	tttttgagg	atccctcgat	tcgattcggc	acgagctacc	120
ttgggctggc	cctctatnat	gctntgagg	gagctgggac	agatgatcnt	nccctcntca	180
gngtcatggn	tnccangngt	gagnttnatc	tgcennacat	ngtgacggag	tttaggaaga	240
atgtgcccnc	ctctntttat	tccatgatta	aggganatcc	atnnggggac	tataagaaaa	300
gcnnntttnc	tgctntgngg	ncaanangan	tnacnngncc	cgggnnanag	ctcctatgct	360
gtntgcctgc	accacccct	gccttccttc	atacctttcc	ntggatatgn	atgccagggc	420
ttnnacatt	gcctnattna	tactnacntg	ctnatgacca	anacatncac	gtgataacac	480
aaacantggg	tgcttgnttc	tgatcnctag	aggnganctn	ttggnnngnt	ggagnactna	540
antnttctna	gtgtgacttn	agttcaatgc	ctggccatnt	gcnatnacct	tatatcntnc	600
aaagaggcta	ctgtgctttt	ancctttttt	aaaacctcca	tctgtattac	attgnaaacc	660
angtttcttt	aatnaggagc	ttgacctcta	nantgggaac	tcttggaat	ggnccttagtg	720
aagttcgcn	ctaacttaac	ctgaaaatta	tnatgnnctg	tttnacctat	catgttnata	780
actnt						785

<210> 5017

<211> 1425

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1425)

<223> n = A,T,C or G

<400> 5017

cntnttaaaa	aaatattgaa	ggcctntggt	gggaaccct	tngggggnac	ccttgganca	60
tttttgggng	nnccncctt	naaaacnate	aagaaaaata	atgggngggg	cttttnnggg	120
ggnnncncnn	nnncannnn	ccnatnnann	nnnnnanntc	nnnnnnnnnn	atntnacata	180
nancncncnc	aanancncn	ccncttnncn	tnncncctc	nnnnnnnnnt	nnaacnncac	240
ntnnnaannc	acnannnnna	ntnnnnncna	ccnatnccn	atnccncnnn	ncannnancc	300
ancnanccnn	tnntanannn	nnnatncccc	nnnnmntnta	nnctctccta	ctccatncna	360
cntncccnac	cnntccatct	naaaacnann	nnantnanct	ncnannctc	ncnncaaann	420
naatnnnncn	cctccacaca	cantnnancc	tctacnnant	ccacnccann	cccnnentca	480
nccccncaca	anncnntec	nacnncnnct	cannacntta	acannacnaa	cccncctatn	540
accanaccnc	ccccannct	ncncctnac	tnncancan	cannnnncnc	ccnactnnnc	600
ncnactcna	accannann	tnntatncnt	cncennann	nnnncaaanc	nannnacncc	660
ncnnctcat	ccannntcn	cncnnanann	tctnnnnnc	ctcaccann	acnccncnn	720
acanactatc	tctatacnca	ccncnctnnn	nnnnnnnnnn	nnccancnca	nacanncnnn	780
actcctnnn	tannnaacc	cnnnacnnn	ntcncntnn	accanacn	cncnnnnaca	840
ntantaccna	ncnnnccnac	nanancncnc	nnntcacnn	nnnnntntat	cnantnctct	900
nnctnnatnn	cncttctna	nnannnccn	aacnnnncac	ccnnanctn	atacnantnn	960
nnactnannn	ncatnancan	anannnncat	atannacaca	cnntanacta	cnctacnatin	1020
cannnactnt	cncnannanc	tnncancana	nacnnncnc	nnnnntcann	cnnnnanac	1080

nctcancann	ancncntnan	ntncanannn	tacnnncnnt	nnnnanattnt	cactcncnan	1140
nnatcactcn	cnnnnnctn	nnccccannn	nnncnnncnc	anactcnnta	cnntatactn	1200
ctncctctan	tnnnantcnt	ancnnnnctn	tcnnctntct	nctcantcnn	cncccaactct	1260
atacnnctn	atntnncann	tnnnannnnnc	ctcctctncc	ctcncacctnc	ntccacancn	1320
cncacntcnn	nataccncnn	cnantccatc	nacacnatca	ctctncacnc	acnctntcna	1380
ctactantnc	tcctnaacta	canacccanc	ncnntnncac	ancct		1425

<210> 5018
 <211> 794
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(794)
 <223> n = A,T,C or G

<400> 5018	
ggccccnnn	ntttttttt
ctttttttg	ggccctnaac
ccccnattc	ccggnatttt
ggaacctgg	aatgggaagg
gnccannnn	nnnananana
aaaaccana	aaaaaaaaa
gggacctga	atattgggt
tacattgct	gcaagataaa
caaaagtat	tgcaaaagg
tnnttctga	tgcatatttt
acttattgt	tgtnncctaa
nagataatg	taatgttctt
aaaaaaact	gccctaactt
cactgatgng	gaan
	60
	120
	180
	240
	300
	360
	420
	480
	540
	600
	660
	720
	780
	794

<210> 5019
 <211> 957
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(957)
 <223> n = A,T,C or G

<400> 5019	
gtnattctan	tnnancnctt
cccgcgccn	ctctagaagn
agtgcnnna	ttatacgcgt
ttngcnnng	ttnnngtcct
ntgagctaaa	ctgnntagnt
actagattaa	ctnggnaacn
nntcnacact	natccnncct
ttnttaaaag	nnntnecgnc
tgtnnatatc	caanctnnnc
gaataanaaa	nctnntnnnt
atnatnattn	tatgccaana
tatannacng	naccttnnca
tataaanngt	gtntatacgt
attnaatnaa	aaacggtgtc
ntatacnnta	tcntatcgna
cnnacntnnc	gncttatgnt
	60
	120
	180
	240
	300
	360
	420
	480
	540
	600
	660
	720
	780
	840
	900
	957

<210> 5020
 <211> 808
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(808)
 <223> n = A,T,C or G

```
<400> 5020
gtnttccttt caaatngctn ggctacttgt tctttttgca ggatcccatc gattcgngta      60
gccgaccngc tgctgtnncn ggtgcttgnt acgaacgttg ccacnannct gagantngtn      120
acnctaganc tgnaaacntn atngttnnct gcctgnatna ccnagnaggc tnnnatactn      180
aagatngcaa tnctgannaa ncctgcntna tgtncnnnng tctctnanta ccagannntt      240
gannnnttac tggnttatta gatggctatt atctctaaat tcnggatgcc tacctggcct      300
ataacctnaa ngaattnact ggagnactcn tntatgatnt tctgcccacc tgtgatnnta      360
cccatgaaca cgctntggat actgngaaat atcggatnta ntgccatcct gcttnatgga      420
cntntnactn agantaagcg cntaagannc nttaataagt ttaaggccan ngccnnntnn      480
attcttctag naactgncat tgccaangcn aggtcaggac atacctnatg tagatgatgg      540
atggtcaact aatgacatnc ctgacccatt ccangngatc accntccatt ngaattgggt      600
cctagccang atttgaagct tgggcgctta cggganaang ncnccttactn tttggttaan      660
acaagttttg annngttggg naanttttta acaaacgccca tttggaacac ttttaattgg      720
gngaataaaa cttcccccg gntttgggaa aacncggatt gntgaaaggg taatgaatgg      780
gtnnccctgga acgngggtaa ntttggaa                                     808
```

<210> 5021
 <211> 788
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(788)
 <223> n = A,T,C or G

```
<400> 5021
cttaannaat ncnttatcgc ttggctactc gttctttctg caggatccca tgcgattcga      60
attcggcacg aggtactntg agtgtttggg ggttnnncac acacatgcaa ttntgcttaa      120
caaaagtatt ntataatata gnttcataca gaattacctt aaaagggagt cttatgtttt      180
caactacaga tagttgtaag ggatcataca gaagatattg atgatagttg aaatattcct      240
agaaggggtg tgtatgtcta gctgtgtcta ccatgtgtat gtattcttga cnagcagtat      300
aaaatacctg tgatttttct ttacattagg gataatgcat aaggaattaa tcttcatata      360
tattatcatc cctaattgtag catggggaag tatttaattg cccatgatat gtattttact      420
tatactatgc catanaggaa actataaagt gattacacat gtaatcctgg gtttttcaca      480
tatgtaggta ttcattttga gcaagggtga aagaacanaa naaatattta aatgaattga      540
attcctgatg ggatagtatc aataagtatt taaaanccna gtattctnaa aatattcagg      600
ggtangggtc atttttgagt ttgggnnttc ttttnccgaat gggtaaatat ttcaaaattt      660
aaanggggta caattgggtn ncctgtnggn cctnaaaggc cttttatttg gggnaaccag      720
ccnttnngaa tnnatngaac caaggggggt ttagccaatt gccaaactcc tataanttga      780
ttttngcc                                     788
```

<210> 5022
 <211> 704
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(704)
 <223> n = A,T,C or G

```

<400> 5022
gnnctaattng nnggctatcg aactnccgna nanaacgnge ntncgaattc ggcacgagag      60
gttgctcacc tgaaggagca caggagggtt ttccaggcca tgtggctcag ctctctcaag      120
cacaagctgc ccctcagcct ctacaagaag gtgctgctga ttgtgcatga cgccatcctg      180
ccgcagctgg cgcagccac gctcatgac gacttctca cccgcgcctg cgacctcggg      240
ggggccctca gcctcttggc cttgaacggg ctgttcatct tgattcaca acacaacctg      300
gagtaccctg acttctaccg gaagctctac ggctcttgg acccctctgt ctttcacgtc      360
aagtaccgcg cccgcttctt ccacctggct gacctcttcc tgtcctctc ccacctcccc      420
gcctacctgg tggccgcctt cgccaagcgg ctggcccgcc tggccctgac ggctccccct      480
gaggccctgc tcatggctct gcctttcatc tgtaacctgc tgcgccggca ccctgcctgc      540
cgggtcctcg tgcaccgtcc acacggccct gagttggacg ccgacccta cgacctgga      600
gaggaggacc cagcccagag ccgggccttg gaaaagctcc cttgtgggag cttcaggccc      660
ttcagcgcca ctaccacct gaggtgtcca aaagcccga gcgn                          704

```

<210> 5023

<211> 729

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(729)

<223> n = A,T,C or G

```

<400> 5023
gnnnnnnnnn nntttgttnc taatngcngg gtggctcgnn ctttcncgca nnagcnnngc      60
ngtgcgaat tcggcacgag atttcaattc atagcaaact ggtgttttaa actattgcag      120
tagctggaac tttttagtgt aaccagcatt tattggagaa gtgaatcaca aggaaataaa      180
gatgagtaaa agcaaagatg atgctcctca cgaactggag agccagttaa tcttacgtct      240
gcctccagaa tatgcctcta ctgtgagaag ggcagtacag tctgggtcatg tcaacctcaa      300
ggacagactg acaattgagt tacatcctga tgggcgtcat ggaatcgtca gagtggaccg      360
tgttccattg gcctcaaaat tagtagacct gccctgtgtt atggaaagct tgaaaacat      420
tgataaaaaa actttttaca agacagctga tatctgtcag atgcttgat ccacagttga      480
tggtgatctc tatcctcctg tggaggagcc agttgctagc actgacctta aagcaagcaa      540
gaaaaaggat aaggacaaa agaaaaagt tatctggaac cacggaatta ctctgcctct      600
aaagaatgtc aggaagagaa ggttcggaa gacagcaaag aagaaatata ttgaatctcc      660
agatgttgaa aaagaagtga aacgattgct gagtacagat gctgaagctg ttagtactcg      720
gtgggaaan                                     729

```

<210> 5024

<211> 706

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(706)

<223> n = A,T,C or G

```

<400> 5024
gtnnctaattn gngggctant cgttctttcc gcagganccc ntcgantcga attcggcacg      60
agctctatct tgtttattgt tgatgccatc ttagaggaaa aaatgtaaa gtaagtaatt      120
aagcatatga cagcaacaaa taagatactt ataacctaat gggactttat tttgtagttt      180
tatgtattac aaaaaatcca ctttctcta aggggaagtt tgtaccccat tgattcttgg      240
tgcttttggg atcgactggg ttttaatggc ctagttatct gaggattttg ctgtgttgtt      300
ttccatgtct tctctggtca ctttgatta tatataaaaa tacaggaaat agataaacat      360
gaatgtgatt aataatgctg aaaaagtatt agcctaccaa agacacactc aggctttagt      420
gaataacttt acataacctc agtttttaac acatgcata cttctccaac catgaaatca      480
aagcacggtg cagaacttgt accaagtaca aaaggtccat gtatgattag cattattttc      540
ttttgctttt gtttatggac aatgttcagc tgacataaagc agaagttggc caaaatactg      600

```

cctgtactgt taatttctg tataattcac ttaaataaaa gcagggttaac ctcaatgata	660
gcaggttaaaa tgttctatct tatgtatttc ttttaagtat taccaa	706

<210> 5025
 <211> 706
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(706)
 <223> n = A,T,C or G

<400> 5025	
gtnnctaata gngggctant cggtctttcc gcagganccc ntcgantcga attcggcacg	60
agctctatct tgtttattgt tgatgccatc ttagaggaaa aaatgtaaag gtaagtaatt	120
aagcatatga cagcaacaaa taagatactt ataacctaat gggactttat tttgtagttt	180
tatgtattac aaaaaatcca cctttctcta aggggaagtt tgtaccccat tgattcttgg	240
tgcctttggg atcgactggg ttttaatggc ctagttattt gaggattttg ctgtgttgtt	300
ttccatgtct tctctggtca ccttggatta tatataaaaa tacaggaaat agataaacat	360
gaatgtgatt aataatgctg aaaaagtatt agcctaccaa agacacactc aggctttagt	420
gaataacttt acataacctc agtttttaac acatgcataat cttctccaac catgaaatca	480
aagcacggtg cagaacttgt accaagtaca aaagggtccat gtatgattag cattattttc	540
ttttgctttt gtttatggac aatgttcagc tgacataagc agaagttggc caaaatactg	600
cctgtactgt taatttctg tataattcac ttaaataaaa gcagggttaac ctcaatgata	660
gcaggttaaaa tgttctatct tatgtatttc ttttaagtat taccaa	706

<210> 5026
 <211> 968
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(968)
 <223> n = A,T,C or G

<400> 5026	
gtaccaatgc tttgctactn gttcttttcg caggatccca tcgattcgaa ttcggcacga	60
ggcggacacc aagtctggac cacctcccgc tgcgttttnt actcanagaa acatcnnggg	120
cggngttaan acacggnatn acnggaagca nganncnngg cancagcnna gnntggggtc	180
ctggcnctgc nngctangcc aggatgncca tcccnccctt tanactgtcc cttgnggcct	240
gtgctnntna aantggttnc ngtnagcnct gccngnttnc cntattatnc ccacnctnng	300
cttctnaatn ctttatgntc cntntnanan naccttncta tactgtancc catcttnctn	360
tnaattnttt ttcanggatc tntnatattn tnttncaaan tccnchnatan tnantnatta	420
ngtntnngan ttncattcat attaanntnn antncattnn nctngttnan nnttnttctt	480
tctnnnnngn ttncnnnttc ttataatnng taatttantt nnctnntatc tacttnttan	540
ttctttcaat cttnaattnt ntttacatnn nctnctcatc cgntnttacn nntntcattn	600
ttaactctac ctttctcntt ctgtnttaac ttactnatna tcncttccng ttntttatat	660
ntnattcnct ctnctcataa anctatctnt nctctcnena ttcttgactt tcnctctccn	720
tctcttatat ctctcgtctc ctcncaatat ntctctatcc tctntcnttt cacattctta	780
ttntnchnatc ntteggnttn tctnctnttt ctctcntaca cnttctanac ttctatnant	840
cttcaactcat nncnctntnn nntcnacatc ttacnnnnng tgcttnttan anntttannt	900
acatannta ntctctaat ctatatntca tannactcta ttgcttntnt tctcnnaatc	960
acacnanc	968

<210> 5027
 <211> 782
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(782)
 <223> n = A,T,C or G

<400> 5027
 gnnnnntnnn nnttttttgg gtcttncgct tgttctttnt gcaggatccc atcgattcga 60
 attcggcacg agggatcact tgagcccagg agtttaagtc tgtattactg gaaaggggtc 120
 ccaatccaga tcccaaacaa gggttcttag atctcacaca agaaataatt cagggagcgt 180
 ctataaagtg aaagtaagtt tactaagaaa gtagaagaat aaaaaatggc tactccacag 240
 gcagagcagc tccttggggc tgctgggttg cccattttta tggntatttc ttgattatgt 300
 gctgaagaag ggggtgggtta ttcatacctt ccctttttta aatcatatag ggtaccttnc 360
 tggcattgcc atggcatttg taaactgtca ccggtgcttg gtgaaaagtc nacanttgag 420
 ggccaacca agnccactct nattggccat ctttgggttt tgggtgggatt cttaccnngn 480
 tttntttact gcaagctggg tttatcatca aggnctttat ganctgnatc ttgggctgan 540
 ctccgatctc aatctgnatc cttaaaacgn ctactgtct nggatngtaa cccaatagg 600
 tctnaaacct tantttaccc caacttctat ttcaagatgg aatttgctct tgggttcaaa 660
 atgccctntt gacaagcanc cagtnaacct nttcancata cccacttggg ntttcaancc 720
 tgggtgggac aaaaaccaat taccctntt tttaaaaaaa aaaaaannn nnnnnnaaan 780
 na 782

<210> 5028
 <211> 806
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(806)
 <223> n = A,T,C or G

<400> 5028
 gnnntnnnnn tttttaangg ctttggcttg tcntcttagg atcccatcga ttcgaattcg 60
 gcacgagtga acttggtcat tttgttttgn ttgggaggaa aataaacaat tttacttttt 120
 tccttttaga gcattatgag cattatgtca gaatagaata gaattgggtg tcgatcttaa 180
 caggccagaa atgcctgggt ttttttggtt tgtttttgtt tttgtttttt tatcaaattc 240
 tgccgtactg tctgcttgtt ttgcctacca tcgtgacatc tncatggctg tccaccttgt 300
 cgggtagctt atcagactga tgttgactgg tgaatctcat gggacaccaa tcnaanggct 360
 gctgacattt tgggatcttt cantntganc attcanatcc aagggtctcan ttaaaccattc 420
 ccngcatcat tgnttataat cngaaactct gggccttctg tctggnggcc ttaaaagctt 480
 ttgggacata atgcaacaat tattgaagga ggattttatt ggagaaatgg gggataggcc 540
 ttcatggacc cccaatttaa ttaaaggaaa aactnaactg cantgggggg gttttgnaaa 600
 aagggtattt antaccttct ttaaacnaat tccttttttt tttcanggga cttttttcta 660
 agcctgggat tgnaccgggt aaccnttgga accctttctt tttggaaaaa aaccattttt 720
 cccnnaaaaa agggccccc aattttttta aaaaatggga ttaaacntt ttaancccn 780
 aaccnttaaa antttttttt ttttnn 806

<210> 5029
 <211> 716
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(716)
 <223> n = A,T,C or G

<400> 5029
 tgntnttcta atgctggnnn ctcttggttct ttttgcagga tcccatcgat tcgaattcgg 60
 cagcaggggac tcagagcctg ggaaggaggc cgctatgcag ggtagcactg ggaacaggag 120
 acccacctga ggctcagccc tagccctcag cccacctggg gagtttacta cctggggacc 180

ccccttgccc	atgectccag	ctacaaaaca	attcaattgc	tttttttttt	ggtccaaaat	240
aaaacctcag	ctagctctgc	caatgtcaaa	aaaaaaaaaa	aaaaaaaact	cgaggcctct	300
agaactatag	tgagtcgtat	tacgtagatc	cagacatgat	aagatacatt	gatgagtttg	360
gacaaaccac	aactagaatg	cagtgaaaaa	aatgctttat	ttgtgaaatt	tgtgatgcta	420
ttgctttatt	tgtaaccatt	ataagctgca	ataaacaagt	taacaacaac	aattgcattc	480
attttatgtt	tcagggttcag	ggggaggtgt	gggaggtttt	ttaattcgcg	gccgcggcgc	540
caatgcattg	ggcccgggtac	ccagcttttg	ttcccttttag	tgaggggttaa	ttgcgcgctt	600
ggcgtaatca	tggtcatagc	tgtttcctgt	gtgaaattgg	tatccgtcac	aattccacac	660
aacatacgag	ccgggagcat	aaagtgtaaa	gcctgggggtg	cctaagtgtg	gancta	716

<210> 5030

<211> 1206

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1206)

<223> n = A,T,C or G

<400> 5030

nggggncgat	ttttcnaaaa	aatntcccn	ggngaacggg	gncaccttgg	gggncancnc	60
cangaaccnn	ttttgcnaaa	aaccccnttt	ggcncnaana	nnaccnngn	nnancgcnc	120
accnacncca	anccnncnc	acnccannng	ganccnanc	accgcncntc	nntntaccan	180
actanatcnc	ncntaaacna	cacnaancng	cacnnacanc	accacccgta	tggtaacnnc	240
nccangcacg	agcacancac	nncaanagc	ncgccactaa	cggggcgggg	cnacncgata	300
canannnacc	nagnaancnn	acaacanacn	ctacacncca	cnaacaancn	nccagntncn	360
aanccgccag	acnccccann	tcangnacaa	cncnccncca	accacccaga	nnagaccacn	420
tccccnnnca	ccaccnnaac	nannnaaach	accctncatc	angaaccncc	caannncnnc	480
cnacncaccc	nacnncccc	cannccacng	ncnancncaa	nagacacca	ccccacacc	540
ctncncncna	anaacacntn	acaccaccan	ancacaacaa	naaccntncn	ccannacncn	600
nanannnnnc	cacacncccc	nancccnctn	nccaanccac	accnncnnc	nccnacncna	660
ancacncccn	anctncactc	nacancanca	cnanccccaa	tancacacca	nccaccacca	720
aannccactc	acacncanac	tatacagcng	acnnnaanca	cctcanancc	nnncnccnnc	780
cnacnnccctc	ncnccaccca	nancnacaga	ctcanctncc	agcannnacc	nncccccnc	840
tnnctcnnnn	acancacnca	tnagcanccc	ncancgncca	caccncacca	ccnnacncc	900
aatnccaccc	cacatccnnc	cncnccctct	atancaannc	cccaanccga	ccgactncan	960
ctngctcacg	canacatcnc	gnccgncntn	cnacactanc	nacnncnacc	tnactctnac	1020
natcgancnc	atcgntccnc	ncnnancaca	nnnnannnng	annatncnnc	cctccacata	1080
ccactacanc	atnacngcnn	ccnnnatcnn	nacatcnacg	ccaancncca	cacgaaccnc	1140
acgntaacc	atcacgacna	ccccaccacg	acnnngctaan	cgacnacnct	atccaagcnc	1200
tnccgccc						1206

<210> 5031

<211> 750

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(750)

<223> n = A,T,C or G

<400> 5031

gagngggnnn	ttngnnnagn	nnnnnnngnn	nnntnnaaag	ncagctcttg	ttcttttttg	60
aggatcccat	cgattcgcca	gttttttttt	tttttttttt	tatatatact	gcaattttat	120
ttcaatcgca	caaacgaagt	tagcatgtag	gaaacttaaa	tgaaacaaat	ttaaacgaaa	180
tagttacggg	aaaaatagca	gaaaactgaa	aattctaaaa	aggaagtaca	cctaaaagca	240
tgagaattca	acattcatta	gtgtttcatc	ttcagttttg	attgacactt	gatgcttgca	300
aattttttaa	caaactttta	aatcatgatg	actattctga	agagatttca	gcaccagcac	360
taagatttgt	acattcagtt	tgtttgcaat	tgacttgtga	gccatttaca	tagtggtatg	420

tacagacttg	tcacaggtca	gatcacagtg	ttgaggaaag	cagtgccttc	ctgtcattag	480
aaaggatccc	ctaaactgtc	tcagcttaag	acatccaacg	tacaagagca	caaaaccatc	540
ataataatgt	ggttccaagg	aacgtgggtt	tgataaggta	aataacttag	gcttctgttt	600
cccattttta	ttctgaaatc	tctaataatg	acacaactgt	catgtatgat	agcaaagtga	660
tataataatt	cattcagact	tcttggaag	aacatttagc	caatctggga	tgatgggaaa	720
tntagcatga	ttcaacactg	ggtttttttt				750

<210> 5032

<211> 820

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(820)

<223> n = A,T,C or G

<400> 5032

gtntttnaat	ttccaactct	tgtctttgcg	gaccctcgat	tcgaattcgg	cacgaggggtg	60
ggctcctggct	tcctaaaga	taattggaag	acttcattgg	attgatagag	agaaactgcg	120
taatttcatt	ttagcatgtc	aagatgaaga	aacgggggga	tttgcagaca	ggccaggaga	180
taaggatga	aaaggatcca	ccatatctta	tttgggaattg	ctggattgca	cttttgggag	240
aagaacagat	taaacctgtt	aatcctgctt	ttgcatgcct	gaagaagtgc	ttcagagagt	300
gaatgttcag	cctgagctag	tgagctagat	tcattgaatt	gaaagttgca	tagtatagtt	360
ttgccatttt	aacatttctg	natttgaaag	tgcttatccg	aatctaaaag	tgactactgg	420
taatatattg	natattgggt	taaattaatt	ttaataaatt	atataattat	acataattgga	480
aagcctctta	gaactatagt	gagtcctgat	taccgtanaa	tcnnggacat	ggattaggat	540
accattggat	gaagttttgg	accaaaacccc	caacctngga	atgccaatgg	aaaaaaaaat	600
ggcttttaat	tttngggaaa	attttgggga	aggcctattg	cctttnaatt	tggtaaaccc	660
nttttttaan	cctggccaat	ttaaacccaa	ggttttnaacc	aanccaancc	naatttggcc	720
attncaatt	tttaaagggt	tttccaaggg	ttccangggg	ggaaagggtt	tttgggaaag	780
ggtttttttt	naaaatttcn	ccggggcccc	cngggngccc			820

<210> 5033

<211> 826

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(826)

<223> n = A,T,C or G

<400> 5033

nnctngnngt	tctaattgctt	ggngnnctng	ntcgctggat	nggatcntnt	cgttgccttg	60
tnnactnggc	nngacnngnn	tctgcncngc	cgttgannca	cgnmntantn	cnccaaangt	120
anatgatgtg	gtatctnatg	tcncnactna	ngnttnga	aancaaaatg	ncctnacntc	180
gnaganaccn	tgtcncnant	nggnnatncn	caattnttcc	aggcntgann	nnccntgcct	240
gmnccnncag	ntacncanta	ggcctaagca	gganactnnt	ttntaccan	nanagttagg	300
nnnnggtgac	ccnanatcnn	gctnctgnac	tcnngnctgc	gtgacatagc	tagactctgt	360
ctnanantca	agccctcaaa	gctngaacgt	nttatacana	ccctgtgtna	attcngangt	420
gaaacgctgn	tgctactgn	aaatggggat	ttgggttagc	gatnanatag	gctaaatcac	480
ntntnatac	gtgatcctng	ngtananttc	tgcccgaatn	ggtngtacgc	ntatannaan	540
atanttcntt	gttngatanc	atcttcctac	cntananttt	ctngaaaaan	aaagtttggg	600
ttttgacnan	cactnncaen	atggntttng	gttgggtgcc	tgcttgcttg	gtttgnaatt	660
tnnagcccn	taanaanact	tnntnngngt	nctggaatan	ccgtnnnatt	ccnngacatc	720
atntntagcn	tcnttgtntt	naantggggg	nnannaccna	nttgttttna	attcngantn	780
aangaaaaat	gcccntnttt	nncgaaatnt	ttttgtggnc	ctttnc		826

<210> 5034

<211> 826

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(826)
<223> n = A,T,C or G

<400> 5034
nnctngnngt tctaattgctt ggngnnncntg ntçgctggat nggatcntnt cgttgcccttg 60
tnnactnnggc nngacnngnn tctgcncngc cgttgannca cgnnntantn cnccaaangt 120
anatgatgtg gtatctnatg tcncnatcna ngnttngaana aacccaaatg ncctnacntc 180
gnaganaccn tgcncñant nggnnatncn caattnttcc aggcntgann nncctngcct 240
gmnccnncnag ntacncanta ggcctaagca gganactnnt ttntaccan nangtgtagg 300
nnnnggtgac ccnanatcnn gctnctgnac tcnggnctgc gtgacatagc tagactctgt 360
ctnanantca agccctcaaa gctngaacgt nttatacana ccctgtgtna attcngangt 420
gaaacgctgn tgcctactgn aaatggggat ttgggttagc gatnanatag gctaaatcac 480
nttntnatac gtgatcctng ngtananttc tgcccgaatn ggngtacgc ntatannaan 540
atanttcntt gttngatanc atcttctac cntananttt ctngaaaaan aaagtttggg 600
ttttgacnan cactnnacn atggnttng gttgggtgcc tgettgcttg gtttgaatt 660
tnnagcccn taanaaact tnttngngt nctggaatan ccgtnnnatt ccnngacatc 720
attntagcn tcntgtntt naantgggg nnannaccna nttgttttna attcngantn 780
aangaaaaat gcccntntt nncgaaatnt ttttggtgnc ctttnc 826

<210> 5035
<211> 848
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(848)
<223> n = A,T,C or G

<400> 5035
gmnnnnnan atcagtcct tgttctttt gcaggcagga tatccnacgc taattctgca 60
cgcacgaggc taaggttaca nnagnatgng ttnccttgat nacaggtcac tctcncaaga 120
tgçgctnnct gcagtcagnt gcataactng tnaaannacc nganatagna ccanccttat 180
atgggtatgac agtgtnnnca gtgggagcaa nggtggtcca tagcctgcct atnatatcac 240
cnatatctgt gaacacactc atngcagant cagggncagc natctgntna atggacttgn 300
attatgtntg naccntngct tncgtngac ncngmntgag cgaactttc cttanggacc 360
ttanggnacc nnnntnaacn tactttncan atgatggnnn ttntgtcaat cccggatngn 420
tncacggttn cnatggcna aagncncnac ctttatntna cacgttgaca ttactttacg 480
acnctagtca cactnttgga ctccattgtc cacatncctg ntntatgana acnttaaggt 540
tttactttac aananttna ccntggcntt ncaaagtatn nncctgcnag accttcatt 600
ngcaagggnc ctanactttt tgcattgaaa aatttttaggt aaagttgctt ttccgctttt 660
agngcccttt ctaggggta ttaatttggg tgggntcct tncctntac tttcccttg 720
gcccgnntt ttcncnttn nggaaanccc ccccttaat tnncccccg tgnntttnc 780
ccncccnca aaaccnngc aaaattaaag gggggggaaa attgcccct tnnnttaaag 840
cccgaagg 848

<210> 5036
<211> 715
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(715)
<223> n = A,T,C or G

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<400> 5036
ngnnnnnttna aanatacagc tgttcttttt gcaggatccc atcgattcga attcggcacg      60
agggctatta aaaatgtaat cagtgtgaaa attcatgccca tctgaatcgt acgagtatgt      120
aagggatttg agttccttac agaattttct gtaatttagt acttcaagtg acttataaat      180
gtatatactt ctctctcaca aaagtgttag gagaaggaaa atcttaaata ctagcttgat      240
ttcttaattt aataacaaaa aacaattctc ataacatgta tcacctaaaca tgtcactttc      300
actttaaaaag tctaaagagt tgaggtttat ttcttttctt ttaaagttga tgtttatggt      360
ggtgatttcg aaaagatcag atcccccggt atgaaggatc ttaacctgtg cttttagatc      420
tccatgagaa atgcagtaca tgtagcatta gccatatttc ttttttagag gcctatgtag      480
gatatttata acctgtaaaa gtttgatgac ttcatgctca ggagaaagca agtaattacc      540
tagccaagcc aggtgggtgt tcaggttagt ggtaaacaga aaggagatgt tgaaagattt      600
catatctaaa gggtaaaaac acaagagaag tatatagaga taaacatgta agtataaga      660
ctgntacata gtaagctcct ncgaagtggc agccattggt attatttttc tgcng      715

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<210> 5037
<211> 758
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(758)
<223> n = A,T,C or G

```

```

<400> 5037
tgtttttgat cnagnnctct tgttcttttt gcaggatccc atcgattcgc ggcggtgtcg      60
gcagctgctg tagcgaagag agtttggcgc gatgtctcac accattttgc tggtagagcc      120
taccaagagg ccagaaggga gaacttatgc tgactacgaa tctgtgaatg aatgcatgga      180
aggtgtttgt aaaatgtatg aagaacatct gaaaagaatg aatcccaaca gtccctctat      240
cacatatgac atcagtcagt tgtttgattt catcgatgat ctggcagacc tcagctgcct      300
ggtttaccga gctgataccc agacatacca gccttataac aaagactgga ttaaagagaa      360
gatctacgtg ctccctcgtc ggcaggccca acaggctggg aaataattgt gttggaagca      420
ctgggggggt tggggtgggc ttggaacaca ggtgtgtaca gcgtgctgta atggaaagtt      480
ttgnatcata gtaatcctgt ttccactttg gtatctctac ccagattgac tgtattagat      540
gaaatgtgan gatcttggtc aatcggaac cccgtacctc ctcttttctt tctctttctt      600
tnntttttac ttaacatttt atgatgattt anatggaagt ggtctttngn acttaatgtn      660
ggttccagnc ctttaactgg tcaaaattta ctttttaccn tnacattctn aacctttttt      720
aaanaagggg ntgggggggt gnaaatgcnn nttaaccc      758

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```

<210> 5038
<211> 1278
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(1278)
<223> n = A,T,C or G

```

```

<400> 5038
tnnttgaang tgtagncttt tttttgggaa aaaaaanccc ccnttttttt nggggggggaa      60
naggtntncg gggntnttn atancnaata cncnattttt tgaanaaaan nacccttnt      120
canggnnaca aatatnctaa attnacatct acatnnnaan caaattatnt ncacnnaatn      180
ggacncatan tcgacacacc atttntntnt ancacacgtn naacatacat ntccaccacn      240
ntnaanatac ctctctctcc anttncann cncncctt ctnntaatac antacancnn      300
gaacccccctn tcnggggccc natntatatn anaaancacn ctaccatan atcacacnnt      360
ataatnatca tncnncatac ncannctcnn annccaaatg atgcaatnan naccacanac      420
tncnntcaat cccnccanaa tnttacnccn anancnngn ttannncanc atacncaanc      480
cacnaccana tncntcncnn nacnnnncnc ncannannnn ccancacnnn nannnnnnna      540
aannacannn nannnannca tncctctnaa tatancnacn anaannnnnc anacnacaac      600
cactcnnnac tcttaaactn cntananaca ctncantnnc cccaagacac anntncnnta      660

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agatggacna	cctnntaaac	atcnacacct	agatcnatnn	nngncccca	nctanaactn	720
tcaatccntc	cagcnaactt	caactnnnac	nacctnanna	aaatctncgc	acacnccnat	780
nncacctnac	ntannnaann	tacaccntn	ctatnanata	ctcacannnn	tcnctnttta	840
tatcaanntn	ttntcantaa	aaaccacgtt	naatatcacc	naactcncnt	atntcnaata	900
agtacgtca	cactanacan	acatatatat	ctacantttt	cncnnacnca	acanctatng	960
cnacaggant	cnncaccngt	anaacacctc	actatcaaaa	tngcnancgt	atcacnacng	1020
cnannagcca	tnccntacga	cntntgncaa	atcgaacncn	ntntaacaan	anatnanatc	1080
tnctnnacat	cacaantcta	tatctanana	ctacnngnga	gggcanaaac	acattcccac	1140
nnctanntg	tcnccacnat	aaccgnaatc	nccnnaaaca	catggnaana	tccccactan	1200
tcgnatccca	cncttcaaca	cnaagancnt	accacnntac	gtanacnaan	gancttgggg	1260
tnnaaanata	cttncccc					1278

<210> 5039

<211> 796

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(796)

<223> n = A,T,C or G

<400> 5039

ngnnnnntttt	nnaanaccct	nnctacttgt	tcttttgcag	gatccatcga	ttcgtttttt	60
tttttttttt	tgactcttga	gtggatttta	tttttgcact	ccaggatgca	gtgaagacgg	120
tggaaggttc	atcttcacac	cgagggccct	cagtgtcgag	gtgactcccg	gcctgaggag	180
ggctgaggca	tccctgaattt	tgagagtctg	aggttgaggt	ctaanaaggt	gtacgtgctg	240
taagtcatga	tgctgcaggt	tcttgtaggt	agtgtgtgca	aacggctcaa	caggcactgg	300
ggctggctcc	tgtgtgccgc	ctcggctcgc	ccctgcgcng	ntgcatcttn	catgggctcg	360
ccctnggcct	aanccttaac	gctgctggct	tttcatggaa	accnngggta	tttttcaaaa	420
gaactggctt	cnaattgctt	ggtggnatct	gatctttcac	gaatggctgt	ncaccttcaa	480
gtgggcttct	attcctgcgt	cctgaggttt	cctttntggg	caagggaagg	ggcccccttg	540
cncttgggct	tttggcaccg	ggttttttnc	natgccccct	ttgncggccc	caagaagaac	600
ttggctttgc	aacttgnccc	ttntggttnt	tggncctttt	tttggccaac	acaacaagg	660
ccnccctggg	ctttgccttt	tcgggnnggc	nccaaaacaa	ancctgaat	ttttgtggtg	720
ggacaagggt	naanggtgcc	cctttnaacc	tttcaaaaan	gggctttttg	ggcttttctt	780
tttaaccnaa	tttcna					796

<210> 5040

<211> 1308

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1308)

<223> n = A,T,C or G

<400> 5040

ggcttnaaac	ctttgaacnc	gcttattcng	cggtccannc	ttngnecngn	tacnggtang	60
gctgngnnta	ggcnttncat	tgcgangcng	nccccnnngn	gnnnccnnngt	tgancnnng	120
ngnengntng	gntnagnngc	tacnaacttn	gaancganca	gnnnnnngcn	ttntgggccg	180
ccactgccnc	gaggnntcca	nncnctagtc	accnngngng	tacccttagc	nncncttggg	240
tccctctngca	ccnnntcnta	gaaaatnccc	nncnnnannn	gncttcttna	gtgggtaann	300
tcnngtntnt	ttcccccnnt	ggggnncttt	tngtgcgcac	atngcatcat	tacctntngn	360
nnagtcnta	cactnatann	tctggnnccn	naannancgt	atcgtnctnt	agttncnttt	420
gtgtcgnnnc	tagnnanngn	tntanacgca	tnctntgnnn	natganncnt	nctcnnngtn	480
atctctcatg	tngcnctcnn	agcnnacgct	ctctatnngt	ananncatct	cganatcncg	540
cantntaata	tnacgggnana	tcgntcntnn	anntattnta	nntncangca	cttcntatgt	600
atatnagntg	cgtanecgttn	gannantnac	antgcgacta	tancatcngg	atagtncttn	660
acntcnnana	tcctctgcna	tangtncnat	actcngtata	ngnccnctcta	tatntaacan	720

agngtangtc	tntgcgtacc	tencnngnan	tctanncntn	gggtattcat	natnncaccn	780
tntagtnaac	nttacncgnt	gattnatnta	nccnnattcg	tgtnananga	cananncnct	840
natncaangn	nntacgtatn	gcacatanct	atgantnncc	tagatngntc	gctcaactat	900
cggcaanctc	tncataagnt	gtannnttnan	antnatgtag	tctncctgtn	ntngaccgct	960
atntnnntcg	tanctacncn	atccacnnaa	gananntntt	ngtngnntnn	ntatngctca	1020
aanntnggtg	ttctnaatcc	cccntctcnt	ttntntgnan	agtntgcnan	agttantcgg	1080
nngngtagcg	nntntacccc	tatnggagag	gnttctnant	tatgcgacat	cncannnga	1140
nnngnnaann	acggcngggg	gnttctctct	tggatntatn	ctcntanctc	tngcacgnnc	1200
nnggctttnt	canatnaaat	accntgacnt	ntnggtgann	cattngnnac	naangcgctg	1260
tgagatagnn	cccntagat	aagtctatct	gtatgctnnc	nccanccc		1308

<210> 5041

<211> 776

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(776)

<223> n = A,T,C or G

<400> 5041

gnnttttnaa	nnccnnggtt	ttaganaggg	cngcaggttc	cccanacaan	ctcnntgcaa	60
ganccgtagc	attcattacc	tgttttattct	ctgctgcatc	ttacagaaga	gtaaactggt	120
gagagtttat	atgggtatat	atatatatat	atatnanatg	tatatatata	tatatngact	180
tgctacatga	agatgtaaaa	atcggttntt	aaaggngatg	taaatagaga	tttctnaat	240
gaaaaanaca	tatngagaat	tgntctaattg	caacagaaaa	gccnnnga	ctctaaggnt	300
cctgtatatt	ccatgtataa	gtgnaaatat	aancagacag	ggntaaaagt	ggtgcatgta	360
tgtnacagct	tgcaagtctg	gacaaatgta	tanantaaac	cttnnattta	agntgggata	420
acctgctgca	tgaaaagtgc	atgggggacc	ctgtgcatct	gngcataatg	gcaaannngc	480
ttanaagggc	cganccgaag	atcnatncng	acntgacngt	tganatgtca	ggagctgacg	540
acgaggggat	acagcgggng	anagaatggg	catcganacc	aaggggctna	nagaagnttc	600
caatgggcgc	cacctttaaa	nntgnggatt	nacacaactc	cntncagggg	atnggngttn	660
nccannncng	acnttattcc	cagagtgtcc	cagtattagc	aatactggga	atataggcac	720
antaccaatc	atantnagaa	anntgggggg	tnaccccaac	ccaaatttga	ngcgan	776

<210> 5042

<211> 1105

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1105)

<223> n = A,T,C or G

<400> 5042

gggggncggn	natnaanngn	tnggaaactn	atcncangat	agcgcnggat	tengantggn	60
ttcgaaaaacn	ctncntnncg	atttnaaata	aaatnttttt	cntntttccn	ctgagganac	120
tnttgaaagg	nccagnngnn	aaanaaataa	gnatnnnggg	ntcaaatect	ancaggctca	180
naaatgcctg	nggttnnnnt	nggttcnttn	tngtntccn	ctcnnatatc	anatectgcc	240
ntgacntggn	nnctcntnnt	ntcgctnnnc	catcnntgac	atcncncatg	gcatgtanca	300
accntnnccn	gntannnnnt	aaacnacact	tgntatgtct	gnantggtng	aaatnaaaca	360
atngcaaccn	cccantnnna	nngggcnngn	ccagnncaan	acttggnann	ctntcanna	420
tnatccnntn	ccntnntncc	cncatngtta	ntcacttgta	taacatttca	nnncncganc	480
tttatatntg	nntntntggn	anngnntann	tancntcncn	ngnanccann	tagagatnnt	540
ggtgcngnnc	tnccataaaa	nggtntctatt	tgctnnacn	ntacatcagc	ctancctcna	600
atnttttagta	caggcnacgg	gaatatttcc	ncnngnggga	caaaatattc	gcgngganat	660
nagnttnttt	tnngnncngg	taccccatcc	cgannattat	actnntnnat	angngatnta	720
aactctataa	agtcnatgtc	ananntantn	aggngagtct	nnctngnaaa	anaaangnng	780
ctcatgatct	ctcnntatnt	atnnnatcnc	tccnanncta	caatctntan	ccanttnacg	840

ngcnnnatta	nnngngggnc	anattncacg	tgtecntcta	agncccntgt	gtctananac	900
nganncntng	nantcaancg	cnanagngcg	acacnccgat	actaantntg	nacttccata	960
ccaattantn	atgtntcatn	ccccgacatt	aatnagggtc	nnaatttnta	naatcaatgt	1020
ctnnncacna	natcngncgt	attccaagnt	natatntntn	aagnnaccnc	tctagcncnn	1080
ananncactt	tnngtcgtnt	angcc				1105

<210> 5043

<211> 759

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(759)

<223> n = A,T,C or G

<400> 5043

gtctaangna	ncagctactn	gttctttttg	caggatccca	tcgattcgaa	tncggcacga	60
gcttccttgt	ataatactga	tcattctatt	ttagcggtaa	gaacccaaga	aggagtatgg	120
atacctgtaa	agctttctgg	tccttgggaa	gcctctcctt	ctgtgcatat	tattactgaa	180
attcttcaaa	agattctgag	atgctctcag	tgtttcattg	ctactttaat	tttaatcatt	240
atgggattga	ttgctgtcac	agctactgcc	gcggcanctg	gagttgcttt	gcatttcaca	300
gtncaaacag	cagactatgt	aaataattgg	cagaaaaatt	ctactttgct	gtggaattcc	360
caaactaata	tggaccagaa	actagctaata	caaatcaatt	atctncaaca	aactgtaatg	420
tggctaggag	attgagtagt	tagtctagaa	tatagaatgc	anttacaatg	tgattggaat	480
acttctgatt	tttgcattac	tcctcatctg	tataatgaaa	gacagcatga	gtgggaaaga	540
gttaagaaac	atttgaaagg	tcatactgga	aattnacttt	agatattatg	caactgaagg	600
aacaaatatt	tcaatcttct	ctggcacatc	tgacactaat	gccaggaact	gaagtgcctg	660
aaggcgcttc	anatggataa	cagctattac	ccattaaaat	ggatcaggac	caannaaann	720
aaaaaaactc	cgagccttta	aactttgnng	agtcnnttc			759

<210> 5044

<211> 1444

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1444)

<223> n = A,T,C or G

<400> 5044

ctctcncnnc	nnnncnnntc	tctnncnntn	nnnnntnntn	nnnctcnnnn	cnnnatctnn	60
nnnncnctnn	nnnnncntnn	cntccntctc	ttntntngct	ctcntntctc	ntncatcttn	120
ccnctattnt	cntnntntnc	mntcntcnnn	antnctnnnt	tctncctnnc	canctntcca	180
tnntntactn	tcnntnntct	ggctnttnta	tnnggggggt	ctatttnttn	ncttaaateg	240
actngttcca	agtctcntan	cngcntctnt	ctnnctntct	ntgenctnctn	ctggggcntt	300
aattncccn	gctnttatan	aagngngnaa	ttaaggtntc	nnntctanng	ctntgcaagg	360
ctaagtntta	gatccngnta	gaanncgnta	catgttgga	acngacanct	tnctgcncaa	420
agngggctna	ggcannngnn	tnngcaaann	ctcnnntntc	nnancttgnn	tcncgtagan	480
cggnnncccc	tgaatttttn	ancnngganc	nttaaantnt	ntngnggtac	ganncncnnc	540
ncgnnnnnnc	gnntannccn	canngttaan	tgcncccnna	nnnantcaac	tctntnttcc	600
tnntnnaacn	nnnttantct	annatnntta	cnnntnagnt	tttccctnct	nacnntctg	660
tnctntntnn	atctntntct	tctcncctna	ttntatctc	ntntntntnc	tnccctnatc	720
tatctnctac	nctcctntcc	ncttctccct	nnctctctc	atcatatccc	acgcnactna	780
ccccctctnn	ctcttaacctn	mntnctctcn	tentatctcn	nnaccctctt	tctntntctt	840
atnnncncta	tcctctactt	attctcctcc	tattntncca	ctcacccttc	ntntntctnc	900
nctntctctn	tnctatttnt	actntcncta	ttcctnctc	tctnntgnct	cccacccctt	960
cttctctctn	ctctcctnnn	nnnactactc	tcaccntctc	nnctntcnct	ctacnnntnn	1020
ananttcctt	antttcctnc	tcatcacant	actcttccct	ctcatnntca	nanctaantt	1080
ntnctctcac	tctaccactc	tnntctccac	tcatatnana	cttctatant	nctaatecta	1140

tcttcttaaa	cntctcctct	tatcncctcta	anctcctctt	cntcgctanc	tccmntncaa	1200
ctcgnaaatc	tctccaatnc	tncccccactc	taaaaatnnc	ncntcngant	cccacttttc	1260
ngngcanaat	mnaacncnan	tcncctccct	ttagctatct	ctctanaaac	cccntttctc	1320
aacaggnacc	ncctntntc	tcnaaatcct	catnctncta	ctttatatnt	cnccaagcct	1380
cncctntgta	anagcatctc	nctntccncc	aatnnanac	tccctnctcc	natanatntn	1440
anat						1444

<210> 5045

<211> 1027

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1027)

<223> n = A,T,C or G

<400> 5045

agngnttcc	tcccccttt	atttngaaaa	annggcgcc	tnnttcnana	attggccact	60
ttttcctgg	ccnngggga	tnccccaata	cgcatntcgc	gnaaatgtgn	cggttcnacc	120
gatagtccta	aaacctctg	ggccattgca	aaaaggggnc	cccangggnc	gntcttacia	180
ngnatntntn	ttttataccc	tnnttnggng	gacannctgc	cagntctaata	cnaancgggt	240
gngattattn	gggggngnc	acccttnngn	cncnnataat	atatnnnggc	tccncatgtg	300
anggcncncc	ccatangnag	tntatncncc	tactataat	tatcntantc	anncgcaaca	360
antntatacn	ngtngtatac	nttgaatnaa	gaatnccact	mntatgctac	gantatnnnn	420
ntngtcnnnn	ngntgntntn	nnctnaantc	mntnactact	tctnctgna	cnaantant	480
cgnacntnca	cnmccnccnc	tanatntgnt	anttnanctc	nnnnnctcnc	tngnnntcn	540
tnacnngacn	tanntnnatn	gnnanntaan	anactnannn	taannannnc	nnnnntnttt	600
cntnnttcta	cgntcncnta	ncncnnacnc	nnntcnnntn	nctanactct	nttnnnannn	660
mntantnnnt	cnncnaccnc	tgatntattn	cctcantatn	mntnnttct	nttnnnntnt	720
ncgctnnacc	atacnannac	nacatnnnan	nnctgatntc	ncnntanctc	ctncnccat	780
tcnncatgnc	ntntnnntat	cctctcanan	naanatntnt	nnntgannta	cgntgtatgt	840
ctnntcncgc	annataccnc	atcntnncta	ctagatacca	cnannnctnt	acnntnncac	900
ntntcnatat	nnantatant	ctnctacntc	ancnanctct	ngntntatct	gangacacat	960
atntcnngat	nacactgntc	caantnaact	cnagnnnnac	canggtcatc	gacnctatnc	1020
ncncccc						1027

<210> 5046

<211> 748

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(748)

<223> n = A,T,C or G

<400> 5046

ncntntttcc	tctcnaatcg	nttgggtgtc	ttntgtcagg	atcccatcga	ttcgggtcta	60
cagtatgtag	aagcagcaag	ttagtattaa	tgatgatggt	accttgtttg	atgggtcgacc	120
aatagagtct	ctgtccctga	tagatgccgt	aatgcctgat	gtagtaciaa	caagacaaca	180
agcttataga	gataagcttg	cacagcaaca	ggcagcagct	gctgcagctg	ccgcagctgc	240
agccagccaa	caaggatctg	caaaaaatgg	agaaaacaca	gcaaagggg	aggagaatgg	300
agcataact	atagcaaata	atcatactga	tatgatggaa	gtggatggg	atgttgaaat	360
ccctcctaata	aaagctgttg	tggtgcggg	ccatgaatct	gaagttttta	tctgtgcctg	420
gaacctgtgt	agtatctcc	tagcatcagg	gtctggagac	tcaacagcaa	gaatatggaa	480
tcttagtgag	aacagcacca	gtggctctac	acagttagta	cttagacatt	gtatacgaga	540
aggagggcaa	gatgttccaa	gcaacaagga	tgccacatct	ctagattgga	atagtgaagg	600
tacacttcta	caactgggtc	ctatgatggg	tttgccagaa	tatggactaa	agatgggtacc	660
ttgctagcac	cttagggcag	cataaaggcc	ctatatgtga	ttaaaatgga	atacgaaagg	720
aaattcatnc	taaatgctgg	attnacaa				748

<210> 5047
 <211> 825
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(825)
 <223> n = A,T,C or G

<400> 5047
 gnnnnnnnnn ttttnaaagn ccagctcttg ttctttntgc aggatccctc gattcgaatt 60
 cggcacgagc agaaaagtta ctgcagctta aacaggaaaa cccttcttgt tcaggactgt 120
 catagccaca gtttgcaaaa agtgcagcta ttgattaatg caatgtagtg tcaattagat 180
 gtacattcct ggnggtcttt tatctggtgg tagctttgtc tttttctttt tcttttcatt 240
 acatcagggg atattgccct ggaaaattgn gggtagtggg acccaggaaa taaaaaatt 300
 aagggaattt ttaacttttc aatatttgng tagttcaagt ttctacatt ttaagtncca 360
 gaaactttta caaaaaatgcc agtttcgaaa ggtgtttcct tgnngaagtt naccaagtta 420
 aaggaagatc attgggtaaa ttactatttt tggnatggaa attttgctna aagttnactg 480
 gtaaaggaaa cacctgctga ctttgcaagt ttaangggga atctattctt cccattttcc 540
 aaacccatgg atatggaatg gggccctga ccatgtggga agaggaattg gataatttgg 600
 ggtggtttgc natggggtgg ttttagatna attgggattg ggggtatttta aaattaacca 660
 tttgnggaa nttnaatagg cttttnaaga atanccntn aaaatgnaa aaaaaaatct 720
 tcnaaaatt tccaaaaaaa aaannnnnaa aaaacctcna nggncctttt aaaactnttt 780
 nnggaagtcc nnatttacct nnnaatnccc gacnttggat naaga 825

<210> 5048
 <211> 707
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(707)
 <223> n = A,T,C or G

<400> 5048
 cnaatgctgg tngctngttc tttttgcagg atcccatcga ttccggggcta gcctgcacgc 60
 acgccaagat ggagctccag gctagccac agaacagccc agccgcagcc gtcctaccag 120
 accagcacct tgtaaccaca gtctaacca gcgggcacca ggcggtgaga cctcctgccg 180
 ctgccagccc aggatagccc ccttgccctt tgcccaaggc tcaggctacc ccttgaggcg 240
 tctggaggac actaggtctg acctggggag tggcatgatg gggggcaggg tccgaggcaa 300
 cggagaaggc agaagtgact tagattgtga gtgccacggg gctgaggcct gcgccgacct 360
 ggtctgctgg tgctaccagg cttgaacagt cttcaaatcc actgctatta ggcaaattac 420
 ctggctcccc ctgaactcca gcacctagaa ctatgtcaca ctcgtagtag gccgctgcat 480
 tggttgaaca aatgattttg aaagaatgaa tgtcttcttc tgtgcttga tttctcaga 540
 aggctgtaac aaagattaaa taggaaaatt cgtggaaaagt tcaaaaaaaa aaannnnnct 600
 aanantcatn nnannnnang agnntnaaaa aaaaaaaact cgagcctnta aanctntagg 660
 gagncgtatt acgtanatcc agacatgata ngatncattg atgagtt 707

<210> 5049
 <211> 762
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(762)
 <223> n = A,T,C or G

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<400> 5049
ngntttttaa tcagctctng tcttttgcag gatccctcga ttogaattcg gcacgagaga      60
acacaggtgt cgtgaaaact acccctaaaa gccaaaatgg gaaaggaaaa gactcatatc      120
aacattgtcg tcattggaca cgtagattcg ggcaagtcca cactactgg ccatctgac      180
tataaatgcg gtggcatcga caaaagaacc attgaaaaat ttgagaagga ggctgctgag      240
atgggaaagg gctccttcaa gtatgcctgg gtcttgata aactgaaagc tgagcgtgaa      300
cgtggtatca ccattgatat ctcttgtgg aaatttgaga ccancaagta ctatgtgact      360
atcattgatg cccaggaca cagagacttt atcaaaaaa tgattacagg gacatctcag      420
gctgactgtg ctgtcctgat tgttgctgct ggtggttggtg aatttgaagc tggatatctc      480
aagaatgggc agaccgana gcatgccctt ctggcttaca cactgggtgt gaaacaacta      540
attgtcgggtg ttaacaaaat ggattccact gagccaccct acagccagaa gagatatgaa      600
ggaaattgtt aaagggaagtc agcacttaca ttaagaaaat tgggcttcaa ccccgacaca      660
gtancatttg ngccaatttc tgggtggaat ggtgacacat gctggagcca agtgctaaca      720
ttgccttggt tcaanggatg gaaagtcgcc ntaaggatgg ca                          762

```

<210> 5050

<211> 761

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(761)

<223> n = A,T,C or G

```

<400> 5050
tgcttgctct tgttctttat gcaggatcct anctcccnnt ccnggnagga gganacagtt      60
actgactntc ccgcagacgt ggtgctcttt gaagggatcc tggggcagaa tgagggtggac      120
tatnncagaa agcagggtgt catcctgagc cangatagct tctaccgtgt ccttacctnc      180
nagcataagg cctaagccct gaanggccng nncaactntn accaccnnga tnnctntgnc      240
natgaactnn ttctnantnc actnanagna atnactgatn gnanagnngt gcngatnccn      300
gtgtatgact atgnctcnca ttncagnan gtnccgatan ctntccctga tganacnnnt      360
tgagganaca gatnccgaca cccgggtctn acgcaaanta ttaanggaca tcagcganag      420
atgcagggat cgttgaacac tataacatcg tcaattcatt anatnnctc aagcntgcct      480
ttanangant tctcctntgn caacaacaga tncctggctt ntanaggatc ntnnctnnga      540
ggttcncaat agatactnng tnggacaaac anccnatnt gtgcaattnn attcctnnga      600
ccatccnttt aatgggaaag ggnctttnna aacggggnaa acccaattng ttgncctaaa      660
aggggnataa aaccntttt naaacnaggn ntgtangnnc ttcanaactt gnnannaatt      720
atggccccc ttttaaccct ttaatggctt ttngtcccc g                          761

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<210> 5051

<211> 847

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(847)

<223> n = A,T,C or G

```

<400> 5051
nngtctatag ctggctctcg ctnttggtgt gatencatga ncccatnnan nnnantnngn      60
cccngtgagg nctntnattt gcaccatgtt cgagtnangg tcctttccta aacatgntnt      120
aaaaatatan atnccgatggc ttatttaaaa tgtccctatg catggngaaa tgntaaatc      180
cangtggatg antggttctn nnntatattg tgaatggaga attatncaca atgcatctat      240
atgtgtanac taataatgta naatatgtc nctntnctg ntctgtgnan aatgtgctct      300
aaaatnccct gntngtgggt agcatgggct ggacagnnat tgattttcag aaaaatgctt      360
ggcttttggg ttnttgcaa tagggaagcc tgcngcaa tctctcattt gncaaaaaa      420
anttatttt anctattttg aatgtatgct atcttcanta cgcttccatc ttatgatnna      480
aggnntntcn natttctant ccaagacttc gngcntanac tgtcnagtn gggcatttga      540
tgncttgtca ccagtggaaa cctgaacgga aaggggctnn aggaccnacc ttattcctta      600

```

agggccctgg	agaaaaaccc	gttnanttgg	gctccttaga	actngctngc	nggggaaacc	660
tggaaaaccc	ttgcccttng	tttttaaagg	ggngnncct	tgggtttccc	attngggngn	720
ctttaaanaa	attttggggg	cccnaccna	aaatttggcc	ccggggattn	cnnctanntn	780
ggctngccct	tttaantcct	taanttaaaa	aggncctta	caattttggg	canttggggg	840
gnnaaaa						847

<210> 5052

<211> 747

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(747)

<223> n = A,T,C or G

<400> 5052

agagnnnnnn	nttttnncta	atggctgggg	atagtctggn	ctttttncag	gtngccnanc	60
gantcgaatt	nngcacgagg	cttgatctt	tgtcnaaacc	ggttatgtat	gtcaaggagg	120
agtttaaggc	ctttccgcac	caccttgtgt	atccctngcc	tgcncagcgc	atgtatnacg	180
tggagtgtct	ccttaccaca	ccttanntgc	ccctgagccc	tatttntctag	atttcttngt	240
gggctggaaa	ccccgtntct	ccaccagcat	ntccattatc	ccaaactttc	tagncctgct	300
gatactanca	nnaacggggt	ggaaactgga	gggcngcgtt	ctggcngttg	tcnaagaaac	360
ttatganttc	tattatnagt	acaangangn	taaaatgggn	ccaatatntt	ttactaanct	420
catgntatat	ngagangaaa	ctcctatgat	ctgnttcang	aagggtggta	tnctnggcn	480
gttnacgggn	tnnttanggn	taccaaant	aactctgctn	tcatacctta	atctgactan	540
tcnagnattn	ttagatgttt	ggggngannc	atcctcttaa	aatnggnacc	agggcntggc	600
ttcngnngan	gcngtgntna	ccaagtgaac	tatatngnt	ctcatcannt	gctntangcc	660
nactggaaac	acntttgncc	cgcaagnnnn	gctgttgagt	cgatgtactg	cnttcccatt	720
natggctaca	nttgcttatn	aggtngc				747

<210> 5053

<211> 1014

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1014)

<223> n = A,T,C or G

<400> 5053

gnnnnnnctg	nnntttta	cagnctcttg	ntctttngna	gganccctcg	attcnaattc	60
ggcacgaggn	nntgntcctt	ntgnnccncc	cnngntggng	anactnannt	ggcttgcctt	120
nnnncgnacg	cnngaagaa	cgggcntctc	acgcgcntnt	gnattgtntg	acangganca	180
tgnaacctncn	tacnnnngcc	atntgntnt	ccaactgcnt	gaanggctaa	tcctnggcct	240
gctctcnnan	nggntgnntg	tggnaaangg	ngtttggttt	aaaanncata	nnaatnncct	300
tccatnatte	agnctgtntt	tnnacngggn	anttnatnnt	caatncntnt	agctgntnan	360
cnncggcann	gctcaattaa	tnctgnact	ctnnattttc	cctnccnttg	nanttgcnat	420
cacattaatg	cggatcaana	tnngntttta	tgaggaantt	ntctcgactt	attaaggnac	480
ccccaacct	gngctagtga	tttttcaann	ncatgnttgc	angaaaaaa	ccctttcaaa	540
aaccttaatg	gnaantttct	ttgaggetta	aanaataaaa	tncttggggg	gtttacttgg	600
ggggnccaa	cgggggggga	ntnnaannt	tngccttctt	tnntttggga	accttttnan	660
cnttgggga	atgggaatgg	accctcccc	cnttttttag	gggtaaatcc	caaanggggc	720
cnttgnngc	ggnccccnna	aaangtgggg	ganatcnaac	cctggcttng	ggggatttta	780
aaaaaatttt	ttncaaaaa	attnggnnt	ntttttttt	cnnnnncnnn	nnaatggggg	840
gaaatttttt	ttttggggcc	cnaaaattta	aaccccggtt	tttttctcca	gggggnaaaa	900
aaaaaacct	ttttttttt	tcccnnnnnn	naaaaaatgg	gggtnttaac	ccaaaaaann	960
cccggtngnn	nncctttttna	aancnccaaa	aancnttttt	ttccccgna	nggg	1014

<210> 5054

<211> 762
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(762)
 <223> n = A,T,C or G

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<400> 5054
agagnnnnnn nnnttntnn ctacttaatt gcttggtac ttgttctttt tgcaggatcc      60
catcgattcg aattcggcac gaggcattnc ctgctnggaa cctngtntac taatttccac      120
tgcttttaag gccctgcact gaaaangcaa gctcaggcgc nggtggtcgt tgtgacccaa      180
cctgcagtcg gtccnggncc ggccccccag aactncaact ggcaaacagg catgtgtgac      240
tgnttnanng actgcgaggt ctgtctctnt ggnacatttt gtttcccgtg ccttggnntgn      300
caagtngcnn ctnatatgan tgaatgctgn ctgngnngaa caagcgngnn antgaggact      360
ctntacagga cccgatatgg catccctgga tctaatttng atgactatat ggcaactctn      420
tgctgtntct attgtactct ttgccaaatc aaganagata tcatcagang gagagccatg      480
cgtactttct aaaaactgat ggtgaaaagc tcttaccgaa gcaacaaaat tcagntgaca      540
cctcttnant tgagntcttc acnatctttt gcnactgaaa tatgatggat ntgcttaagt      600
acaactgatg gcatgaaaaa antcaaatnt tttgatctat natnagatgg aatggttgn      660
ccttgacttt agcttaaatg ggngcaactt taggtttctt cttgctntca tattatccga      720
aatttcctgg cttatnaact tttttnaaat taccatttgc aa                          762
```

<210> 5055
 <211> 1024
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1024)
 <223> n = A,T,C or G

```
<400> 5055
ntnnnnnangn ancnccttga aacgcctctc tngtangcgg atcccatcga ttcggntngc      60
ananggcacn aggctgctgg gcctggaagn ccttttgggg ccaactcgcta attctcatgt      120
gtngctccgg cccctccagc tgcagggtggg tgtggagttt gaggccagca caaggatgcn      180
ggacaccanc gtctccttcg ggtaccagct ggacctgcc aancaacct gcttttcaaa      240
ggtaaaggtc tnggtttccc tacgcgggaa acaggcagga agtgactcaa ctntngantg      300
ggatgtntgg gccaccacag gtgctggagg acagngagcn tgnccacctt ntngggcctc      360
cacattaccc ggggaacact tgtaaaaang taatgtgggg ccgggtgcg gtnggetcac      420
gccctgtaat cccagcactt tttgggaagg ccaangcggg cccnaaggta atgggagaat      480
tgnagacca tnnctgggtt taaacaccng gtggaaaact tccgttnttt taactnaaaa      540
aattncnatn nnaccnanaa atttaaacc cnggatagtt gggttttccn gggttgccct      600
aaattgggtn nccaaaacct tacntgnnng ggnttttnaa gggnnccgggn aaaaaaatn      660
gggttnattg aaaanccncc angtaaaagg ctngggaaac cttttggctc ggagtaaaaa      720
cccnanaana aancccgagg cncanancnc nggaaaattt tcnnnaancc ccctgggggg      780
cccgaaccnn tntnnnncca aanngaactt ntccaatttt tttaaaaaaa ngnnnanann      840
annacnnata aaaangctct tggggtnngg gacaaaaaac cccctntttt nacctantgg      900
ggnnntaatt ggcctttggg gngaaanaaa aannanaana ntnttnnnta taaaaaaant      960
cgggccctaa acncctttga gggntgagat ttnaaaaccc ccttngttta attatcccc      1020
gcct                                     1024
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<210> 5056
 <211> 822
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1)...(822)
 <223> n = A,T,C or G

<400> 5056
 tnnntnaaaa cnnnnnnnnn tnnntcctg aannanancn taannncana nanacnannn 60
 natnaaangn cttcnaancn ggaaancttc nncgctcnag nagnaagacg gggaaccagn 120
 gnctnacgag cnagacaggt nccaattagg acntcatctg gncnctgtc agncatcaat 180
 gaggggcnca atgactatag cttggancac agaccacaca cncncgcgan gntgcncggc 240
 tngaagnatt atncacancn gcgncccaa nggggcnagg tgatggagna taccaccatc 300
 cttnggntgc ncgaggngga atttgccagn nangggaaat ntcagngtgt catctccaat 360
 cactttggtt catcctactc tgtcaaagcc aagcttacng taaatagnng gggattaaan 420
 gannnctttg gcattttaag attccnaggg gccaanaaaa ngnanaaacn nntcncctcg 480
 naatgttanc ccngnaggnt ntatngnag ntanccacct gnctnttct ttaccnacct 540
 nannnnncac agaataaaga tacttggtta tctgtatnta aacctgcnat tatgggtgaa 600
 nacgacaccg nactcaattg tggatgagta acacaacana tgaaccanac ntgtanntgc 660
 tcanntttng acccncnttc nnttatnann nagctgaggn cggcaatctt nnnantggtt 720
 nccccaaaag gnttggaatg annatcccng gggttnncaa ntngannntt gnaatatngn 780
 agcnnaaatn gnannttcaa ncnntnggg agnaaaaaan cg 822

<210> 5057
 <211> 1103
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1103)
 <223> n = A,T,C or G

<400> 5057
 cggggaaaaa ctctncaaa aaaancagan nnacctnann nnaggaggan cccttaaaaa 60
 aatatggagg cccnttgngg gggaccccc ccaaaaacca nccaagaaan aantaagggg 120
 ggnccttggt ggggggggat gaaaataang gggggnccn tnnnggnggn annnanncnn 180
 nnnnnncnnn nannannana nnnannncn nnnnnnnana aannnnnncn nnnnnnnnc 240
 nnnnnnnnnn nnnnnnnnn nnnnnnnnn nnnnnnnnn nnnnnnnnn ancnnnnnnn 300
 cnnnnnnnnn nnnnnnnnn nnnnnnnnn nnnnnnnnn nnnnnnnnn nnnnnnnnn 360
 nnnnnnnnnn nnnnnnnnn nnnnnnnnn nnnnnnnnn nnnnnnnnn nnnnnnnnn 420
 nnnnnnnnnn nnnnnnnnn nnnnnnnnn nnnnnnnnn nnnnnnnnn nnnnnnnnn 480
 nnnnnnnnnn nnnnnnnnn nnnnnnnnn nnnnnnnnn nnnnnnnnn nnnnnnnnn 540
 cncannnacc ccancncnn cncncncnc cccccnacc nncnnncncn cncncnnnn 600
 nnnnnnnnnn nnancanccc nccccaannc cncncncnn nccccncnc cncccccnn 660
 nncncncnn cncnnnnccn cncncncnc ncaennccn caccancc ncnncnaca 720
 nnancncnn ccncancnn ncnncnnnn cccacncnn ncnncncn canannaacc 780
 cnnnnnnnnn cnnnnnnnn nnnnnnnnn nnnnnnnnn nnnnnnnnn nnnnnnnnn 840
 cnnnnnnnnn nnannncaan cnnnnnnnn nnnnnnnnn nnnnnnnnn nnnnnnnnn 900
 cnnnnnnnnn cnnncanna nnnnnnnnn nnnnnnnnn nnnnnnnnn nnnnnnnnn 960
 nncannnnnn cncnnnnnn cncnnnnnn cncnnnnnn cncnnnnnn nnnnnnnnn 1020
 nnnnnnnnn nnnnnnnnn acnnncncn cnnncancc ncnncncnc nnnnnnnnn 1080
 cacnnnnnn nnnnnnnnn cct 1103

<210> 5058
 <211> 761
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(761)
 <223> n = A,T,C or G

<400> 5058

agagnnnnnn	nttntnnct	actaatggct	tggtacttg	ttctttntgc	aggacccatc	60
gattcgaatt	cggcacgagg	gnaaattgng	catnnnnntg	tttgngatg	gcnnenttan	120
ctattnnatt	aangcncntt	atactctgct	gcttaactng	cttgtaattg	cacntnngtt	180
acctgcacat	tttcatatng	aatattgtgn	tancatngct	tantgtgngt	ctggatggaa	240
gatncntggg	cctacaggat	cattaatgac	atattgttta	tattacagta	ttatatctgt	300
gncatcagcn	gtaantncat	ttntttacaa	atanangcct	gttccatttg	aaanatatac	360
aagtgtgtgg	ncaaaaaggaa	gtatacccag	nancaagccc	atgangagtt	tcagcaagtg	420
ttcattcctg	antgcnatga	ctacngcgcc	tacagtcan	tncagtgtca	cagctacacg	480
ggatactgnt	ggtgcccac	gcccacggg	aggcccatca	gcggcncctg	cntgnccac	540
aagacgcccc	ggtgcccggg	ttcctnaat	naaaagttn	cccaacgcga	aggnacatga	600
aaaaacagatg	atgccgtanc	ttcanngtnn	ganactcanc	cttaaggnga	ttaagaaaat	660
tttgcatnaa	gtttaccctt	acccttttgg	aattgaacan	ggttaaaaag	ttcccaataa	720
cnaaaacca	ataaganttc	aatggcctcc	tntggancca	a		761

<210> 5059

<211> 746

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(746)

<223> n = A,T,C or G

<400> 5059

gngnnnnnnn	nnnnngnnnn	nnnnnnnnng	nagnnnnnnn	gaggnntttn	ngatacagct	60
cttgttcttt	ttgcaggacc	catcgattcg	atcantgtga	actcttaaan	catgcngaag	120
cnnctctagg	aagtngaat	ctgatacaag	ctgtgatgtt	gcctgangga	gangatctca	180
atgaatggat	tgctgtgaac	actgtgggat	ntcttnacca	gatcaacatg	ttatatggaa	240
ctattcagaa	ttntgcctga	ancaagcttg	tacagtcatg	tctgcanggn	ccagatatga	300
atatcactgn	canatggtac	taatattaaa	aagccaatca	aatgttctgc	accaaatac	360
attgactntt	natgacttgg	gttcaagatc	agcttgatga	tgaaactctt	tttcttctta	420
agattggtgn	ccatttgecn	aaactttatg	tctgtgngca	nanactattc	taaagcgtct	480
gntcaggggt	gatgcccacn	tttatcacca	gcactttgan	tctgtgatgc	anctgcaata	540
ggaggcccc	ctcancacct	gctttaagca	ctttattgtc	tttgntcagg	agtttaactt	600
gggtgatagg	cgtgaactgg	caccttgttc	aagaattaat	anagaanctt	ggatcacaan	660
acngattaat	gtttntnta	gaacacagtt	ccccattgct	taatctattg	ntagactatc	720
tnattgctat	ctggtattng	actacg				746

<210> 5060

<211> 808

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(808)

<223> n = A,T,C or G

<400> 5060

agagnntttn	ncnctgaag	ccctntaaan	nggctgggta	ggtcgtnctn	tctccangca	60
gccannngcg	nntcgaattc	ggcacgcagg	tagcgacntt	tnnagtangt	ggtgggcanc	120
tcaccgtggg	nacagttagc	ctntctatnc	ctngcntnct	ncaactccnc	gnantngcta	180
aanggtcggc	nanaaagcat	gnaaaggact	ccgnaaaggc	cannacataa	cgcngtatnc	240
nccgattcgc	anancagctc	ggntggcagt	gnccactngg	antcgtntta	tgatcgacac	300
ctagagatga	tactggcgca	cncagcnttn	gtncacgcgn	ggctcaactt	ggcnacnant	360
gncacngngg	caggngnncc	tgagtagcnt	nnccgnaagc	ngtgctnnga	ctnggcntgg	420
actgnntcan	aagactnnta	ngtaaaccgt	atctccacnc	gnatcntgca	actatgctnc	480
ccttgganat	gagnnancag	antgtcatan	aaangntaca	antgcngata	gtggnncant	540
cacananatg	cacagngccc	ntnttgncaa	natnggacat	cccaggaant	gccagangat	600
canggangcn	ttgaaatntt	angactnnta	antgtcncnc	gcttgnaca	gagctgnttg	660

aaaggcagtc	ggantgcac	cctggngaaa	gcccacaagt	nntgacgttt	tggggattng	720
natttgaanc	aaaagcngaa	gaactttaat	taggattctn	cnanccatcc	cnaattgctg	780
ggaattcgaa	atctttaacc	acatggcc				808

<210> 5061
 <211> 792
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(792)
 <223> n = A,T,C or G

<400> 5061						
taannatcag	ctcttggtcn	ttgaagcctg	ctatnnncag	ctacttggtc	tttttgcagg	60
acccatcgat	tcgaattcgg	cacgagtggg	aaangtttta	tttntncact	gnngttgncg	120
gttaataana	natggncaaa	cgtgcncctg	tnacacactc	gantatntnt	ttangaaatg	180
ntnatgtggg	natgattacc	nttagatcaa	tactttaaat	aattttaccc	nttttacaag	240
ggtaaccang	ggcatactga	aacttttaga	cncttncngc	aatnncnatg	ggggangttg	300
ggtgangctt	nggateccctc	ttttngttt	tgcacgntgn	aanngangtt	nccagntggc	360
atnttgaata	tgctgctttc	caaaaaccca	ngaagtnta	aaattgcttc	ctggnccttag	420
aggactaana	acaagaccct	cattcccact	ttcatttnc	ctctagcaaa	aactgggctt	480
gcgtanttct	ccanctactc	gnntatatcc	tcnttccatg	tncaaaccct	ncattccctaa	540
gnnggattgg	cttactttng	cccattccata	tggcagnatn	tntaatagct	ttgnaccggt	600
attagatctt	ggccttaggc	ccangttcaa	aacaagtgcc	natctatgac	cagggnccaa	660
anaaaaaana	tccaggattt	cgaangagan	acnntncatt	gggantnaag	actcntacna	720
agtccttagc	cnttttcata	aaagcctggg	cctctaattg	ctggnaccat	tttaanggga	780
canttatnaa	an					792

<210> 5062
 <211> 780
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(780)
 <223> n = A,T,C or G

<400> 5062						
tttnaaancc	ntggttnaat	ncctnnttga	anccttttta	tgatacagct	cttggttcttt	60
ttgcaggatc	ccannnncag	gcttgacca	ccgcgccag	cctgtaattt	cttatacttn	120
gtatnttgta	cttgatttat	gcttctgata	cgctataatn	atztatgtac	atgttttttt	180
nctncaatan	actgggaact	cttcgaatgt	aggactnnta	atgctagata	ctcaattatt	240
ttntattaaa	ttgaatgact	ngaaactaca	gataccttnat	ntaaacttcc	caaatttatg	300
ctgtatttaa	ncngctcttn	aaatctggtc	nntaangnga	attntnaagg	cttgggacat	360
gcacatgatg	gntgtattgc	caactgngaa	aaggtgatgg	nttactggag	caggggcaag	420
gacacctggc	cccgcccgga	gcaaaaactg	ntcaaccaca	aacgatagca	ggaaaaggcc	480
tgtgncttnn	gcaacantgt	nttgctgcag	ataatnncnc	agagcctgnt	tctctgntct	540
tnctgagatt	gctttgggtc	cataaangat	tgtttttagct	aatctacaat	ctatagaagc	600
aatgntanaa	cttggttttt	tggantaaan	ngnnggggna	aagnttngna	atgtgggntg	660
tcaanntttt	gaaaaaannc	tnnatacnan	caaaanttna	nccattttna	atnttttagng	720
ngggantant	tnnatnnann	nttnntagan	actntgntga	gtttgnaaaa	acccaaantn	780

<210> 5063
 <211> 762
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(762)
 <223> n = A,T,C or G

<400> 5063

cgnnnctttt	tgaacccatt	tctcgttctg	caggatcnna	tcnattcgaa	ttcggcacga	60
gggaacttac	ccatggggac	taatntggaa	aaggtctgtc	catagtggnt	ccctgaagac	120
tgaattact	tcagcaaaac	tncccatga	acagctaata	tgtannгаа	gantgancta	180
gcaaatgagt	tttaccgggg	acaaaaaatc	aagcanaana	gtgaatgctt	agaaccttct	240
caaagcantc	acaagtacag	acacttcact	tagcctaggg	ggccttccag	ggttcttgtg	300
gctgntgtca	gagcaggagc	tgggggaggg	aagacttggt	ctctctttct	tgaggggtgg	360
cattaggaac	ttacgaaacc	anagaccttt	ccctatgact	tggcagnatg	tgaatatact	420
ctacacttag	ttattgataa	acttcttaaa	gagatctgct	attttcaggt	agtgccataa	480
tctgcactta	ncattggctt	gcttcagttg	ggcctcttcc	canccagtat	gcccggtga	540
acttttcgagg	ttgtcattaa	gtaagtgtgt	aaattttctgn	aataacaaag	gcagtcnngn	600
attcttttct	tttccnccaa	attcctaagg	caaaactttt	ttatggngct	ggtnacatgg	660
ggagtnacac	aaccnictga	ctttttctca	ttgccattgt	aatgactgat	gganaacccc	720
accnctggg	atccaaatga	caattgtgct	gaaaaaccna	tc		762

<210> 5064
 <211> 763
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(763)
 <223> n = A,T,C or G

<400> 5064

gnnnntttnn	atctgctact	tgttcttttt	gcaggatccc	atcgattcga	attcggcacg	60
anggtgactg	cagttgacga	aagcatgcc	tgggggatgg	ggacattgnt	gggccacatt	120
ttggngacng	acccnngctg	ttgactttgg	gaccnatacc	tttgannntt	ggcntgccct	180
cntagnctt	ggaattccct	gttttccagc	ccancccnna	tggtatgtat	attcnttaca	240
agtntctcna	aagancannt	gtctaggatg	cggggagggg	aggttccttc	cntangggag	300
cgtgganaga	agggagcagc	cttgggggtg	nattntnggt	natgcntcan	attgggcatg	360
catgggatgg	nanangggct	cagccactnt	cctncagaat	cttcctnaga	ccctncaact	420
gcantatgta	atnctactct	gtnttccata	naagggangg	agccacatat	gacattccag	480
ttctaagccc	ancatggang	aacangncta	tgtccccata	ngtgangtan	aagtagaggg	540
cttcacctgn	cagtatnctt	gccgctactt	cctcacataa	ggaangacga	agaagnaacc	600
nggacctcgc	tttnccatgg	tgcantcagg	aacanggttt	tacgcagctg	gccaaactntg	660
aggctntgct	gncttttntc	gtggncagtc	caggaaatgc	ttacaccacc	ttttttccca	720
ctnttncctc	ttggattntg	ggggncccn	aaaccggaat	tnn		763

<210> 5065
 <211> 762
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(762)
 <223> n = A,T,C or G

<400> 5065

cgnnnctttt	tgaacccatt	tctcgttctg	caggatcnna	tcnattcgaa	ttcggcacga	60
gggaacttac	ccatggggac	taatntggaa	aaggtctgtc	catagtggnt	ccctgaagac	120
tgaattact	tcagcaaaac	tncccatga	acagctaata	tgtannгаа	gantgancta	180
gcaaatgagt	tttaccgggg	acaaaaaatc	aagcanaana	gtgaatgctt	agaaccttct	240
caaagcantc	acaagtacag	acacttcact	tagcctaggg	ggccttccag	ggttcttgtg	300
gctgntgtca	gagcaggagc	tgggggaggg	aagacttggt	ctctctttct	tgaggggtgg	360

cattaggaac	ttacgaaacc	anagaccttt	ccctatgact	tggcagnatg	tgaatatacct	420
ctacacttag	ttattgataa	acttcttaaa	gagatctgct	atthttcaggt	agtgccataa	480
tctgcaacta	ncattggctt	gcttcagttg	ggcctcttcc	canccagtat	gcccaggtga	540
actttcgagg	ttgtcattaa	gtaagttgtg	aaatthctgn	aataacaaag	gcagtcnngn	600
attctthcct	thttcnccaa	attcctaagg	caaaacttht	ttatggngct	ggtnacatgg	660
ggagtnacac	aaccnnctga	ctthttctca	ttgccattgt	aatgactgat	gganaacccc	720
accncctggg	atccaaatga	caattgtgct	gaaaaaccna	tc		762

<210> 5066

<211> 746

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (746)

<223> n = A,T,C or G

<400> 5066

agagnnnnnn	thttgtctac	taatagntgg	gttggntnnt	thttctncac	gcannccagc	60
gnntcgaatt	cggcacgagg	tccatctthg	tagctgacat	gacacattth	aaaaatttca	120
cattaaaatg	aaggcatcta	atggctccat	tatgtcttht	agagtggctc	ggcccagcta	180
attgcatatt	gaaatacatt	agattthtca	taaattactt	tcctthattg	tcthttctgt	240
caatcttagg	acattaaaatg	tatatgtthg	aaattgtgth	taggtaggth	atctgagcat	300
ttggttcana	tagtaaagag	agtgttataa	gttcaactga	agccccaggg	gctthgggac	360
tgatagggtt	tagaacattg	cactagggga	aatgaattgt	aaagtaattg	thtttctcta	420
gactaatgat	tcagctgaat	taatacttht	aatgtgaagc	atthtttaaag	aaagcaaacc	480
agcttggtgc	ggtggctcac	acctgtaatc	ccagcactth	gggaggcaga	ngcggggccg	540
atcacgaggt	caagagattg	agaccatcct	ggccaacatg	gtgaaaccct	gtctctacta	600
aaaatacaaa	aattagctgg	gcataatggt	cntgcctgta	gtcccactac	ttggggangca	660
nangcaggag	aattgctthg	accggggana	tggaagttgc	atgacccaa	tcggggccctg	720
nactthttacc	tgccacanant	gagant				746

<210> 5067

<211> 732

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (732)

<223> n = A,T,C or G

<400> 5067

gnnagnnnnn	nmngnnnntt	tnagatacag	gctacttgth	ctthtttgca	gatcccatcg	60
attcgcaagc	attcaagaaa	taatggtag	aatagcctgc	taatagcatt	attcccatatg	120
cagggttgatg	ccgccttacc	thttggacatc	ctaacctatg	aagagaagac	cttgtcagcc	180
atcttgagaa	tatgtagcag	tggtcttgth	aaattgtgga	gctctthtgac	cctgttagga	240
tcctataaaag	gcaaaaaatg	tgctthccgg	gtgattcaag	thttctccatt	tcctcttgca	300
ttatctggta	atagtaggga	actagtattg	gattgaatga	ataagtcttc	cattthtgaa	360
acgttcatcc	actctcatat	ttatthttthg	gtgcctgcat	gtthtgaagac	tgaagcaggc	420
taaaagctct	tgatgaaatt	tgagggtgct	gaagatgttc	ccactaattt	ccagccatca	480
cctthtggtg	ggtgggcttc	ggaggacaag	ctgtctgaa	cctgccagtg	ctgaccctgc	540
agcactthtca	gcataatgcac	atcaaaaagt	ggagaccgag	cctgaactta	nganggcctt	600
cacacagact	gatgtggcta	cccttctcag	aattaacagg	ggatgtcaat	cctthtgatt	660
tgaatgaana	ctthtgaaaa	cacaccaagt	ttgggaaatn	caattggna	tgggaagtht	720
tgacaacgga	ct					732

<210> 5068

<211> 820

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(820)

<223> n = A,T,C or G

<400> 5068

gggntttata	tatcagctct	tgttcttttg	caggatcctt	cnatcggtan	ncngnncgan	60
ctganttcgt	acnnagnct	gctnntacct	gggctnactg	gannnctcca	nctacncagg	120
cagnaggatg	gnagctnaac	tnccangang	agcttgccaga	gnncctgnna	tccgtgccac	180
tgcactccag	cctggcctna	cancancegn	gactcnnngc	tnntaancct	aaaagnctcn	240
ttatcagcat	gcntcccatt	ganagngtcc	tacatnctgn	gacattcacc	tatattccng	300
ggncctntta	attnncaacn	actgctctta	gangtcttag	ncttttatgt	taattctnat	360
aaatncnatt	gaatanatat	tatncccaaa	tcttagtggt	ngcatnttag	ctattnaanc	420
ctntccaang	tangttaaag	gccaccgttt	tcngatnaat	nctnctnttt	atantcnatc	480
tggaatanag	catttctntg	agaataaaa	anagtttntt	tnaanaatag	gatcttttng	540
ncccttcggg	ncgncctttn	tgncctntag	ctgctttggg	gcaantntga	agttgagnga	600
tcnncnttgt	agccctagga	atttccanan	ttgcnctgnt	gtnantggaa	cttctnancc	660
ttgtgccnan	agnantnatn	nccctntnn	tttttaaaaa	nnaattngtt	tcaaanttcg	720
nccttntttn	aataggcttn	anatgnttat	anaccnnggn	cnaagttntn	caatcttnan	780
tccctttnag	nntccnaatn	aatntaaant	ccttnaatng			820

<210> 5069

<211> 833

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(833)

<223> n = A,T,C or G

<400> 5069

nnnnnnnatn	atnnnnntnt	nnntntntn	nnannntnt	ttnnntntt	ttggtgaggt	60
naatcttctn	ttanctcca	nntntcgntc	tnnttgcant	nccngtcgat	tcngataact	120
agtcaataag	gaacaggatc	aacggccact	ccaccatgg	caaatccaca	tgcagggnnt	180
ctncaccaag	gttccagcct	ncaaagtga	anacgcctg	gaacagcnag	ggaggtnaac	240
aataattnaa	nananaga	ggaataacg	cnnaagaaaa	ngaaaanaga	ancgaaanaa	300
ctaangntng	aaaaccaccc	ggaaaactca	aggaatcaca	atcctaanaa	gccccaaaa	360
ggacaggang	ctnancttga	ngctgggtgg	gaggaantcc	ctgaggccaa	tggctctnca	420
tggaananga	gnagaataa	gaancanngc	aaggacancn	ccncttagga	atangcacgc	480
gttggcgcng	ggaaaacgaa	ncngangcac	tctgaanttt	aaacatattc	tnagaaacaa	540
caanatnaag	cttccagaac	attctgaagg	gcnganaacc	agaataccat	naagctcctg	600
caaaaagtta	attnnctgg	aagggaacta	ttaaaancatt	ctnaaacaag	ccccaacaaa	660
tnaaataacc	ctcaaaaagc	taangaaaa	agtttttntc	tantactaca	caggtgacca	720
gatttagcct	tnaccagatt	tccaaanaag	gaaactncct	tgggtcattc	ttttaacaat	780
gaaaaattta	tctacntaaa	ncctttcctt	tttaantttt	tttaaaaagg	gng	833

<210> 5070

<211> 741

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(741)

<223> n = A,T,C or G

<400> 5070

agagnnnnnn	nnntttgtct	tntggtctct	aanaggcttg	gctacttggt	ctttttgcag	60
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gatcccatcg	cttcgaattc	ggcacgagga	gccctcttat	tgtatatact	gaacgcattt	120
ttaaattgaa	gagatactat	tctgtgtatc	tttgcaggcg	aatgagtcct	aggttggcca	180
gtgtctcact	agttgagatt	aaatttttgc	ttatacttgt	tgatttgact	gccttctgaa	240
tagtattagg	aacacattgt	aaatttgttg	ttgatggctg	gctgaagttt	tccagcacat	300
ttcttgaggt	tgccaagttc	ttctacaatg	actgaatcta	ctcttcattc	attctagtca	360
gcagtctcac	acttaattcc	aaggtttact	taagattttt	ttctgaaaaa	gcaatgcttg	420
ctttccatat	ttgcataatt	tttctctgcc	ttaatagcag	aaacaatggc	ttcatcttgc	480
atttgatatc	gattctttcc	attgatatat	cttgtcctta	ttagctagtt	gtttcccact	540
gggtgcagtg	gcttatgcct	gtaatcccag	cactttggga	ggtcaaagcg	ggaggattgc	600
ttgagcctag	gaattcaaga	ccagtctggg	caaaatagtg	agaccccatc	tgtcaaaatg	660
aaaaaaaaaa	aaaaaaactc	gacctntaaa	ctatagttag	tcgattacgt	agatccagac	720
atgataagat	ncatgggtgag	t				741

<210> 5071
 <211> 760
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(760)
 <223> n = A,T,C or G

<400> 5071						
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tggtctcgnc	tgtnngctgng	gtttcctgag	ttgtctgtgc	tgcggcgggc	gcagcggcgt	120
ctgtgcttgn	ggaggtgtcg	gcctntgggc	ggatgttgac	attgtgttgn	tgttatngct	180
gatgtaatg	gcnnccggcg	nggcngctga	cgggtccagac	cccatccact	ctgtagccgg	240
agccganaca	gccgacagcg	aactncncgg	cctcgnatcc	ggcagcagng	gngactnccc	300
tcagcctgcg	ccgcctnncc	cgncggtncc	cnngagccaa	cccngggagt	cangncctnt	360
mngcatggga	gctcgnaaag	tnangatggn	ngattttacac	aaaanctatg	atgaatagga	420
ggacnaggan	cggccctgga	ggagcagctg	ctcaattact	caacggaccc	ggtgggtcgtc	480
ctcggatccg	gtcanntcan	cgtatnagga	ctgagcaaca	aatttgaatc	tgaattgcct	540
anttcattaa	ctggaaaant	cactcctgaa	gaattttaaag	ccngcattaa	cattantnac	600
aagttggatt	aanaaaaacc	ttctgtaaat	gtccgttnct	ncttagngga	ngcetttnnat	660
tgctgctgcc	attangtncn	ntttgtggcc	agtnnttggc	tnaattaaag	aacnctaaaa	720
ngttgagnat	ttantagaat	gggaaaancc	atccgttnnt			760

<210> 5072
 <211> 742
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(742)
 <223> n = A,T,C or G

<400> 5072						
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aggaccgcca	attctaagat	tgtagtggtg	actgcaggag	tccgtcagca	agaaggggag	120
agtcggctca	atctggtgca	gagaaatgtt	aatgtcttca	aattcattat	tcctcanatc	180
gtcaagtaca	gtcctgattg	catcataatt	gtggtttcca	acccagtgga	cattcttacg	240
tatgtttacct	ggaaaactaag	tggattaccc	aaacaccgcg	tgattggaag	tggatgtaat	300
ctggattctg	ctagatttctg	ctaccttatg	gctgaaaaac	ttggcattca	tcccagcagc	360
tgccatggat	ggatttttgg	ggaacatggc	nactcaagtg	tggctgtgtg	gagtgggtgn	420
aatgtggcag	gtgtttntct	ccangaattg	aatccagaaa	tgggaactga	caatgatagn	480
gaaaattgna	aggaagtgca	taagatggtg	gttgaaagtg	cctatgaagt	catcaagcta	540
aaaggatata	ccaactgggc	tattggatta	agtgtggctg	atcttattga	atccatgttg	600
aaaaatctat	ncaaggattc	atncctgtca	acnatggtaa	aaggggatgt	ctggcattga	660
caatgaannt	ttctgagcct	tncatgtatn	ctcatgcccn	ggnattaacc	tcgtnttnac	720

ccnaacctan ggatgatagg tt

742

<210> 5073

<211> 732

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(732)

<223> n = A,T,C or G

<400> 5073

gnnnngnnnnn	nnngnggnt	tttatatcta	ctggctactt	gttctttttg	caggatccca	60
tcgattcgaa	ttcggcacga	ggcccagag	ggaacctcct	ccgctggggg	acgggaagcc	120
caccgacttt	gaggatctgg	aggacggaga	ggacctgttc	accagcactg	tctccaccct	180
agagtcaagt	ccatcatctc	cagaaccagc	tagtcttcct	gcagaagata	ttagtgcaaa	240
ctccaatggc	ccaaaaccca	cagaagtgtg	attagatgat	gacagagaag	atctttttgc	300
agaagccaca	gaagaagttt	ctttggacag	ccctgaaagg	gaacctatcc	tatcctcgga	360
accttctcct	gcagtcacac	ctgtcactcc	tactacactc	attgctccta	gaattgaatc	420
aaagagtatg	tctgctcccg	tgatctttga	tagatccagg	gaagagattg	aagaagaagc	480
aaatggagac	atTTTTgaca	tagaaattgg	tgtatcagat	ccagaaaaag	ttggtgatgg	540
catgaatgcc	tatatggcat	atagagtaac	aacaaagaca	tctcttttnc	tgttcagtaa	600
gagtgaattt	tcagtgaaaa	gaagattcac	gactttcttg	gtttgccagc	aaaattagca	660
gccaatattt	acatgttggt	tatattggng	ccaccacttc	cagaaaagag	tttagtaggg	720
atgaccagg	gc					732

<210> 5074

<211> 772

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(772)

<223> n = A,T,C or G

<400> 5074

gnntttctaa	ngcnngetnt	cttctgcngc	tcnncnate	cgtgnntaca	cancacgncg	60
angntntct	gactntnnn	ctatgtaata	ngcaggngta	gttgnntntn	tgctgccatg	120
natgnatnna	catnncatgt	gcagtgtctn	acgtaatacn	ctccnatnaa	nctngttggn	180
cntactnntc	nncaacntgg	atatgncant	ttgnncagna	cnantgntgc	anattggaan	240
atgatggcct	nactcttacn	atgtgattgc	ctatatgncc	tctnnacctt	gaatacntnt	300
gntatnncan	ncanagtnt	aaaggatgnc	natnatagca	gcncctcttn	naaataagga	360
aacntccttg	aataatgtaa	aagcctcata	tacaataatg	aataataaag	aataatgtga	420
aggcttcatt	caaggttggn	gtttgccaga	tcattgcaac	aaaatgacag	agcanccaac	480
gtatttanga	tagtggccaa	agtattgtaa	tgatggctta	tggagtgtca	gctggataaa	540
gagtgaaaat	gactaaaaac	taatggattg	ttcagtcgaa	tagcanatgg	tcaatggtca	600
tggccagtat	aataggggga	cccaaataana	aattggaaga	cccagtcana	agtggggant	660
tgatcaattc	canccaaaag	tgggaatggg	caggggaatc	ggtaggcccc	anggttccaa	720
aaatgttacc	agnggncaat	tttgttggcc	ccatggtggg	gaatccaang	gc	772

<210> 5075

<211> 750

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(750)

<223> n = A,T,C or G

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<400> 5075
agagnnnnnn tnnntcttat cgcctaatagc ttggctactt gttctttttg caggatccca    60
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cagctggatg aagatatgca agacttatga actttatttc ctccctcacct ctttttggca    180
tcagcggcaa atcttttcat gaagcccca ggacacaaaa cattttccca tttaaaggaa    240
aacactctag ttttgcaagt atatgcatac aagagacttt agattgatct gcatgaagat    300
cacagttaag tatacaggag tagaactgca ttattgcagc ctttttggtc acttataaat    360
ttctctttta aatagatgga gacaaaggac aaggtgaaat gtatcaagtc aaagtgaatc    420
atttagttga ctctataatt ctaagggtcaa aatggaaactt gatagttttt taaattaaaa    480
aatgtataca cctaacatag aaaattaaag atagctgcag accattagaa ataatacaat    540
tgtttttgtt tactttttact ccatgggcat tgaaaagggt aagaaacata aatggtccat    600
atttttaaag ttaagtagca tgcataatata tatgcacaca cacctctttt tcagcatttt    660
ttgagaaagt cttggggtct caaacacatt tgtctcaaca catttccaaa tgtggattct    720
aatagctcan tgtggctgaa aaagtgcnaa                                750

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<210> 5076

<211> 761

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(761)

<223> n = A,T,C or G

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<400> 5076
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aaaaaagcta acaatangga agaggaacta tataaaagga acatttggag catagaagag    180
agttcatgga aatgtnaaaa atgatggtac cctggggttg atatagtaag taaaaaacta    240
agggtaagag ggtcatgaaa gcatctagaa gtaggagga aagccagtca aattcacagg    300
atgaagtcag gaagataatn gagcagtgcc cgcaagatcc tgaggggaaag caagttccaa    360
tctataagtc tgtaaccctc acacctgatg gccccttgaa catattcagg gcttcaaaag    420
attgatctgt catgcaccgt ctgccatgat actgtgtgag gatgtgttct tcttcttaaa    480
cattaaatca agaaagaatc aacagtggac ccagtttaata gcngatcagc cnaggataag    540
atgccctaga agatggtgaa gggaaagtct cagaactact ggtcttcagc aggagcgaa    600
gacacctgat ccatattgga ntgggtggga tgcgaacttc aggaagggat gcccccaagg    660
aaaaattggn aaggngtgat gactgncttc aanaggttcc aggtctttta aaaattttcc    720
ctnccaaccn tcacntttgg ctttngaaan ccncgcctga t                                761

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<210> 5077

<211> 765

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(765)

<223> n = A,T,C or G

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<400> 5077
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ttggtggtat tggtagtgtt cctgttggtc gagtgagac tgggtgttct aaaccnnta    180
tgggtggtacc tttgtccan tcaacgtttc aacggangta aaatctgtac naaatgcacc    240
atgaactttg agtgaagctc ttctggnga ctatgtggnc tncaatgtca agaattgtnc    300
tgnaangat gtcccgacca aggcaacgtt gctggtgacc gcataaatgn cccaccaatg    360
gaancatctg gcttcaactgt tcangagatt atnctgaacc atncatgcca aataagntnc    420
cgntnatnnc cctgtnttgg attgccacac ngtttacant gcatgcaagt ttgntganct    480
gnaggaaatg attgacnncn ntctgnntan aagntagccn atggccctan attcttgac    540

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tctggtnatg	ctgncatngc	tgatatgggt	cctgncaagc	ccatgactgt	cgaanagctt	600
ctcaagacna	tncaaccttt	ggntcncctt	cgtgctacga	ggatattgng	caccggacag	660
ttgccgnagg	cnttttgatc	aagggcccnt	ggacaaaaaa	gctggtcgaa	cctggcnaag	720
gtnaaccaan	ncttccccct	aaaacttcan	naaggnaaan	tgcan		765

<210> 5078

<211> 969

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(969)

<223> n = A,T,C or G

<400> 5078

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cnanncnann	ggggnnnncc	gntnaaaacc	ggtngcccn	gcgcncgggc	ggggnggnc	120
nnanccgaat	ncngcacgna	cggggccgnc	ggngggaccc	tgggntggg	gcnagaanca	180
nccgacgcng	gccagaanag	ggggnctggn	gncccaagan	agaanncatg	antagnacac	240
tgganacnaa	anccgtgtgg	ggacacatga	ancccnanc	ccatgngtcg	nancctgccc	300
anaagtgant	gtgnagntna	ctggaagtgt	gggntccaac	cgncaaaccg	tgggatccca	360
aaacnncang	ncaagccagg	accttngcac	agcccgnaaa	ggnanatncc	cnctnaann	420
tctngagacc	cggntgnct	gggggaaaca	gcaggcccg	acantgnng	ngtngggac	480
ttancggaaa	catgggtaac	gtngcancag	cgccacggga	gtccaacccc	tgaaaatacc	540
caganctcgc	gtgnananc	aaccgngnnc	ccaaaacaaa	gcnaggggnt	atgggnttaa	600
aancccnna	nttnaanagc	ccnccnggg	gnaannangn	agnntttttg	ggancccaaa	660
ancccnngga	gggggcccag	ganncgaaaa	aangnatncc	cnttnaaaag	gncnccanga	720
actnanaaag	gganaaccan	nntnecngnc	ccaatntnac	ccccaannc	aatnccnnt	780
tccgtgcngn	cccaatnate	cnccnagtnc	cattntggcc	ncnagngng	ggggnncnn	840
aaangncttc	ttgnaaacan	atnggggaaa	ccntttnacc	aaaaaanngc	gnannnggg	900
cccaatancc	accgggnccc	ccccanann	annggccann	ancntgggcc	tccaaaaaaa	960
agaaanngg						969

<210> 5079

<211> 748

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(748)

<223> n = A,T,C or G

<400> 5079

agagnnnnnn	ttttgtctc	taatggctgg	ctacttgctc	ttntngcagg	atcccatgcg	60
attcgaatgc	ngcncgaggc	nttagttgct	nnttgaaaag	ggaactgcac	ntgatcnat	120
catggaanga	tagctnact	ncttnccgac	cttggtcaca	ggccgncatg	agganggact	180
gttccantgc	tncnngggcc	nctgncntgn	tnctcatcac	tggnccttagc	tttggagtac	240
ncaactccaa	gtggcccag	tctagactct	atcaaattcc	acactgatag	caacaatgan	300
tgcatctgat	gtgtgctgct	ggcnatctta	agcccaaaat	gcttcaaaga	tnaaacagnc	360
atatacattn	aagatacata	tanaaatngt	nnaattngaa	tgtatacaan	ntagattacc	420
ctaacgaact	tactacaag	aaatncatct	tatatccnng	cacnnaaatg	tgganntnta	480
catgaaagga	tataccggtt	nanaaaccac	atnccatntc	ttaatgctga	ntgagaaggc	540
ntggactact	aaacttggat	tactgatnaa	atttcaaaan	gancttgatt	ttgctagcag	600
aaatcnttac	cnngttctcn	agcttctata	ancagttctt	gaagggatta	nacagctggt	660
cctctntcca	aattctggat	taatttcagc	tgtgtatttc	cnannnaatc	tttcagcctc	720
tagaactata	tgagtcggnt	tacgtann				748

<210> 5080

<211> 949

<212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(949)
 <223> n = A,T,C or G

<400> 5080
 gncntacttt nttatcntan cactctgctt tncgtcatca tcgantccta tnatgtgggt 60
 tnacctnatg cgggnntaan ccagnaacan cntggcccat gtinnccntga actcacattn 120
 tgttcatgna ttccagaatt nttinantgga nagattaata gncagaaacc ccactaggna 180
 canatcacna nacngacgct tntagcttgn agacctntta ggcanaaagt annaannana 240
 ntnggatctt gcngncctta atctcttccn ggaananggg cctatagntg gcnaacttgga 300
 aaacacggcn ctgntccann gtttnttgcc ccnnacccga gacaccacna gtgtcacctc 360
 caaggggggn cttcaaannt tgggggtgcgc ccggtacctn ttgaaaatga aggtcncccc 420
 caaatggggn gngagtttnc catncctcgc cccttgnggg ttnatttggtg ngaacctcnt 480
 tggncacctn tttttacttt tagggggcan cccccatttt cncctttggg acccccttng 540
 gattttgtcn ccttgggaaa acaatttttc ggggnccaaa actttanaat tnaannttgg 600
 tttanagcna anantgtggn cccaaaatgg gtacangggg gttnccecaa caaaagccgg 660
 ctctttttga tattgcatac ctcaatnccc acttgtcaat ccntttttaa ttactttanc 720
 ctctaacata atgaatntta ncgacctnan aattccntcc tganatacat gtgangcctn 780
 ttgcctgana aantgacacg aatnatTTTT naanngatct nntganannnc nctcancata 840
 cgatatnta cntctngnct tnagaanact cttttattnc ctggnagatn aaaanggtan 900
 cantntaang ctntnttgtc atcctcanag ganttaangc tataaaann 949

<210> 5081
 <211> 779
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(779)
 <223> n = A,T,C or G

<400> 5081
 ngnttnaaca cctgntgtcg ttctgcagga tgnanganen ctngnttcga angngcnang 60
 ngtgcatgat nctgnccnnn nattgctagc gntaanaccc ncgagggagt atggatncct 120
 gnaaagcnct ctggctcttg ggaanccnnt ccttnngtgc ntnttattac tgnaattnt 180
 cañaagattn tgagatgctc ncagtgtcnc attgctactn tnattgtaat cattatggga 240
 ttgatacgtc gtcanaanta ctgccagcgg cagetggagt tgcttngcat ttcacagtac 300
 anacagnaga ctatgtnaat aatnggcaga anaattctac tnngetgtgg aattcccaaa 360
 ctaatatggn ccagaaacta gctaatacnaa tcanttatgt ccaacaaact gtaatgnggc 420
 taggagattg agncgttagt ctagaatata gaatgcagnt acaatgtgat tggataactt 480
 ctgattnttg cactactcct catctgtata atgaaagaca gcatgagtgg gaaagagtta 540
 agaaacatnt gaaaggncat actggaaatt tacttttagat attntgcaac tgaaggaaca 600
 antttttcaa tctttctttg gcacatctgg acacttaatg ccaggaactg aagttgcttg 660
 gaaggcgctt caaaatggga ttaagcaact attnacccca ttaaaaatgg atcaagacca 720
 nnaaactana anaaaaactc gaacctntta aaaccattan tgangtcgga ntaccttan 779

<210> 5082
 <211> 935
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(935)
 <223> n = A,T,C or G


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<400> 5082
atgggnatgg nnnnnnnnnn nnnnnnnnttt ttttgtttaa aaaccccttt naaaaattgg      60
gnaccctttt nggggtntaa attanaatcc ctnttgaggn ncttnntacn ctccctcnaa      120
naanttaana cactantatg gccgtntttt tcccnccnta cctttgntnt acacccccat      180
tgtgcnaaaa gntnncgcaa nnggtnncca ccaaacnttg acannctcta tagtaanttt      240
acnacnncac ttgnncaactt cgccanctct tnaacgccan actagtagca gaagtactcc      300
acccttnaan aaaacanaca actaangccc ttttactgcc ctcatcatcc nnttangnac      360
ctgcttacct atgaatgcct nttanacata canatntaat acctggaaaa tcatccacc      420
ngccncata ttcaaacnan acaacacatc cnnacactag anactcttgcc ccccatcc      480
tcaggtncna caaaacanaa aaggnttntc nncatantt cttactggcc ntncctgaac      540
tangnaccgc atncaaacca cntcatcnct tantannttc ncttgctcct tagccagctt      600
ctgncctgan aaccnccaan ctggaaaaac acatctnccn anatccattn cttgngatca      660
caaanacnnt nnnccgcggn ctcaannncc tactcaaaga tccactgtcn catctgnccc      720
cctanacccc tttncntang cattcctaac tttntanaca aactgcttta cncttagtnc      780
anggaactnc taccttgcac catcncccnt ttttncntna ctttcttcct ttgatcctta      840
cncttcaaag ggccttnnga ancnttgacc cnanaatnaa atttaattcc ccnttnttgg      900
agngtcctt cnaaacnnaa tttntaaaca ccccn      935

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<210> 5083
<211> 752
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(752)
<223> n = A,T,C or G

```

```

<400> 5083
ggnttnaan ntcagctctt gttctttntg caggatccct cgattcgaat tcggcacgag      60
gcaagacagc cacatttgct atttccatcc tgcaacagtt ggagattgag ttcaaggaga      120
cccagcact agtattggcc cccaccagag aactggctca acagatccaa aaggtaattc      180
tggcacttgg agactatatg ggagccactt gtcatgcttg cattggttga acaaagtctc      240
gaaatgaaat gcaaaaactg caggctgaag caccacatat tggtgttggt acacccggga      300
gagtgttga tatgttaaagc agaagatacc tttctccaaa atggatcaaa atgtttgttt      360
tggatgaagc agatgaaatg ttgagccgtg gttttaaggc tcaaactctat gagattttcc      420
aaaaactaaa cacaagtatt caggttgtgt tgctttctgc cacaatgcc aactgatgtg      480
tggaagtga caaaaaatc atgagagatc caattcgaat ttcttgggtga aaaaggaaga      540
attgaccctt gaaaggaatc aaacagtttt atattaatgt tgagagagaa ggaatggaag      600
ttgggataca cttttgtgac ttgtacgaga cacttgacca ttacacaggc tgggnatttt      660
ctcaatacna ngccncaagg gtggacctgg cttgactgag aagatgcacg ccnngagact      720
ttacaggttc ttgcttntgg ctctgcggga at      752

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```

<210> 5084
<211> 728
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(728)
<223> n = A,T,C or G

```

```

<400> 5084
gnngnnnnnn nnnnnnnnng nnnnnnnnnn gnnngttttt taganacagc tcttgttctt      60
tttgcaggat cccatcgatt cgcnctacnc aagngntnag ccnactncnc ntcaannnna      120
nactgggcan ggatnagact catannaaca ttgtgctgca ttgagaccn cagattcagg      180
gagccatcac cactacatgg canattgtga tctataaatt gctggggcat natcacatgg      240
ntccattntc nnaatgggca aggatgcttg cacctatcga ncngggctat gttnagtatn      300
cctggtcatt ggctaaactc atagctnanc gtaancggan tataaccatt gacctatgct      360
ngtggacatt tgacaccatc agtgtactta tnngantgat cactgatgcc tcatgacacn      420

```

gacctttatc	aaaggacatg	atggccaggn	cctcttgang	cntaccgtgc	tatcccngaa	480
tgttgctnct	nctntngggg	aattttcaac	ctgaggntnt	gaaataatgg	ncaaactcac	540
cancatggct	tganggcnta	cacactggnt	gtnaaacaac	taattgactg	ngatacagaa	600
ggntncnntg	ncnacttctg	naggatagat	ctnagaattn	ttnagctgta	ggctacntna	660
gaaatcggta	caccctccat	cganaggcca	tgatgtcnat	ngtacacaac	tnaccatnnc	720
ttcatgta						728

<210> 5085

<211> 870

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(870)

<223> n = A,T,C or G

<400> 5085

gagaagngna	ntnncggana	gnnnnagtnn	gccagttcca	aaccnggaaa	cgccttcgcn	60
aagnnggngg	gnnggnacnn	gnaaggcgca	nccggnnac	cnanccgngg	ncccnaggac	120
caggncgcga	cccnncangc	gncnantgga	ccccaaggag	ctcnanngcn	gcnnacancn	180
annaccgggn	ncacannggt	agcaagaaga	ggggancgnc	aagcagngga	aagcagcngg	240
cgaacancaa	nccgangnan	nannanacag	gaacacccga	naaggaagcg	gacctatanc	300
cnangcccac	aaganaaaga	caccangnnc	catgcttacc	anagggagcg	aagcnaaatn	360
gacanccnac	ngcanngaac	ctgnacacgc	ggatggacac	ccngcgcgng	nngngaatag	420
acggacggac	agncaactan	gcccaaaang	canngccaan	ggngngnccg	ccaacngggg	480
acagtgaaca	agngcnattg	nggngngngcn	ggannacacc	ancatcnnaa	nggcannagn	540
aagcaccgnc	nagnncngga	cannanagcc	ctgcnangng	ancnccnaac	cangaacana	600
nnanggnacn	angaannnnan	caaccnnnnn	ggggaanaaa	acccanccac	gangaacaan	660
ngnaccngg	accgtnggcc	cananaaaac	gngncncnaa	ggncacgant	cncanancgn	720
gggcccnnna	cnaagcncnc	catcnanang	ngnnaagctc	cgnggcgagc	anannggana	780
cnacacccac	gnnnngacac	ggaaaaccac	cgncagaaac	cnnacnggan	cncccanang	840
nggncancna	ancaanagng	ccnncncccc				870

<210> 5086

<211> 870

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(870)

<223> n = A,T,C or G

<400> 5086

gagaagngna	ntnncggana	gnnnnagtnn	gccagttcca	aaccnggaaa	cgccttcgcn	60
aagnnggngg	gnnggnacnn	gnaaggcgca	nccggnnac	cnanccgngg	ncccnaggac	120
caggncgcga	cccnncangc	gncnantgga	ccccaaggag	ctcnanngcn	gcnnacancn	180
annaccgggn	ncacannggt	agcaagaaga	ggggancgnc	aagcagngga	aagcagcngg	240
cgaacancaa	nccgangnan	nannanacag	gaacacccga	naaggaagcg	gacctatanc	300
cnangcccac	aaganaaaga	caccangnnc	catgcttacc	anagggagcg	aagcnaaatn	360
gacanccnac	ngcanngaac	ctgnacacgc	ggatggacac	ccngcgcgng	nngngaatag	420
acggacggac	agncaactan	gcccaaaang	canngccaan	ggngngnccg	ccaacngggg	480
acagtgaaca	agngcnattg	nggngngngcn	ggannacacc	ancatcnnaa	nggcannagn	540
aagcaccgnc	nagnncngga	cannanagcc	ctgcnangng	ancnccnaac	cangaacana	600
nnanggnacn	angaannnnan	caaccnnnnn	ggggaanaaa	acccanccac	gangaacaan	660
ngnaccngg	accgtnggcc	cananaaaac	gngncncnaa	ggncacgant	cncanancgn	720
gggcccnnna	cnaagcncnc	catcnanang	ngnnaagctc	cgnggcgagc	anannggana	780
cnacacccac	gnnnngacac	ggaaaaccac	cgncagaaac	cnnacnggan	cncccanang	840
nggncancna	ancaanagng	ccnncncccc				870

<210> 5087
 <211> 759
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(759)
 <223> n = A,T,C or G

<400> 5087
 agagnnntnn ntntttgaat cctaattggct ggctacttgt tctttntnca ggatcccatg 60
 cgattcgaat tcggcagcga ggggcgncgc atcttgtggn tcantnncta tgccctnctcc 120
 cntgaccacc cgacagacgt ggactacang gtcattgntca cngntancca attctacacc 180
 angctgatng gctttgacaa nntccnctn tancagttgt ncaaattccac tatnnnngcn 240
 aactcgaggg tcangccnaa cngtaacnat ggccagttag ggnacctacg caactgnact 300
 ccganngttg tatggagaaa ctggttagacn tcaaagactg cctntccgct tngtggtnc 360
 ngcnacagag gangangtcc tacgtgnntg aggggtncnnc cnttgggggtt atnnnancgn 420
 antaggntta ncncgtggacn ganctggagg cgcatgacan cacatgatgc tttntgaggg 480
 cctgaagatn atcngtancn acangtgtcc ngtgangccc tgtgantnca ttatcatgta 540
 gatttaggtg gangaatgnc ctgggacana tgtttgtaca tagngggccac ctatganttn 600
 acagantatc tcataactna tcagattgct tnacngtctg ggnancnaac tcaactcattg 660
 gnaantctt gcattgctatn cccaatgggt ggatngcctt nantctaaan ataangntgn 720
 tttttatcaa nngggcanan aaaccgtntt annngggtt 759

<210> 5088
 <211> 738
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(738)
 <223> n = A,T,C or G

<400> 5088
 gaattgctct gtgtttttgc aggateccatc gattcggnag tgngnagagg cnccacacnt 60
 ntngataaaa tgcactnnan nctnccngcc ttgaanttcn nnaggggtca nnnctnctac 120
 tcacnggnag gngngccnaa aganantgt gggtnctgnt ggatnaannn gtnattgacn 180
 gccctggntc ggntcaaaac ncnnccctag tentcangct ncagggttag gnacnacng 240
 aatntacntc tcctntgnga ggnatcntac tattncgtna tggnnancnt aatgctccac 300
 annaangtgc ngtnactca cgctgctacg actctcgaga cnnttcntag aagatcattg 360
 tentctntac cncnntngga acttnaacta tgtattgana naaccttgag gatgctatgt 420
 ggccacagat tccttattca atggaaaacy nccnctaca ttatgcangg gnnnctttct 480
 gaatcgtgtn gcacntcnt catggggctc naatnngccg cttnaancnc aaatattggg 540
 cgcttgacn gctttgacan tgtgtaant ctngntgtgc nangctatac ttggacccat 600
 ttgccctgta tgngcccttn gcaatggntt cntttcnaag tataactacn ancttncaaa 660
 tggnaaggt cctgatnnnt nccattttgc naacgtgctc atttnaanac tgactgnaan 720
 cgtttttgac aaaanaat 738

<210> 5089
 <211> 856
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(856)
 <223> n = A,T,C or G

<400> 5089

gngnagnnnn	nnnnnnngnn	nngnnnnnnn	nnngnnngtt	tntnatanca	ngctcttgtt	60
ctttttgcag	ggatcccatc	gattcgaant	canctcganc	atggannncc	tcnccctcagc	120
antcnnatgn	gcnnccctngg	cnagntcacn	nttgctgctt	nagnnnttnc	tgtcnntncn	180
aattntgnaa	ngnctttaat	gtgnnannaa	tcaggaaaat	gctncntnca	annctttagn	240
nttnnaaccn	tccatattct	taacatntgn	gacatnccat	gggatgcnat	taatattcaa	300
ggnttttatn	cggtactnaa	aaatanacac	ttctaccngt	caangttcng	aaanancgat	360
catncgcntg	aancatngna	tgtnnatanc	aacctntgaa	nagntnctca	tttncacctg	420
aaatcatggc	actnatagca	acctttntan	aaggctataa	aaanggactt	gaatgtncna	480
attgcccaag	aagagcgcta	cccttcggga	aggggaancc	tgaatgttgc	aaccactggg	540
gataataant	acccttattg	tcaagaaaat	ggcattgggg	ggcacattca	tntgaatttn	600
ggacctggng	actccttacc	gaaattccca	nccaggttcc	acnaatggna	atttgaagnc	660
ccgtttgnct	nttcngggac	cagtggggaa	aagcaattaa	aaggccaaaa	tccttccnaa	720
acctttntca	agggttttna	gnaaagtncc	cacatggttt	nnnaaaggct	ttaaggactt	780
gcnnrtggga	aangggnaaa	aaccntttaa	attgtaaggc	ccaanggatt	ccggaatacc	840
gccngtacaa	taaaaa					856

<210> 5090

<211> 721

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(721)

<223> n = A,T,C or G

<400> 5090

ggnttttnnat	cagctcttgt	tctttttgca	ggatcccatc	gattngaatt	cggcacgaga	60
gaaaatcagg	gatgtattag	gaaagtaaca	gtctctcatc	agaagccct	ggctcaggna	120
tatgaatata	agtactgtgg	agaggcccta	tggatgccat	gaatgtggaa	aaacttttgg	180
tcgacgcttt	tccctggtgt	tacaccagag	gactcatact	ggacagaaac	catatgcatg	240
taaggaatgt	ggcaaaacct	ttagccagat	tncaaacctt	gtgaaacacc	aatgatnca	300
tactggaaaag	anaccccatg	agtgtgacga	ctgcattcag	acnttcagtt	ncctttcatg	360
gnttantgaa	cncnanta	cgcnactgn	ggngaancct	tangnatgta	ctgagtgnng	420
aaaggccttt	anccgagcct	acaacctcac	tnggcntcag	anaanncaca	tntgagggaa	480
acactatnta	tgtanganat	gnggnnnnnc	ntttannact	ggctnagaac	tcnntngccn	540
cnaattaca	catactgaag	nnanaccttn	nngatnca	gnatgtgnga	aaggcattnt	600
gccgtttctt	gcaccttact	ccnangtc	ancntncc	caactcaaaa	ccccntnttg	660
aatggtgcng	aatntagaga	aagncttttc	gnnggaatct	cnttntctnt	nnaaannatt	720
c						721

<210> 5091

<211> 760

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(760)

<223> n = A,T,C or G

<400> 5091

gagnttttnn	ccnncn	gaaa	gcccttctga	aatngcttgg	gnaggctcgnn	ctnnncncna	60
ngcagcnana	ngcgtggcg	aattcngcac	gcaggcaana	ctttttcctg	gggcaggggn		120
gtcagcnatt	attnaattgg	attattntca	agttngctan	ntgggncann	tgtgnngagn		180
agggagnntn	cctgccacnt	nttctgntnc	ccncttctg	cccacacatg	cagcatccaa		240
agtcattna	ntnaatgaat	ggacanagt	ccgagcanac	nggggcnaa	ncangnncnc		300
agtcnagca	tccngntcn	taggnaaagt	ggtgaccgnt	cncggnggga	cntgccnaan		360
ccctgnnaca	cagncggna	cnntnnaagg	acnngcann	ctnggatgtg	cctcaggaaa		420
aacagggcna	gccttcnagn	nccgnatacg	agtnncnggc	cttananncn	anaacaangg		480
cnctnacttg	cngcatgctt	cactattctt	tnaggcacat	atatntntc	ttattagntc		540

ctcncatccc	atgagggacn	cagtggctna	tgccctgggaa	ancngncctt	nngnangtca	600
aagngggagg	attgctcnac	ctaggaannc	aagaccacgc	tgggcggnat	antgngaacc	660
cancggtacg	acttgaagaa	aaatatccta	ancncngcct	tactaacttt	agnngncnca	720
attacgtaag	anccanacgg	atcagtttca	aatnagggnn			760

<210> 5092
 <211> 766
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(766)
 <223> n = A,T,C or G

<400> 5092						
nnnnnnnnntt	nnnnnnnnnn	tnnttttnan	nnnnnnnttt	naataattgc	tattgttctt	60
tttgaggat	cccatcgatt	cgaattcggc	acgagccag	ccccaccca	gccccaaagg	120
aggctgttcg	agagggacgt	cctccggagc	caacccacgc	caaacggaag	aggcgctcta	180
gcagttccag	ttccagctcc	tcctcttcat	cttctctctc	ctcctctctc	tcctcttctt	240
cctctctctc	ttctcttctt	tcttcttctt	cctcatcttc	ctcctctctg	tcgtcttctt	300
ccccttcccc	tgctaagcct	ggccctcagg	ccttgcccaa	acctgcaagc	ccaagaagc	360
cacccctcgg	cgagcggagg	tcccgcagcc	cccggaagcc	aatagactcc	ctcagggact	420
ctcggtccct	cagctactcg	cctgtggagc	gtcgccgctc	ctcgccccag	ccctcaccac	480
gggaccagca	gagcagcagc	agtgagcggg	gttcccggag	aggccagcgt	ggggacagcc	540
gttcccagc	cacaagcgca	ggagggagac	acctagccct	cggccatgag	acaccgntcc	600
tccaggtctt	cataaattgt	ctttggggga	ttccaccaca	cccaatgctc	tggagccaca	660
aggagtgtnc	cttnttccca	cagaccgtgg	ganggtcctt	gctgctttct	ttgaacttgg	720
cagccttggg	tgganggtct	ctttncctcc	cttttttttt	ttttgt		766

<210> 5093
 <211> 851
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(851)
 <223> n = A,T,C or G

<400> 5093						
gagaagannn	nnnnnnnagaa	agnnnnnnnn	naggnaggtt	ctaaatnctt	ggctatcgan	60
ctctnagcag	gagcccatcg	attcgaattc	ggcacgaggc	gggcgctagg	cgcgcgaccc	120
cagcactnng	tcccagncca	nanatctggg	gcagcgcgcg	gtggaagctg	cgngcngann	180
ggancanttc	tggtcacga	ccttgacgct	agcgcgntta	tcangnggaa	accncgnnnc	240
cacnnnaaca	aaaagntggc	tggatgtggt	gnncncata	cctggaatcc	cagcnnctnt	300
agcggcnnaa	gcatacagaat	cacntgaacc	canaacacag	gncgcnctga	nccaagattg	360
tgcccttgca	ttctagcctg	ggtgacagtg	anacnggctc	aaaaagataa	aggtgtacag	420
ggantgtata	ttcagacaac	ntggatgga	agatgtgcta	cnnctantgn	nccangctga	480
tactaagtna	acactcnnta	cnatanagan	ggagatntgg	gacncatagg	actgnggnca	540
tnntaattan	ttcangantg	ttttccacna	gcnnttaact	ggatttcaca	ttanagaaac	600
ntttncagg	acctnnaac	gggtaaattn	ccaacggann	nctccaaatg	taccaatttt	660
antgccccga	atngggaaaa	ttncnacang	ncccttttnc	anggtatgna	canagnactt	720
ttaantnacc	cnccantcaa	cctnnnacca	nttnttttan	tccangncan	nctaccagtt	780
gtncnaccac	aaagnttttn	aagnccatt	nnnttngtn	aatnnnnggg	nnaaacccnn	840
nnacaaattc	n					851

<210> 5094
 <211> 731
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(731)
 <223> n = A,T,C or G

<400> 5094
 ctcttgttct ttttgcagga tcccatcgat tcgaattcgg caccgagattg gattgccaca 60
 cggctcacat tgcattgcaag tttgctgagc tgaaggaaaa gattgatcgc cgttctggta 120
 aaaggctgga agatggccct aaattcttga agtctgggtga tgctgccatt gttgatatgg 180
 ttcttgga gcccattgtg gttgagagct tctcagacta tccacctttg ggtcgctttg 240
 ctgttcgtga tatgagacag acagttgcgg tgggtgtcat caaagcagtg gacaagaagg 300
 ctgctggagc tggcaaggtc accaagtctg cccagaaaagc tcagaaggct aaatgaatat 360
 tatccctaata acctgccacc ccaactcttaa tcagtgggtg aagaacggtc tcagaactgt 420
 ttgtttcaat tggccattta agtttagtag taaaagactg gttaatgata acaatgcac 480
 gtaaaacctt cagaaggaaa ggagaatgtt ttgtggacca ctttggtttt cttttttgcg 540
 tgtggcagtt ttaaagtatt tagtttttaa aatcagctctt tttaatggaa acaacttgac 600
 caaaaatttg tcacagaatt ttgagaccca ttaaaaaagt taaatgagaa aaaaaannnn 660
 nnnnnnnnaa aaaaaactca gcctntaaaa ctntnnngag gcnttttctt anatccccacn 720
 tgataaganc t 731

<210> 5095
 <211> 755
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(755)
 <223> n = A,T,C or G

<400> 5095
 gnntttnnnn nnnnnnnntt taagnaattt gcnactcggt ctttttgcag ggatcccatc 60
 gattcgaatt cggcacgagg attacatagt gacatatatt agcttttcgt ccacatttga 120
 taacattgct aatattttct ttttttttta ctgaactctt tgaattttaa gttttctctc 180
 atttaaatatt attaatataa aacatacctt tactctgttc ccttttagcat ttcaacctga 240
 tgttaaaaga tgtgtatgtg tgatatgtgt gtttgaaatt ttaactttca tcttgagta 300
 tttaattctc tgaagcagtg catgactctt gctcttcagc ctcttgagag tgtccctggg 360
 ttatattcct gatgatacaa accctggaat ttcttgtctg aagtgtnaac actttatttc 420
 caggtcctaa tttgatttga atagtggag ttcagattca atgcattaat gacagattct 480
 atgttgcttc ttcagatttg ccagacagaa aaacctactt atgtgaggaa atcattaggc 540
 tttttgacta tcctctttgt ataatgagac tcttttctca ttagatgagt aaaaagatcc 600
 agagatgatc accagtatcc cccagaattc atatatattt aattgaaaag aaacaaatnc 660
 tgggattctt tncataaaan ggtggattac atttcttgnc tgnntgnaca tctttgnnta 720
 acngaaagaa aaataaaaat attnattttc cacc 755

<210> 5096
 <211> 777
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(777)
 <223> n = A,T,C or G

<400> 5096
 gnnnnnnnnnc tttnaaatcg cttggcgttt tgcaggatcc ctcgattcga attcggcacg 60
 agagcgggnt ttntnntggn tgccnctcat ttgtngnann nantngactt natatntnng 120
 atgatnnann nangtangnt atgaggnatn cacatnnnat tnangntgna nnatattcna 180
 aggnannann tncncagacn ntggntgggn acntntcana tngtttagac tnnngcaaag 240

gnnangtnac	aacggatnng	accncaccta	nactgagann	acctggancc	tcagnatcna	300
tcnggnaatc	gctcacnnag	tatacttnca	ncagnanntn	taaccttaga	tactcgatct	360
taaacttggn	tatccantnt	aaaaacngtc	ntttcngacg	gntgtntnnc	atcaancagn	420
nnatctnnaa	atctgnncan	aggancgntt	ttaaactcat	nnctggaatc	ctcagatnna	480
ggacccatnc	angnaggmnt	gancntgnnt	gccctgtng	cacgnanttc	canntgngtn	540
aactctcaca	atgngtttna	agaacncnaa	aggetggccc	ntgntcntat	gagtgattct	600
ccctncttat	ctngggngnc	ncnattnaat	ctttggaaac	cnaannttcn	ntaatggtn	660
cccactgggt	nggaaccaat	tngaactgca	ccttcngtn	cctttantng	nggcaaacca	720
aancatncnt	tancattcca	tttgaccctn	nttttttacn	ttaanacnan	ccttgac	777

<210> 5097

<211> 761

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(761)

<223> n = A,T,C or G

<400> 5097

aggmntnnnt	ttgmnntaa	tggttggtta	cttggtcttt	ttgcaggacc	catcgattcg	60
antgangctc	nagcaggccn	catgagatcn	cctgctnggn	ncnttgmnnt	ctnatggcca	120
ctgntatcnn	agccttggn	tgaaggtgca	ngctcacgcg	ncggagggtcc	nttgagaccc	180
agnctgcttc	natancagtc	cggtcncctca	nancctccac	tggtanacnn	ncatgtagn	240
actgntgcag	ctgactgcng	nancnncntn	tgtggncaca	ntaagattcg	ccgngccttg	300
cntgannann	tactnntnat	atcnatgant	gctgntctgan	nagaactngc	nnntcnatgn	360
ggactgtctt	cagnacccta	tatggcntcc	ntggntctgt	tnccgnggac	natttngcga	420
cngtnaatgt	gccncattgt	gctctnatgc	cattcnatac	tagattccac	agaaggagac	480
cntgcatnt	gcttaaatan	tgctgntgaa	nagctnntac	cgaatcnna	nagttcataa	540
aacgcctcct	naggcagant	ctgtnatcnt	cngtagcatc	ccnaatanga	tcgatatgct	600
aacntacaac	tgatgncctg	ngantaatca	anntcttnat	ttantatcaa	tgaaatgctg	660
ctcctggaac	ttaacctgga	atggtgcagc	tncaagcttn	gtcngcgctt	cncancttgg	720
tncccgattt	ccnggccact	tannccnttt	gaaantcccc	t		761

<210> 5098

<211> 761

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(761)

<223> n = A,T,C or G

<400> 5098

aggmntnnnt	ttgmnntaa	tggttggtta	cttggtcttt	ttgcaggacc	catcgattcg	60
antgangctc	nagcaggccn	catgagatcn	cctgctnggn	ncnttgmnnt	ctnatggcca	120
ctgntatcnn	agccttggn	tgaaggtgca	ngctcacgcg	ncggagggtcc	nttgagaccc	180
agnctgcttc	natancagtc	cggtcncctca	nancctccac	tggtanacnn	ncatgtagn	240
actgntgcag	ctgactgcng	nancnncntn	tgtggncaca	ntaagattcg	ccgngccttg	300
cntgannann	tactnntnat	atcnatgant	gctgntctgan	nagaactngc	nnntcnatgn	360
ggactgtctt	cagnacccta	tatggcntcc	ntggntctgt	tnccgnggac	natttngcga	420
cngtnaatgt	gccncattgt	gctctnatgc	cattcnatac	tagattccac	agaaggagac	480
cntgcatnt	gcttaaatan	tgctgntgaa	nagctnntac	cgaatcnna	nagttcataa	540
aacgcctcct	naggcagant	ctgtnatcnt	cngtagcatc	ccnaatanga	tcgatatgct	600
aacntacaac	tgatgncctg	ngantaatca	anntcttnat	ttantatcaa	tgaaatgctg	660
ctcctggaac	ttaacctgga	atggtgcagc	tncaagcttn	gtcngcgctt	cncancttgg	720
tncccgattt	ccnggccact	tannccnttt	gaaantcccc	t		761

<210> 5099

<211> 781
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(781)
 <223> n = A,T,C or G

```

<400> 5099
gngntgnnnn nttnnringnn agnnnnnnnn ngnnngcttt ttagatcagc tcttggtctt    60
tttgcaggat cccatcgatt cgaattcggc acgaggaaat gacaagatcc cacaaaagtg    120
ctgcagatga ttacaataga attgggtctt cattatatgc tttaggaact caggattcta    180
cagatatatg caagtttttt ctcaaagttt cagaactggt cgataaaaca agaaaaatag    240
aagcacgagt gtctgctgat gaagacctca aactttctga tcttttaaaa tattacttaa    300
gagaatctca agctgctaag gatctcctgt atcgaaggtc tanggtcact agtggattat    360
gaaaatgcta ataagcactg gataaagcan gagcanaaaa tcaagatggt ctacaggccg    420
aacttcccaa caattatggt gtcagaaatt tgaaaaaata tctgagtctg caaaacaaga    480
acttatagat tttaagacaa gaagagttgc tgcattcaga aaaaattagt ggaactggca    540
gagttagaac tgaagcatgc aaagggtaat ctacagttgc tgcagaactg cctggcagtg    600
ttaaatggag acacattaag ccaacacttc gnttttctgg ttaaaaangg ctggcctttc    660
cttcaaattt tatttttggn tttcttaaat ggatgggttaa gccttttatg cctcactggg    720
aaaccaaaccc aaaaagccac ttggaaaaag gtgccntnaa cttcctcttt tttctggaag    780
a                                                                    781
  
```

<210> 5100
 <211> 797
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(797)
 <223> n = A,T,C or G

```

<400> 5100
ttacnatnan tgtgcttgan ggcttggncc naaananatt ggctntggcg aattcggcac    60
gaggtgagaa ggtaggtcc ggctcagact gaataagaag agataaaatt tgccttaaaa    120
cttacctggc agtggctttg ctgcacggtc tgaaaccacc tgttcccacc ctcttgaccg    180
aaatttcctt gtgacacaga gaagggcaaa ggtctgagcc cagagttgac ggagggagta    240
tttcaggggt cacttcaggg gctcccaaag cgacaagatc gttagggaga gagggcccagg    300
gtggggactg ggaatttaag gagagctggg aacggatccc ttaggttcag gaagcttctg    360
tgcaagctgc gaggatggct tgggccgaag ggttgctctg cccgccgcgc tagctgtgag    420
ctgagcaaaag ccctgggctc acagcacccc aaaagcctgt ggcttcagtc ctgctgtgc    480
accacacatt caaaaggatc gttttgtttt gtttttaaaag aaaggtgaga ttggcttggt    540
tcttcatgag cacatttgat atagctcttt ttctgttttt ccttgctcat ttcgttttgg    600
ggaagaaatc tgtactgtat tgggattgta nagaacatct ctgcactcaa gacagtttac    660
anaaatnaat gttttttttg ctttttcaaa aacaaaaann tcntaaaaaa cctcgagccc    720
ttttanaacn tattantgag tccgtattta ccttanaatc cagaccctga ttangatcca    780
tttgntnaag nnttgct                                                                    797
  
```

<210> 5101
 <211> 752
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(752)
 <223> n = A,T,C or G


```

<400> 5101
gnnnttnaan ngctggctct tgttcttttt gcaggatccc atcgattcgc gaaggggaag      60
aacagatcct ctgaaatttc aaatngaaag aaaagatatg ttagaaagga gaaaagtact      120
ccacattcca gagttctatg ttggaagtat tcttcgtgtt actacagctg acccatatgc      180
cagtggaaaa atcagccagt ttctggggat ttgcattcag agatcaggaa gaggacttgg      240
agctactttc atccttagga atgttatcga aggacaaggt gtcgagattt gctttgaact      300
ttataatcct cgggtccagg agattcaggt ggtcaaatta gagaaacggc tggatgatag      360
cttgctatac ttacgagatg cccttcctga atatagcact ttgatgtga atatgaagcc      420
agtagtacia gagcctaacc aaaaagtcc tgttaatgag ctgaaagtaa aaatgaagcc      480
taagccctgg tctaaacgct gggaacgtcc aaattttaat attaaaggaa tcagatttga      540
tctttgntta actgaacagc aaatgaaaga agctcagaag tggaaacagc catggcttga      600
atttgatatg atgagggaat atgatcttca aaaattgaag ctgcaatatg gaaggaaatt      660
gaaaccgtca aaaangtctt gattcttgag aatgaatttg ggtagttgca gaagatccat      720
tggctcttaa gangatatat tttgagancc at                                     752

```

<210> 5102

<211> 742

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(742)

<223> n = A,T,C or G

```

<400> 5102
agagnnnnnn ttttatctct aatgctggct acttgttctt tttgcangat cccatcgatt      60
cgaattcggc acgaggttgc ctgcggcgtc cacttccttg gccgcccttg ctacactggc      120
tgattgttgt gcagccggcg ccatgtctgt gagcgagatc ttcgtggagc tgcagggctt      180
tttggtgcc gagcaggaca tccgagagga aatcagaaaa gttgtacaga gtttagaaca      240
aacagctcga gagattttta ctctactgca aggggtccat cagggtgctg ggtttcagga      300
cattccaaag aggtgtttga aagctcgaga acatttttgt acagtaaaaa cacatctaac      360
atctttgaag accaaatttc ctgctgaaca gtattacaga tttcatgagc actggagggtt      420
tgtgttgacg cgcttggctt tcttggcagc atttgttgtg tatttggaac cagaaacact      480
agtgactcga gaagcagtta cagaaattct tggcattgac cagatcggga gaaaggattt      540
catctggatg tagaagatta tctctcagga gttctaattc ttgccagtga actgtcgagg      600
ctgtctgtca acagcgtgac tgctggagac tactcccgac ccttcacatc tncaccttca      660
tcaatgagct ggattccngg tttcgccctc tcaactgnaa aatgactccc tgaggaaccg      720
ctacgaacga ttgaaattga cn                                           742

```

<210> 5103

<211> 1245

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1245)

<223> n = A,T,C or G

```

<400> 5103
gcntnccttt gcatacctaa nagctggtng ttcttttttg aggatcccat cgattcgcctc      60
tgtgattcag agcccttagt tgagagcccc tgccgccctt gccaccccc tgccccgcctc      120
ccaccattgc ccctcctcag ctgtgcaagg agaaagcatg cttaggaagt tttcagggtcc      180
ttgtgataaa acctccttaa atctgttcag accaagcaat gcgagcttcc tctcctgtcc      240
catgttgga gttgctctga aggggtggta gatgctggaa gccagacaca accctgcgta      300
cgctgctcag ttggtggaga ctggggctgg gactggagtc agcccagctg ggaggagggg      360
ctggggagga tctgnannng cangccnann nnatcntntg cntntccctc nctccnctct      420
tnntttatct antccttnnc cctctnnatc ttnnatnnnt nnactccctt nnactcnttc      480
nnccantctn tatctccnca tnntccttct ctctannnta nnntcacnct cnanctctct      540
tnactntcn atcacnntca ccttctcntc tctannctc atcnactcn tntnnncna      600

```

tecnctcncc	ccttnaccnn	ntnacttana	cctcccnatc	tctnnatntt	canctntnta	660
tctacactct	ctntccntct	catctacann	tnnatatcnc	nnccatnana	cactcctntc	720
tctcacnctc	ncncannttc	actcttactn	ntactnnntn	nctnanacta	cncacacttn	780
tctattntct	tntctnnaact	tntctatncta	ctctcctnct	cttatcntcc	tctcncnna	840
ttntctacttc	tcatctccac	tntcncanct	ncctcntctt	cntctntanc	ctctccnct	900
ancattcttc	tttcatttnn	acnccntcat	cnnttanccn	ctatctnttc	tntctnccnc	960
tctnncncc	cncactctcn	ccatcncenn	ncnctntcna	canntctct	cctcccntac	1020
ctccacnnc	tctccnccct	ctcatatact	cttctcanat	atctcttnnn	atnctncacc	1080
tcncacnana	cntcaatncn	ncttacctta	nnccntnnan	ccatnctnac	cctctctact	1140
cttnnacnta	ttctcncatt	ctnccttcac	ttatctntat	tntctctntn	tcnccntant	1200
ctcncncttt	ctcatctccc	tnnctcacat	cactctacnt	nctct		1245

<210> 5104

<211> 1701

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1701)

<223> n = A,T,C or G

<400> 5104

cnggnnacct	tctaattgtt	cttctntggcg	gncttnaaaa	attgngcttg	tngggccncc	60
tttaaacnnc	ntgaaattat	ggcggncttt	gggggggatg	anattatggn	gtncntttgg	120
ggggctnann	ttnatggctc	cccntnnnnn	actcnatgnt	ctntcctaen	atntcnnntg	180
ntnctccttt	cgngcnttta	tctnntgtca	ntntcntnnt	cncctcttnn	ctcatccant	240
ntnttacatc	tctctgncg	angenctcan	nnannncng	cnnccnnaca	tatacctntc	300
tttcnncctc	atnnacntat	acnnntctcn	ctcncctan	acctcttttn	anctactent	360
nttatccnct	ctcctactct	ctccgtcncn	ngttcncann	tatcatatac	ccnctgcta	420
tcgtccctct	tcanntctct	genaccctct	ctnacctntc	tccctnccnt	ngcctanttc	480
atcatnctat	ccntctnnnc	atcccacna	cantctctacc	actcccanca	cccccttcc	540
antctccntc	ctntcnaatc	tnnnnmttn	atatctnant	cnentctccn	cctatentct	600
ttctctntc	ncntnccac	cncccnctn	atntcncnt	cnnccntnnt	cngntnccna	660
cccccttnat	ccctacacac	ctctnncnnc	acntctcgnn	ttctctctnt	cntctntaac	720
atccactnca	nctatctttn	atctannctc	tanctcanc	ncctnnccat	actatccata	780
ncanantnn	ttcaanntct	ccnaccnctc	ctcnncactc	tnntatctct	ctnngnntc	840
tnccntctc	tnctactcta	nattcttata	ctntttcnta	ctacctntcc	nctctatnac	900
tnnnctactc	acnnntnctn	atctctctct	cctcntanac	tcnctcactc	cttatanatc	960
ttcnatncta	tcacactann	ctncnccnt	cntactnata	tcttnntntt	ntctctcaca	1020
ctntacatca	ctncccantc	atcnntctcc	tcantacnnc	cnnccctct	ctacatatat	1080
attccntctc	tctcctcntn	cntctctntc	tctctntct	ntcatnanac	ancactnact	1140
ctncatctnt	ctctctatnn	ntntccntca	ctcacattct	ntncacncc	anttnccnt	1200
cncgctatct	ctannctctn	acntctctct	actnctntnt	ctcncatccc	actctatnat	1260
acntcncncc	tatttnccnt	actctctcta	catacnnctc	tctncttctc	cactctctct	1320
ctctctctcn	aanttnccnc	tctnctnttn	ntcatntctc	cncctcaacct	ntatcncctn	1380
anacnnccta	nnctagtctc	tctntannca	ttctctntatc	cnnntctnat	ntcacacanc	1440
nnataactnt	ctncatcact	cctcactctc	tnatntctct	ctctcntnta	tactctctct	1500
acntntcnnt	ntcatccana	cacattnttc	atnctatatn	ntccnccncc	tctcctctct	1560
ctntncatac	atctacnca	ctatcctntc	cactctctcn	tctcatnctc	ncncatctnt	1620
ctacnnatcn	ctctctntta	ncnatnctnn	ctctncacat	atctcactct	cactcatctn	1680
tctnnctcnc	ncntctccc	t				1701

<210> 5105

<211> 756

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(756)

<223> n = A,T,C or G

<400> 5105

agagnnnnnn	nnntnttctt	tgcttantgg	cttgggctcc	tngttctttn	tccagggnagc	60
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tnccagaaac	ccttcaagaa	aaagcgaagg	nnnttctcag	agctgaagat	caagcgcctg	180
agaaanaagt	ttgcccacaa	gatgcttcta	naggttagga	ggaagcttat	ctatgaaaaa	240
gcanancnct	atcacaaggc	atatnggcng	atntacagaa	ctgnaattcg	aatggcgagg	300
atggcaanaa	aagctggcag	ctcntatgna	cctgcanaac	cnaanttggc	gtttgtcatc	360
agaatcagag	gtatcaatgc	gagtgagccc	aaagggtcga	anggtgttgc	agcttcttcg	420
ccttngtnaa	atcttcaatg	gaacctttgn	nnngctcaac	atggcttnta	ttaacatgct	480
gangattgta	gagccatata	ttgcatnggg	gtaccccaat	ctgaantcag	tncntgaact	540
aatctcaaac	gtggnnatgg	caaattcaat	annaagccga	attgcttnnn	cagataacgc	600
tttgatngct	cnatctcttg	gtcaatacgg	catcatntgc	atgggangatn	tggttcatga	660
aaactatact	ggtgnnaaac	gcttcaaaga	ngccaattac	ttcctgtggn	ccctcaaatt	720
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<210> 5106

<211> 748

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(748)

<223> n = A,T,C or G

<400> 5106

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catggaanga	tagctncaact	ncttnccgac	cttggtcaca	ggccgncatg	agganggact	180
gttccantgc	tncnngggcc	nctgnctnct	tnctcatcac	tggnccttagc	tttggagtac	240
ncaactccaa	gtggcccag	tctagactct	atcaaattnc	acactgatag	caacaatgan	300
tgcatctgat	gtgtgtgct	ggcnatctta	agcccaaaat	gcttcaaaga	tnaaacagnc	360
atatacattn	aagatacata	tanaaatngt	nnaattngaa	tgtatacaan	ntagattacc	420
ctaacgaact	tactacaag	aaatncatct	tatatccnng	cacnnaaatg	tgganntnta	480
catgaaagga	tataccggtt	nanaaaccac	atnccatntc	taaatgctga	ntgagaaggc	540
ntggactact	aaacctggat	tactgatnaa	atttcaaaan	gancttgatt	ttgctagcag	600
aaatcnttac	ccngttctcn	agcttctata	ancagttctt	gaagggatta	nacagctggt	660
cctctntcca	aattctggat	taatttcagc	tgtgtatttc	cnannnaatc	tttcagcctc	720
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<210> 5107

<211> 674

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(674)

<223> n = A,T,C or G

<400> 5107

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gaaactgctc	tttgtgttcc	cttcaatgag	gaaacaacat	gtgtctactt	atgtggcatc	180
caactgcttg	gagctccaca	cttcctttc	gcgactcagg	ctctggtgct	gttgccaaat	240
ccttgcttgg	caaagactgt	tcgatcatgt	ggggtcctta	tttacaaggg	aaagctgggc	300
cagaaggcta	gcaattcagg	tgttaccgct	attgctgtac	ccttggttag	gacattgtgt	360
ttgtgcatgg	actgtgcctc	caaactcagt	agttccgta	ctaaatataa	agtantgtta	420
gaaacctgaa	agtacagaat	ctcaacctta	cnagtctttc	ccttagtcct	gtggccttcc	480

taagccagct	gttaaccgtg	ttgattcctt	ccacttcccc	caaagtaagg	caggcaacag	540
atatgttgat	tgtcttagaa	agtaatctgg	ttcctctgaa	ctccattgaa	ttccagtttg	600
acgcatactg	cctggaacca	gactgtttgc	ttacagcttt	ttaaagaaaa	atctgncttg	660
gtcctgnccc	cant					674

<210> 5108
 <211> 589
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(589)
 <223> n = A,T,C or G

<400> 5108						
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aactcaagaa	aagcccaaca	ctactgttca	agttccagcc	tttcttcaag	agctggtaka	180
tcgggataat	tccaaatttg	aggagtgggtg	tattgaaatg	gctgagatgc	gtacaaagat	240
gtggataaag	gaaaagcaaa	acacgaagag	gttaaggagc	tgtaccaaag	gttacctgct	300
ggagctggtc	tgtaagatat	tctgggacag	cactgttgcc	attaagtgcc	ttgttttttt	360
atgttcacaa	atgtatatga	agaaactttc	tcaaacttac	tctttctaata	aaccactaa	420
agccagctta	aacactctaa	aagtactttg	taaaccaaca	ataacttgat	gtgtagcatt	480
ccatattatt	tccattacgt	tgtactccta	aaatggggag	ctgttaatna	attataacct	540
ttagggtcag	cactctgcat	ccctggagta	ttgttggtnt	ttatatattt		589

<210> 5109
 <211> 660
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(660)
 <223> n = A,T,C or G

<400> 5109						
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tccaatagct	cccagtgcga	ygrgkaccca	gtacgcatta	gctgggtgttg	ggttgattga	120
gacctggggc	agttcctggg	gcaagaascc	agatgggaga	tgagatagaa	agtgttagga	180
gttatcctct	ttgcttgccc	tttgagaata	acttactgtg	tgactttggg	caagttcctt	240
ccccactctg	ggcctcagtt	tctcacttgg	gaaagcaagg	agtttgacca	gatgatcaca	300
atgggccttc	ctagctctgg	ccaccaagaa	tttgtgaaca	ttagagctcc	tggctctggtg	360
ggtagagcca	gagctgctga	ctgggtctctc	tgccctccaga	ggggatttat	tggaacctcag	420
aggtggcagg	gccctatgga	gcaccaactg	ccctcaaccc	caccctgtgc	ccaagactgg	480
gaagggattg	atgtcaggct	gtggccatag	gtagcatgag	ttgcccagg	agggacagag	540
catatctttg	ctgaggcttg	gctgaggggc	ttatgatagg	gcttgagta	cctcacagcc	600
ccctgtgggc	acagncaccc	tgaggtttac	ccaggcaaata	atattgatta	gcaggaaaaa	660

<210> 5110
 <211> 615
 <212> DNA
 <213> Homo sapiens

<400> 5110						
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cctactgact	cataakkcac	gwkgtcccaa	aagccacccc	acaagcctga	gccaacctgc	120
tgctgacgc	cacagtcatt	ggcagaggtc	tgggcattat	taatyataa	aaatccatgc	180
tttacacctg	gacagtasac	agggacttca	gagattgcac	gttkgaatac	attctcccaa	240
gactgaggtt	gttcggtttt	aattcctgta	gtccaatcac	acaatttctt	atggaaaacc	300

ttttgtgttt	ctgggtattta	ataacttgaa	gggtagca	aatatactgt	gtattcagag	360
ggcctctctg	cagctgctag	ctcagacacc	aaaggggtaa	ggcccaggac	attcatatct	420
ttaaaagctg	caaacctggg	aacctttaaa	cttttaaaac	aaatgtcata	tggggtaaca	480
ctgacctttt	ataatttgat	gtctcaaagt	tagagattat	ctaaaaatcg	taacttgaat	540
accttgtaat	ttttctctta	aaaaagaaga	cttggtgaag	tctctgcac	aacgccaata	600
aacatgttgc	ttaat					615

<210> 5111

<211> 937

<212> DNA

<213> Homo sapiens

<400> 5111

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ggccggcctc	tatcattttc	tgactcagca	gctccaccaa	aattgacatc	ctagcaaaca	120
ctgtgaagga	attaacctaa	gtsyttccag	agcatctcat	gtaacctcta	tggagtaagt	180
cactttttct	gtaacatgtg	gcttttgacc	ttgatgaaga	ctttgacttc	tcatccctgt	240
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ccttcaagag	ggaaacaagt	tcagtgttat	catcgtggca	ttcgtagatt	tttttttttt	360
aaatcacktg	tttagataca	actttatttt	tttataccta	catagcacat	gactgggggg	420
ataaagcatg	tataagttgg	gagagggtaa	agaatgtgtg	actatgtata	cagaaaatag	480
actaaaatgt	gcagcaaaat	gatataact	gtaatctggt	ttttgaagta	tctactattc	540
tggaatattg	ttaaacaact	ttttgctttt	gaaaaaaaa	aggtgccttg	attcagttgc	600
gtgacttaga	acattcatcc	tattttattg	tgatttttaa	tgtcttctga	ccccaaactg	660
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atcaccccaa	atttccatgg	ccccacagt	caagacctgc	cattcgtttt	ctcttgacag	840
ttggagtaaa	tttgactttt	gaatcatgtg	ggctcatttg	ggaccttggt	cttttctatt	900
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<210> 5112

<211> 653

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(653)

<223> n = A,T,C or G

<400> 5112

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ccaggaactg	tcttggcaga	taagacagac	tgtgmaaggt	catcgtcaty	ggcatgggaa	180
gggcattaat	taccaaagt	gagacasagt	cactgtctcc	aagagcattt	ggaatcactt	240
cacagagttc	tcaaggaggg	gaaggctatc	tgctagctcc	tggcgggact	gctgccccat	300
atactgtgat	gaattgcttc	acatatctga	gttctgatgg	gaaggagtcc	aagtgcggta	360
gctgtagaga	acgctgggga	agcccagttc	tatgtagctc	acgtatgaaa	ggaatattca	420
tgaagagnaa	aacagaggca	ttatttgaga	ttaactgcct	gagaaaccta	gtctaattcc	480
aagtgtctag	aaaatgttga	ctacttgcca	tgtgcccagt	aagggtgctg	gagctttata	540
tgnatcctct	catttaaccc	tgtgacatag	ttatgctggt	anaccttgct	gcgttcgtgt	600
acnttgaatg	aagttgaagc	ttaanggaag	gttaaaacnc	caaccnaac	tga	653

<210> 5113

<211> 559

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(559)

<223> n = A,T,C or G

<400> 5113

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tatckrgcgt	cagtawctac	caggcaatga	acaaggggtg	gcatgcagcg	gctctgaccc	180
cagttggaag	tgtatctgta	ctttgtccgg	cttccactca	aggaccattt	atgacattgc	240
ttggtgtcag	ctgacagggg	ctctggccac	agcttgtggg	gatgacgcga	tccgctgtkt	300
tcaggaggat	cccaactcgg	atccacagca	gccacacctc	tccctganag	cccacttgca	360
tcaggcccat	tcccaggatg	tcaactgtgt	ggcctggaac	cccaaggagc	cagggctact	420
ggcctcctgc	agtgatgatg	gggaggtggc	cttctggaag	tatcagcggc	ctgaaggctt	480
cttgaagctn	acctcgactt	ttggacagag	taatggactc	cccagaaaac	gttcatataa	540
gaattttacc	agncccttg					559

<210> 5114

<211> 554

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(554)

<223> n = A,T,C or G

<400> 5114

gaagagcttc	tgcaggggct	gagcagaccc	cagggcctct	tagccaatcc	ccgggcctgg	60
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ggcaatcttt	taggtctctc	gggaaggccc	cagcctccct	ccccactgaa	gaaaagaagt	180
tggttaaccac	agagcaaagt	ccctggggcc	tgggaaaagc	ctcatcacgg	gcagggctct	240
ggccmwtagt	ggctggacag	acactggcac	agtcttgctg	gtctgctggg	agcacacaga	300
cattggcaca	gacttgctgg	tctcttgga	gagggcaaga	ccccaaacca	gagcaaaata	360
cacttccagc	tcttaaccag	gtccttcca	gtcacaagt	tgcagaatca	gaacagaagt	420
agtaccaatt	caatgttcac	atgaacaaac	aagctgcccc	caggggtacc	attttgggga	480
gggggaatct	ttttttttct	tttccccttt	aaaaaaaaac	acntttgncc	cgaacatttt	540
cccattttnt	tttt					554

<210> 5115

<211> 477

<212> DNA

<213> Homo sapiens

<400> 5115

gctagactca	agctgtctgg	agagtgtgaa	acaaaagtgt	gtgaagagtt	gtaactgtgt	60
gactgagctt	gatggccaag	ttgaaaatct	tcatttggat	ctgtgctgcc	ttgctggtaa	120
ccagggaagac	cttagtaagg	actctctagg	tcttaccaaa	tcaagcaaaa	ttgaaggagc	180
tggtaccagt	atctcagagc	ctccgtctcc	tatcagtcgg	tatgcttcag	aaagctgtgg	240
aacgctacct	cttcccttga	gaccttgtgg	agaagggtct	gaaatggtag	gcaaagagaa	300
tagttcccca	gagaataaaa	actggttgtt	gccatggcag	ccaaacggaa	ggctgagaat	360
ccatctccac	gaagtccgtc	atcccagaca	cccaattcca	ggagacagag	cggaaagaca	420
ttgccaagcc	cgctgcagtc	tgcaaaggtc	ttcacaaatc	agaatcaact	ggtaatt	477

<210> 5116

<211> 957

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(957)

<223> n = A,T,C or G

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<400> 5116
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aatgcatatt tgggcattag aagggtctgtc gcacttagta gcagcatcat ttacagagga 120
tagatttgga gttgtccaga cgacactacc agctatcctt aatactttgt tgacactgca 180
agaggcagtc gacaagtact ttaagcttcc tcatgcttcc agtaaaccac cccggatttc 240
aggaagcctt gtggacactt catataaaac attaagattt gcattcagag catcactgaa 300
aactgccatc tatcgaataa ctactacatt tggatgaacat ctgaatgctg tgcaagcatc 360
tgcagaacat cagaaaagac ttcaacagtt cttggagttc aaagaatagt taagtaatat 420
aaactgtgtt cattacactg ctgatacaac tacagatggg acagtaaag ttcagcattc 480
ttggatcaga agaaaacgga ctaattagat gcttcctttg tcgtgggtgg ttgctttgaaa 540
actatacttt aatgggagaa atcatggaaa gaaattctca acagaataac tgaaaactgc 600
cttttctgta ccgattgctt tttgtgtgtg tggatataata aaatctttat tcaattttac 660
agaagcattg atggcagtc gaaatgtctc tagctcatat aacttaatag taataactaa 720
aaaactttta gaatttactt ttgaaaggag ggaagccagt tctgaaatga gtatagggtg 780
atttcatagt ccnctaatt aagagtttag ctcnttggta aactccaaat acataaactt 840
tttaagtggg gttccattta ctggaaggat taaaatgggt acagtgccag ccatattcnc 900
caaaaatatt gtctaccggc ntattttggt aancggttag gttgggggtt tggttcc 957

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<210> 5117

<211> 534

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(534)

<223> n = A,T,C or G

<400> 5117

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gcttcttcac ccagacacca aggtatgaga tggccctgcc aagtgttcgg cctctcctgt 180
taaacaaaaa cattctaaaa gccattgttc ttgcttcag gacaagaggg agccrgagag 240
agtgccaggg tgccctggtc tgagctggca tccccatgct ttctgtgtcc gagggcagca 300
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ctgctctcct tggcagctnt ggccatgaca accccagaga agcagcttca gggaccgagt 420
cagattctgt tttgtctaca tgccctgtcc ggggtgccgt attgaggcac ccagggagct 480
gttactggcg tggaaatagg tgatgctgct acctctgctg ctgcactcac agcc 534

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<210> 5118

<211> 300

<212> DNA

<213> Homo sapiens

<400> 5118

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caytygkcag gggmsagggg acagcaaggt gggaggttga agagctttga ggctcagcag 60
catgtttgtg gcattcgggtg gacaccatgg ccttggggcg ctggacaggt ttttgtgatg 120
tgarggacay gcatggggca catggttaagc ttggcaaggg ctccaggaa gctgacgaag 180
ggtttttaga cccccacccc catgcctgta ccagggctgg cctccagagc gggtgaggac 240
agagcagctg tgggcttttc attctgaggt cttggccccc ctggccaccg caagggactc 300

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<210> 5119

<211> 598

<212> DNA

<213> Homo sapiens

<400> 5119

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tttcagcttt cgttaccagc aggagctgga ggaggaaatc aaggaattat atgagaactt 60
ctgcaagcac aatggtagca agaacgtctt cagcaccttc cgaaccctcg cagtgtgttt 120
cacgggcatt gtagctttgt acatagcctc aggcctcact ggcttcata gttctgaggt 180
tgtagccccg ttgttcaact gtatggttgg actactgtta atagcactcc tcacctgggg 240

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ctacatcagg	tattctgggc	aatatcgtga	gctgggcgga	gctattgatt	ttggtgccgc	300
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tgcagttggt	ggaagacccat	ccatggataa	aaaagctcaa	tagcatctta	acgtgaagat	420
caaacaagaa	cacaacaagc	ccctactgat	ttctgggttt	ctgccacggc	cacaggttca	480
tatccagagg	aatggcagat	ctgagacgat	ccaggaagag	ctaaaacatg	gccctgtaat	540
aaatgagcag	acctctcctg	tggtttcaaa	ttattaaaca	cacttccatt	tctcttgg	598

<210> 5120

<211> 1416

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1416)

<223> n = A,T,C or G

<400> 5120

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caccattggg	aacaacactt	gctgtgcagg	ctgttccaac	agcacactct	attgtacaag	180
ccacaaggac	ttctttaccc	acagwgggcc	catcaggact	ctatagtcca	tcaactaatc	240
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gtggtgtcat	tgatctcaca	atggatgatg	aagagagtgg	agcttcacaa	gacccccaaa	480
aactaaatca	cactcctgta	tcaaccatga	gttcttctca	gcctgtgtca	cgaccattgc	540
aaccataaca	accagcaccg	cctcttcaac	catctggggg	gccaaacaagt	ggaccatctc	600
agaccaccat	acacttacta	cctacagctc	caactaccgt	gaatgtaaca	catcgtccag	660
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caccgaccac	cacaagtgc	tactgagccc	ccacgccccg	tgacccagc	acccttacca	960
gaagctccac	aaccacagcg	tctgccccca	gaagctgsca	gcacatctyt	gcctcagaag	1020
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gtcctggagg	tggtatcgaag	ctgtgccact	gttgatagct	accatctcta	tgcttaccat	1140
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cagtacgagc	caaggatatt	tatggacgtt	ttgggtgctt	ctgtgatcct	cagtcaacag	1320
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<210> 5121

<211> 300

<212> DNA

<213> Homo sapiens

<400> 5121

gctgcacatg	caatgaggat	gccaccctac	gctgcgctgg	ctgcgatggg	gacctcttct	60
gtgcccgtg	cttccgggtg	gtgcaggtgg	aatgttctgt	gagagagctc	aagggtgcc	120
tggtccctg	acttgatccc	ctttgttcca	cagagagggc	catgatgcct	ttgagcttaa	180
agagcaccag	acatctgcct	actctctccc	acgtgcaggc	caagagcact	gaagacaccc	240
tggtcctccc	ggaagggcag	ttccacaggc	agcggcaccc	atttctgggc	cccgccacag	300

<210> 5122

<211> 300

<212> DNA

<213> Homo sapiens

<400> 5122

gtccttgtcc	agcctccaag	accacacaagt	cccttctct	gggaagcccc	cctggcctgg	60
aggtgcacca	ggaagaagt	gtctggggct	ggcactaagc	catggcccag	ggaagactgg	120
gggacccact	aggccaggat	gagacctgca	cgcagtggct	cacagcagca	cgatttgtga	180
cagcccagg	cggagaacac	cgaacaccca	gtgaaggtga	ggggatcagc	acggcgcggc	240
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<210> 5123

<211> 634

<212> DNA

<213> Homo sapiens

<400> 5123

caagagagag	tgatagaatt	ggcagtga	tatacgaacc	accctcctgc	cctctggggt	60
cacaatacgt	gtacacttga	ctgtgaagt	gctgtgagag	tgggtggaga	gttcttcttt	120
gaccctcagc	ctgcggatgc	ctctagaaac	ctcgtgttga	ttgcaggagg	agtcggaatt	180
aaccctctgc	tttccatcct	gcggcacgca	gcagcatctc	ctcagagagc	aggcaacaa	240
aagaaatgga	tatgagatag	gaacaataaa	actattctac	agtgcacaaa	ataccagcga	300
actcctggtt	aagaaaaata	tccttgattt	agtaaataaa	tttcctgaga	agattgcatg	360
cagtttgc	gttacaaaac	agactacaca	aatcaatgcg	gaactcaagc	catacatcac	420
ggaaggaaga	ataacggaga	aggagataag	agatcatatt	tcaaaagaga	ctttgttcta	480
tatttgtggc	ccacctcaa	tgacagactt	tttctccaag	caactggaaa	acaaccatgt	540
acccaaagaa	cacatttgct	ttgagaagt	gtggtaggag	gcagacaaag	gcagaaaaaa	600
taaagaggtg	agatctactc	aggaaaaaaa	aaaa			634

<210> 5124

<211> 672

<212> DNA

<213> Homo sapiens

<400> 5124

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aatgcccctt	gctgctaaca	tagatgaaat	tgtattttaca	tcaacaggag	acatctccat	120
ttactatgat	gagaaaggaa	ggaagtttgt	taacatcctg	atgtgctttt	ggtatctaac	180
cagtgccamc	atcccagtg	aaactttaag	aggagccrgt	gtattccagg	ttaagttggg	240
gaatcagaat	gtggaacta	aacaacttct	tagtgcaagc	tatgagtttc	agagggagtt	300
cacacaagga	gtaaagcctg	actggaccat	tgacggatt	gaacactcaa	aattattaga	360
ataattttct	tggaaaaatc	agcttatgga	cttttagcagt	tgctgtgaaa	aactaaggaa	420
gaaaaatttt	gggtcattt	gatcttcact	taatctaagt	ctgtgaatta	cttttatatt	480
attttgaat	actccttgca	gtatattggc	atgatacagt	aaaagcattt	tccacagatt	540
gttatcacct	tctttaaaag	aagtcaaaat	ttaaaaata	caatagcacg	ttgttggtgt	600
catattcaat	aacatttcca	atgctacata	taattttata	gacataataa	agaaggtatt	660
gaaaaaacta	aa					672

<210> 5125

<211> 738

<212> DNA

<213> Homo sapiens

<400> 5125

catttgtaaa	gctgcaggga	aagaggttcc	acttcccagc	aaccccatcc	taatggctta	60
tggcagtatc	tcaccttcag	cttatgtatt	agagattttt	aaagggatca	agtcgagtga	120
gctggaagaa	tctctacatt	gtgctgcctt	tctcttatgt	cccagacatt	cttaaaactc	180
ttaacgaatt	cattcagctg	ggctctgatg	ttgaacttat	atgccggtgc	ctcttcttcc	240
tccttaggat	tcacttttga	cagatcacta	gcaatcaaat	gcttgtgcca	gtgatagaaa	300
aattaaggga	aacaaytatt	tcaaaagtca	gccaaagtcc	ggatgttatt	ggcttcaata	360
tggctggtct	tgattatctc	aagagggaat	gcgaggcaaa	aagtgaagtt	atgttttttg	420
ctgatgctac	tagccacttg	gaagagaaga	agagggaagag	gaaaaagagg	gagaagttga	480
ttctaacggt	gacttagaac	tgaaatgtgg	tatctttttt	tttttcaaca	tttttccttt	540
aaaggactcc	taaaactaagc	acagaagagt	tggcgctcatc	ttaaaaatac	caagtaacag	600
aagatcgcat	tgcagatgat	atcaggatgt	ggtttccagc	tttgccctgag	ggaattccaa	660
catgagatta	tgggctggct	ccatttcttg	gacttaaaat	gcattattag	tttaaaaatc	720

tttctgtgct ctcaaagc

738

<210> 5126

<211> 1203

<212> DNA

<213> Homo sapiens

<400> 5126

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tctcggcagg	ggccgaccgg	gcaacttccc	cccttggtgc	cctctaccct	gctttggagt	120
gccggggcct	cattcagcag	atgtccccct	ctgcctttgg	tctgaatgac	tgggatgatg	180
atgagatcct	agcttcggtg	ctggcagtg	cccaacagga	atacctagac	agtatgaaga	240
aaaacaaagt	gcacagagac	ccgccccag	acaagagttg	atggagaccc	agggattgga	300
caccatctcc	caacccccag	gactcgggca	aggggtgccga	agatagacaa	gaggcacaca	360
gagacagacc	aactggcagc	caggcagccc	cagaggagag	agacattcag	acagaggaaa	420
gtctccctgc	ccctcattcc	ttccaagatg	agaaaaactt	gccgccaccc	cccgaactg	480
atggcaggga	ggtgggagga	agaagtggga	aatttcctt	cccagtacc	ccaagaacgt	540
ctgagccttc	aatgttgaat	tttttcttta	ttaaaattac	ttttatctta	taaaatcaac	600
taatcaaaaa	tgatatagac	gacagcactg	gctctgtgaa	ggtggcatct	ttctgggcag	660
gcaggccatg	gggcatggag	gaggggtgca	agatatgggt	tgctgtcttc	tggcctccag	720
ctgcatggag	gccggcccag	ggtctagggt	gtgcactggg	caagggcagg	gcggcagggtg	780
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ctagcttctt	tggaatcttg	gggtgggggt	catctttggg	gattatggct	gccacccggg	900
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ttgacaagat	ccgccatctg	taatgtcctt	ggcacaataa	aaccaaagt	cagtttccct	1020
gagccccgac	tctgttctgt	gtggggcagg	ggttgggcgg	gcctctgggc	agaggatgca	1080
atggcacgga	ccttggtctg	acctcagagg	tgtgaatgct	ctccagcagg	gtctgtctgg	1140
gggcctggag	tttgtatttg	atgtgctgct	tattaaacct	ccttctggac	ctattgccac	1200
tgg						1203

<210> 5127

<211> 669

<212> DNA

<213> Homo sapiens

<400> 5127

aattactgga	acccgggagg	cggaggctgc	acagtgaacc	aagattgcac	caactgcactc	60
caggctgggc	aacagagtgt	gactccgtct	caaaaaaaca	aaaacaaaaa	saacttcksc	120
ctmckmsrca	gactcctccc	ctggtcacca	ctagtgatcc	accttatgga	tctcccaagg	180
ccacctctgc	ctctgctctg	tggtgtatta	tttgggggac	ctgtgggtctg	gcatgcattg	240
tactttggtks	cccaaagggc	tgtggcatct	gataagtgat	ttatcctcag	gcacagattt	300
gcactatgtc	accactttac	ttgtatgtag	aagtgaagtca	ccggctggca	aatgggcata	360
gctgctgggc	agtggatgca	gtccatgca	tgttattctc	atgtgatata	ggatctcatt	420
ggcttctcac	agcaatcctg	tgactatag	gtattgtctc	cgggaacaga	tgaggaaaca	480
ggagagtgcg	agattacagt	aattttgtaa	atgggaggat	ttgtgaaggt	ttcagacata	540
cacctctctt	catatgtcaa	ggatatgaag	tctaataaat	cccctaaagc	agcaggggtt	600
ggcaagcttg	tgccctgggg	ccaaatcagc	ctactgcctg	tttttgtaaa	ttaaagtttta	660
ttggaacac						669

<210> 5128

<211> 476

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(476)

<223> n = A,T,C or G

<400> 5128

ggtgccatgg	agttcaccat	ctgcaagtca	gatatcgtca	caagagatga	gttcctcaga	60
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aggcagaaga	cggagaccat	catctactcc	cgagagaaga	acccaacgc	gttcgaatgc	120
atcgccctg	ccaacattga	agctgtggcc	gccagaaca	agcactgcct	gctggaggct	180
gggatcggt	gcacaagaga	cttgatcaag	tccaacatct	accccatcgt	gctcttcac	240
cgggtgtgtg	agaagaacat	caagaggttc	agaaagctgc	tgccccggcc	tgagacggag	300
gaggagttcc	tgcgctgtg	ccggctgaag	gagaaggagc	tgagggccct	gccgtgcctg	360
tacgcsacgg	tggaacctga	catgtggggc	agcgtagagg	agctgctccg	cgtnntataa	420
ggacaagatc	ggtgagnagc	agcgcaagac	catctnggta	gacgaggacc	agcttt	476

<210> 5129
 <211> 340
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(340)
 <223> n = A,T,C or G

<400> 5129	
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atgatcctgg	ggaaaaagca
rtrcamwarc	ymkagactrk
tggaatgcg	aagtagttgc
aattatgctg	ttatgtaaat
cttaatatat	aggattatng
aaanaatat	ttgtggtata
	60
atgatcctgg	ggaaaaagca
rtrcamwarc	ymkagactrk
tggaatgcg	aagtagttgc
aattatgctg	ttatgtaaat
cttaatatat	aggattatng
aaanaatat	ttgtggtata
	120
atgatcctgg	ggaaaaagca
rtrcamwarc	ymkagactrk
tggaatgcg	aagtagttgc
aattatgctg	ttatgtaaat
cttaatatat	aggattatng
aaanaatat	ttgtggtata
	180
atgatcctgg	ggaaaaagca
rtrcamwarc	ymkagactrk
tggaatgcg	aagtagttgc
aattatgctg	ttatgtaaat
cttaatatat	aggattatng
aaanaatat	ttgtggtata
	240
atgatcctgg	ggaaaaagca
rtrcamwarc	ymkagactrk
tggaatgcg	aagtagttgc
aattatgctg	ttatgtaaat
cttaatatat	aggattatng
aaanaatat	ttgtggtata
	300
atgatcctgg	ggaaaaagca
rtrcamwarc	ymkagactrk
tggaatgcg	aagtagttgc
aattatgctg	ttatgtaaat
cttaatatat	aggattatng
aaanaatat	ttgtggtata
	340

<210> 5130
 <211> 610
 <212> DNA
 <213> Homo sapiens

<400> 5130	
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tagtttatgg	cagggaagat
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gggtcataga	ctcttggaag
tcacaggtga	gaaaaccaag
ytcttgagg	aattgggtta
gtagtgaaag	ccagtggatc
agtaagccaa	tttaatgtag
ctaccaagta	aaaatgaacc
ttgggaggcc	aagggtgggag
atagcaagac	
	60
gttaacttct	ctgagagagt
tagtttatgg	cagggaagat
gaacaaaata	gaggtcacag
gggtcataga	ctcttggaag
tcacaggtga	gaaaaccaag
ytcttgagg	aattgggtta
gtagtgaaag	ccagtggatc
agtaagccaa	tttaatgtag
ctaccaagta	aaaatgaacc
ttgggaggcc	aagggtgggag
atagcaagac	
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gttaacttct	ctgagagagt
tagtttatgg	cagggaagat
gaacaaaata	gaggtcacag
gggtcataga	ctcttggaag
tcacaggtga	gaaaaccaag
ytcttgagg	aattgggtta
gtagtgaaag	ccagtggatc
agtaagccaa	tttaatgtag
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tagtttatgg	cagggaagat
gaacaaaata	gaggtcacag
gggtcataga	ctcttggaag
tcacaggtga	gaaaaccaag
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gaacaaaata	gaggtcacag
gggtcataga	ctcttggaag
tcacaggtga	gaaaaccaag
ytcttgagg	aattgggtta
gtagtgaaag	ccagtggatc
agtaagccaa	tttaatgtag
ctaccaagta	aaaatgaacc
ttgggaggcc	aagggtgggag
atagcaagac	
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gttaacttct	ctgagagagt
tagtttatgg	cagggaagat
gaacaaaata	gaggtcacag
gggtcataga	ctcttggaag
tcacaggtga	gaaaaccaag
ytcttgagg	aattgggtta
gtagtgaaag	ccagtggatc
agtaagccaa	tttaatgtag
ctaccaagta	aaaatgaacc
ttgggaggcc	aagggtgggag
atagcaagac	
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tagtttatgg	cagggaagat
gaacaaaata	gaggtcacag
gggtcataga	ctcttggaag
tcacaggtga	gaaaaccaag
ytcttgagg	aattgggtta
gtagtgaaag	ccagtggatc
agtaagccaa	tttaatgtag
ctaccaagta	aaaatgaacc
ttgggaggcc	aagggtgggag
atagcaagac	
	420
gttaacttct	ctgagagagt
tagtttatgg	cagggaagat
gaacaaaata	gaggtcacag
gggtcataga	ctcttggaag
tcacaggtga	gaaaaccaag
ytcttgagg	aattgggtta
gtagtgaaag	ccagtggatc
agtaagccaa	tttaatgtag
ctaccaagta	aaaatgaacc
ttgggaggcc	aagggtgggag
atagcaagac	
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gttaacttct	ctgagagagt
tagtttatgg	cagggaagat
gaacaaaata	gaggtcacag
gggtcataga	ctcttggaag
tcacaggtga	gaaaaccaag
ytcttgagg	aattgggtta
gtagtgaaag	ccagtggatc
agtaagccaa	tttaatgtag
ctaccaagta	aaaatgaacc
ttgggaggcc	aagggtgggag
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tcacaggtga	gaaaaccaag
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agtaagccaa	tttaatgtag
ctaccaagta	aaaatgaacc
ttgggaggcc	aagggtgggag
atagcaagac	
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gttaacttct	ctgagagagt
tagtttatgg	cagggaagat
gaacaaaata	gaggtcacag
gggtcataga	ctcttggaag
tcacaggtga	gaaaaccaag
ytcttgagg	aattgggtta
gtagtgaaag	ccagtggatc
agtaagccaa	tttaatgtag
ctaccaagta	aaaatgaacc
ttgggaggcc	aagggtgggag
atagcaagac	
	610

<210> 5131
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 5131	
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atcattgtgg	agctaaacta
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aatggcagct	gcaagcactg
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	60
ctgtgaagta	tatgtaacat
atcattgtgg	agctaaacta
aagagtgttg	acaatcagaa
aatggcagct	gcaagcactg
ccaggggtggg	tagctgctgc
	120
ctgtgaagta	tatgtaacat
atcattgtgg	agctaaacta
aagagtgttg	acaatcagaa
aatggcagct	gcaagcactg
ccaggggtggg	tagctgctgc
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atcattgtgg	agctaaacta
aagagtgttg	acaatcagaa
aatggcagct	gcaagcactg
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aagagtgttg	acaatcagaa
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<210> 5132
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 5132
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tttaaataccc tgggcagcac cgcagggaca gatattaccg tcaacagtgt gattctactt 120
cctaaaaacc ctgagcactt tgtggtgtgc aacagatcaa acacgggtgg catcatgaac 180
atgcaggggc agattgtcag aagcttcagt tctggtaaaa gagaagggtg ggactttgtt 240
tgctgtgccc tctctccccg tggatgaatg atctactgtg taggggagga ctttgtgtct 300

<210> 5133
<211> 757
<212> DNA
<213> Homo sapiens

<400> 5133
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gtttggggcg ggacgggagc cgcctgtgtg actggcgtgg tctggctgct gctcccgaac 180
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cggggcccaa ttacggatcc cgggagttac aggtgccgac gtgatgtcgc ttctctggtg 420
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gcttatgggt gtggtccgtc cagacacctt gtttcaaggg ggatgggctg gagcgggcaa 660
gcagagcatc cccaccgtg agcaagaact ttttcttgtt tttaaaccat cacgtcctca 720
ttcacattg gaataaagtg agtttttgaa acctgcy 757

<210> 5134
<211> 1316
<212> DNA
<213> Homo sapiens

<400> 5134
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tccacaatta aaaaaaaaaa aagaaaaaaaa actcattgar atagctacag ttctataggt 120
taatttaaag cctccttttt ctactcattt ttgaaasca aattacattt tactatttta 180
cataaccagt gaaaagacgt tgaaagccta cagctcactg tttttggtgc tctggaaatg 240
ttgagggtgg gtttttaacc agtgattttt aacgtgcagt gaatttgta gacttttaaa 300
caccagctaa ggtagtcaa cttgatcccc attaaaaatc aaggaattag gggcggggg 360
agggtttagg agtgatccag aatgacctcc cagaattact gtgcgtacaa ctttattttt 420
cagagttttc attggaatgg taagagtttt atgaaagaca gttttaaaac ttattctgag 480
ttaaatatta atacttttaa aaattattgt actagactta tcgcagcctt ttgaaagtag 540
cagagtttca tcataccaca tatataacag agcataaatt ttctataatc aggcaccttt 600
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tctattctct cctctcgatt gtagcatagc ctgacagctc tagatacagc atttctatga 720
tgaaaaatga gtatccatca ggaaatctag aagactagcc gtgttttctc agactccacc 780
tttgtttgca ctctgttgcc tgtgaggagc tttctggcat gtgattattt acttcaaaac 840
tagagttcca agcacctaca ttaattattt tatatttgtg gcagaatagt atatctttta 900
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gtcctatgcc aaatatcttg tataatgttt gtaggaaga ttaaatttta ctcttggtg 1140
gtaagactat ttcaagtact gattttatag ttggaatttg atattccagc acaaagtcga 1200
cagtgatttc agaaatccaa gttggtgtca tacatttcat tttgatgtga acttttcttt 1260
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<210> 5135
<211> 377
<212> DNA
<213> Homo sapiens

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<400> 5135
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attgtaaatt cttacgtaca gcatcacaaa agacaaggaa tmctgtcata tccttttagc      120
aaaatgakat tgcctaggtt cttgttgcaa aataccacat aatgaaatcc ttctgttgc      180
atgattaact gggtgagaat atcatcttcc cttttgggcc gtagaaatgt attattcact      240
actccattct tgaggtttgt tttttaattt ttttgagac agtctcactc tgttgcccag      300
tctggagtgc agtgggtgcg tctcagacgt ctcactgcaa cctctgtctc ccaggctcaa      360
gtgattctcg tgcctca

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<210> 5136
<211> 550
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(550)
<223> n = A,T,C or G

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<400> 5136
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actcagtagc taccagatt. gtaatgggtg gcgttactgg ctggtgtgca ggatttctgt      120
tccagaaagt tggaaaactt gcagcaactg magtaggtgg tggctttctt cttcttcaga      180
ttgctagtca tagtggctat gtgcagattg actggaagag agttgaaaaa gatgtaaata      240
aagcaaaaag acagattaag aaacgagcga acaaagcagc acctgaaatc aacaatttaa      300
ttgaagaagc aatagaattt atcaagcaga acattgtgat atccagtggg tttgtgggag      360
gctttttgct cggacctgca tcttaaggnc atgaatattc tcccataacg gattcaacta      420
tgagaagaga agtggcagca ataaggcagt ctctcaaaag tcatactgcc agagtctcta      480
gggcaaggng aaacanctag ctgggcaata ctcaattcac aacttagcat tttgccatct      540
tgaagcttgg

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```

<210> 5137
<211> 447
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(447)
<223> n = A,T,C or G

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<400> 5137
cgccagagca gcagtgggga acatcttctt gtctgctgga cacctgattg ggccggttct      60
ctgccattcc ttctgcaatt acatgggttt cccagctgtt tgcgcggcct tggagcacc      120
acagaggcgg cccctgctgg caggctatgc cctgggtgtg ggactcttcc tgcttctgct      180
ccagcccctc acggacccca agctctacgg cagccttccc ctttgtgtgc ttttgagcgc      240
ggcaggggac tcagaggctc ccctgtgctc ctgacctatg ytcctgggat acgctatgaa      300
ctntgaccng ctccccance ctccccacca aggggttact gcaggggaag ggctaggtgg      360
gggtccccga gatcttaggg aattttttta gggggatttt aagccagagn tagtttgcgt      420
tcccagggac caaggagaaa gaagcat

```

```

<210> 5138
<211> 555
<212> DNA
<213> Homo sapiens

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```

<220>
<221> misc_feature
<222> (1)...(555)
<223> n = A,T,C or G

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<400> 5138							
cgacagctct	ccaataactca	ggttaatgct	gaaaaatcat	ccaagacagt	tattgcaaga		60
gtttaatttt	tgaaaactgg	ctactgctct	gtgtttacag	acgtgtgcag	ttgtaggcag		120
gtagctacag	gacattttta	agggcccagg	atcgtttttt	cccaggtgca	agcagaagag		180
aaaatgttgt	atatgtcttt	taccgggcac	attccccttg	cctaaatata	agggctggag		240
tctgcacggg	acctattaga	gtattttcca	caatgatgat	gatttcagca	gggatgacgt		300
catcatcaca	ttcagggcta	ttttttcccc	cacaaacca	agggcagggg	ccactcttag		360
ctaaatccct	ccccgtgact	gcaatagaac	cctctgggga	gctcaggaaa	gggggtgtgc		420
tgagttctat	aatataagct	gccatatatt	ttgtagacaa	gtatggctcc	tcccatatct		480
ccctcttccc	taggagagga	gtgtgaaagc	aaggagctt	ngataagaca	ccccctcaaa		540
cccatccct	ctcca						555

<210> 5139
 <211> 576
 <212> DNA
 <213> Homo sapiens

<400> 5139							
gctacgtggg	aggctgaggc	rgragaatct	ctksmrckm	rgaggmrgag	gttgcaagtga		60
gccaaagattg	tgccagcctg	ggcgacaggg	tgaggctctt	gtctcaaaaa	aaaaagtcca		120
catcttcatg	aaccctcaga	ctctggagtt	gggtgtcggc	tttttttagcc	agcttttgtk		180
ssrwtrsyk	wkracattt	aaagaaggaa	agtgggtaat	ggagtcccag	ccactcaaga		240
gactggatat	ccccgagaa	tggtctgggt	taccagctat	ggacccttgg	aagatgaatc		300
taatccttct	cactggtttt	tctttgcaa	ttcatttgct	tttatttttc	taataacaat		360
aaactctatt	ttccatgttc	tcagggcccc	tggttagaca	gacacagctt	gatttcagag		420
cagacatagg	cgaagaaaac	atggcattga	gtgtgctgag	tccagacaaa	tgttatttat		480
atacacatcc	aaatttgaag	agaaaatgta	tttcttttagg	tttcaaacac	tgtaatagat		540
ataaagcaaa	aataaaaacc	tgttgcaaag	ttaaaa				576

<210> 5140
 <211> 631
 <212> DNA
 <213> Homo sapiens

<400> 5140							
agtaccaga	gttgcgagga	gttttttaac	tgatttagcc	aggtggcaat	catgagtga		60
tgatgaaga	aaggccctt	agaatggcaa	gattacattt	acaaagaggt	ccgagtga		120
gccmgtkmgr	agawtgagta	taargsatgg	gttttaacta	cagaccaggt	ctctgccaat		180
attgtccttg	tgaacttcct	tgaagatggc	agcatgtctg	tgaccggaat	tatgggacat		240
gctgtgcaga	ctgttgaaac	tatgaatgaa	ggggaccata	gagtgaagga	gaagctgatg		300
catttgttca	cgtctggaga	ctgcaaagca	tacagcccag	aggatctgga	agagagaaa		360
aacagcctaa	agaaatggct	tgagaagaac	cacatcccca	tactgaaca	gggagacgct		420
ccaaggactc	tctgtgtggc	tggtgtcctg	actatagacc	caccatattg	tccagaaaat		480
tgacgcagct	ctaagagat	tattctgtcg	cgtgttcagg	atcttattga	aggacatctt		540
acagcttccc	aatgagaggc	caggaagtgt	gaacatactg	atagaaaaag	actatatttt		600
atccctcata	aatgtttta	aawrtaaaa	t				631

<210> 5141
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 5141							
aagtatatat	gactccactc	aggggtgtaa	aagcaaccca	agcatcaaag	tctactcagc		60
taaaactata	cagaggacag	agaaaagtga	cagtttcagc	taggacgaac	aggaggtgtc		120
agactgctga	agccgactct	gaaagtgatc	atgaagtcc	agaaccagaa	tcagaaatga		180
agatgagact	accaagacga	gccaaaaccg	cagcactaga	aaaaagtacc	acttaccctt		240
gcccaatttc	tcaatgaaga	tctaagttag	gaaagacgat	ggaggtggaa	tcctttaaga		300

<210> 5142
 <211> 699

<212> DNA
 <213> Homo sapiens

<400> 5142

gtttcactgt	gcggtgcagt	gcggcggcag	ctcgtgagga	ggacccgtac	atkgacacca	60
ccctgaaggc	ttgccacct	gtcagtatgg	atgtctgtgc	tttaagaata	cagcttttca	120
taggcttgaa	agccatctgt	cactttaaaa	accacatcat	acttttgact	aaagcagaac	180
cctgaagcca	ttccagagag	aagacagtca	cccaagaggc	ttctttcgag	waarsatmcc	240
mktgyymmar	kcaaaatwcc	tgccwgtwkc	tgagrmtgag	ktgkaaytkg	tatattktgw	300
rtaykatcty	wccagtgcag	ctgtacaaaag	agatggtaga	ctatagcaat	acctataaga	360
ctgtcaaaac	ccagagctgc	attcaccttc	tcagtggagg	tcacatgtta	gtgcgagctg	420
scctgatgga	tgccagtccg	ctggaacctg	gagagaaggc	agagcttttg	gaagcattta	480
aggaaagctg	tgggcacctt	ggggactgtt	acagcaggct	tgactcccag	cattctcatc	540
tcaccttgcc	atactataag	atgtctgggt	tgtctatggc	tgaagttctg	gcccgcacgg	600
actggacagt	agaggatgga	ttacagaaat	acgagagagg	attaaatctt	ttacattaaa	660
tccattccac	tttatggaaa	acctgggatg	taaggaatt			699

<210> 5143

<211> 423

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(423)

<223> n = A,T,C or G

<400> 5143

caggtagtgg	ccctgttaag	cagggccaga	gtcgggacaa	agagcaggag	tgaagcagcc	60
aagagacaga	ggaccaggct	ggagccagtg	ggcacgcagg	agcctgcctg	ggaagaagcc	120
ggggggcaag	gctggcatgg	gaatgaacac	ctgctgggtg	cacctctctg	agcttcagtt	180
cccttaacta	gaaaaataga	acaggcccgg	tgcggtggct	catacctgta	atcccagcac	240
tttagrkatg	rytgmrrcrr	ktrswtcwts	agrtcaggms	wtccwwracc	ayymwrrccg	300
acattggggg	attagcaatg	ttttgttact	tgggcatttt	caagaggcag	acatagtcca	360
gaagcagaag	nttgggcagg	tcccagatct	tgttctatag	ccctttatcc	tgaagctcgt	420
gcc						423

<210> 5144

<211> 366

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(366)

<223> n = A,T,C or G

<400> 5144

gctccttctt	actctagtat	ctctgccttt	ggtcagtcag	agagcatttg	atgagtacca	60
tgctggggctg	gaccccatcc	tggtgcccct	ggaagataga	gacaggtcac	cttgatccct	120
gcctgtagca	tttgggctgg	ctgagatggg	ggargtgtga	acagaatatt	ccagtccagt	180
gtcctctgtg	gtagggatgg	ggatggaccc	sggagaggcc	ctcctgttcc	tggcaggagg	240
tgggactcag	agttaaaagt	gaggtcaagr	cccagtgcga	tggctcacam	ctgcagtcct	300
agcacttcgc	gganttnagg	tggtacacca	gaaccngta	gttcaagacc	agccttggan	360
aaanat						366

<210> 5145

<211> 952

<212> DNA

<213> Homo sapiens

```

<400> 5145
ggttctacca gtgcctacac caagagtggc tactgtgtca acaggttttc ttcacttctg      60
ccaggaggca acaggcgaaa ctcaacagca aaagactaca ccattctaga ttgcatttac      120
aatgaggtaa accagacctt ctacgttctg gatgtgatgt gctggcgggg acaccctttt      180
tatgattgcc agactgattt ccgattctac tggatgcatt caaagttacc agaagaagaa      240
ggactgggag agaaaaacaa gcttaatcct tttaaatttg tggggctaaa gaacttcctt      300
tgactccccg aaagcctgtg tgatgtgcta tctatggatt tcccttttga ggtagatgga      360
cttctcttct accacaaaca gaccactac agccccgaa gcactccctt ggtgggctgg      420
ctgcgcccta catggtgtca gatgtccttg gtgtagctgt gccggctggc cgctgaccac      480
caagccagac tatgctgggc accactccag cagattatgg agcacaagaa gagccagaag      540
gaaggcatga aggagaaact cacacacaag gcctctgaga atgggcacta tgaattggag      600
cacctgtcta ctcccaagtt gaagggttct tcccatagcc cagaccaccc tggatgcctc      660
atggagaatt aaagagagaa gmctccttaa ggagccacag gatggtacct ggccccaaaa      720
ggaatcctgg agaggaggac agtgacaaca ggtgacttya ttcttttagag tgaactttcc      780
aaaccagtc cagctggaaa cagcttatct ataactctga atgctggctc aaacagttat      840
ggggagggtc ccagattgcg tagcattcag attgatttga gcagctccta ctgtgataag      900
tgtatcccag atccacaatg taaatatatg tgatttgtaa gaaaaaaaaa aa      952

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<210> 5146

<211> 431

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (431)

<223> n = A,T,C or G

```

<400> 5146
gcaccagcag gtagtggccc ctgtaagcag ggccagagtc gggacaaaga gcaggagtga      60
agcagccaag agacagagga ccaggctgga gccagtgggc acgcaggagc ctgcctggga      120
agaagccggg gggcaaggct ggcattggaa tgaacacctg ctggtgacac ctctctgagc      180
ttcagttccc ttaactagaa aaatagaaca ggcccgggtg ggtggctcat acctgtaatc      240
ccagcacttt agrkatgryt gmrrcrrktr swtcwtsagr tcaggmswte mwkaccacem      300
tkraaacgcg attgggggat tagcaatgtt ttgttacttg ggcattttca agaggcagac      360
atagtccaga agcagaagnt tgggcaggtc ccagatcttg ttctatagcc ctttatcctg      420
aagctcgtgc c

```

<210> 5147

<211> 1101

<212> DNA

<213> Homo sapiens

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<400> 5147
tgaaaagggt aaacctgttt cacctcccaa atttatatat tcaaaagtatt tacttaaaat      60
tcagaagcca gaagttcatg tcatgattac caggaagttc aggccagaat gaatccctag      120
agaagccagg ccaagcctgg ataattgcag ctggatgacc ctggcccgaa agtcacagtt      180
maktckgmmk kakkcctagt tcaggcttac tatctagaac ctcatgctag cttaggttgc      240
atgtttacat tgctgcagtg tctttacttg aagcttagtt ggatcgaaat ggacaccgag      300
atggagatgc ttctggctac atttcgcaga accccaggag acctgcattt agaccactct      360
gtccatttgt gtgcccaccc ccacccccag ggtctaagtg tagactccaa gaggagcagc      420
ccagagcttg gaggagaggt gtgtctgggg saccactggg ggggtggtgct gctcttcttt      480
ttgtttagtg taatgcggtg tcttttaagt gactctcagg cctcccagac agccttgctt      540
ctttaaggca gaagctcttc ttcatgtgtg accycctggg attcatgagg tgtgagattt      600
ggcctgcttg actttgaatt caagtttttc aagtgactct cagtgtcaga agaagatttc      660
atgctgtcca catgtggtat gtccacagct caccttcaaa ggcttagatg tagccatcac      720
agagagtggg attttattaa gaacccaagt cccagcctga ccaacatggw gaaaccccat      780
ctctactaaa aatamaaaat tagccgggcg tattggcgtg cgcctgtaat cccagctact      840
caagaggctg aggcaggaga atcgctgaa cccagaggcg gaggtttagt tgagccgaaa      900
tcacaccatt gcactccagc ttgggcaaca atagcgaacc tccatctcaa attaaaaaaa      960
aatgcctac acgctcttta aaatgcaagg ctttctctta aattagccta actgaactgc      1020

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gttggggagc tgtttcaact ttggaatata tgtttgccaa tctccttggt ttctaataa 1080
 taaatgtttt tatatacttt t 1101

<210> 5148
 <211> 515
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(515)
 <223> n = A,T,C or G

<400> 5148
 ggaagaggga cgccgagaag aaggacctgc ctgtcaccaa aaacacgctc aagtgcactt 60
 tccggtccct ccaggtcagc aggtgcccc gcagcggcga ggctgcagcc acgcccacca 120
 tgtccatgac cgtggtcacc aaggagaaga acaagaaggt gatgtttctg cccaagaaag 180
 cgaaggacaa ggacgtggag tctaagagcc agtgcattga gggcatcagc cggctcatct 240
 gcaactgccag gcagcagcag aacatgctgc gggttcctca tcgacggcgt ggagtgcagc 300
 gacgtcaagt tcttcagct ggccgcgcag tggttcctcg cacgtgaagc acttccccat 360
 ctgcatcttc ggacactcca aggccacctt ctaggcccca cccaccaggg gggccacct 420
 ccttgcccca ttgntgtgag ggggccagc ttgcattttc ttgtttaaac attttcagtt 480
 ttaattacag aggacagacg tttnaaaaca caaag 515

<210> 5149
 <211> 710
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(710)
 <223> n = A,T,C or G

<400> 5149
 cagagctgta tcttcagtgg tgtgatgaag ctacagtagg ggagatcact catgctaggt 60
 atggatctcc ttacccttgg cctctgaatc atattttggc ctatcaaaaa cagtgggaag 120
 kcaaacgtaa grtgraagct atkkgatggg gaaagaagac tctggaccag gtcttagagg 180
 atgtagacca gtgctgtcaa gctctctctc aaagactggg aacacaaccg tatttcttca 240
 ataagcagcc tactgaactt gacgcactgg tatttgccca tctatacacc attcttacca 300
 cacaattgac aaatgatgaa ctttctgaga aggtgaaaaa ctatagcaac ctcttgcctt 360
 tctgtaggag aattgaacag cactattttg aagatcgtgg taaaggcagg ctgtcataga 420
 gttatgtggt agtctcagga gtcttaactt ttgaaatatg ttttacttga atgttacatt 480
 agatattggt gtcagaattt taaaaccaa ttactgcttt ttgaaacctc aaattatata 540
 atgtatctta tgtatgtgct ttatatgtt atttgtgtat acattaaaat aattctgaat 600
 tatttaaatc gatatgttgt attctgtatc ttgaaatttt tgtttccttg aaacatgcat 660
 gcatttaaaa ataaagctta aacaactgta tggatgttaa aaaaaaaaaa 710

<210> 5150
 <211> 648
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(648)
 <223> n = A,T,C or G

<400> 5150
 attagtgag atttgtattc taggaagtgt gtgccgtcac ttgttcattt acaactgcaa 60
 agattgtatg tctcctatgt tttcctttca tgccaaagaa actcaccctt tttaaaagcc 120

agcaggttgc	acaaacccaaa	aacaaaatat	tttgcccctt	aaataggcat	tttaagaagt	180
tttatttcct	ggtacttaaa	tattgtgtag	agggaaagct	agttgtaata	atttgtaaaa	240
atgcgtgat	tttttaggaat	gcgctatttc	cagtaaggga	agtattgaca	tttttaagga	300
actgtgctgc	attaaaatcc	acagttgcat	gaaactttta	aaagtttaag	atataaagta	360
attgctaaaa	tttgtgaact	actcagagga	ctcaatgccc	taacatgtag	gggattgatc	420
attgcgatgt	ttaggccagg	atttctcatg	attgtatatg	gttattgatc	atttttaagg	480
ggctgaacct	gctgccttta	tacttttgac	acctccctcc	ctcccncccw	ccaaactgtg	540
gctgtaaaca	gtgactctgc	atagtcagcg	ttatacttga	tttctttgtg	aatgcaaata	600
aaataaaaatt	tgtaagtcca	ccaaatattg	acttaactag	gtaaatgt		648

<210> 5151

<211> 906

<212> DNA

<213> Homo sapiens

<400> 5151

gtactttgag	tgtttggggg	ttcaacacac	acatgcaatt	ttgcttaaca	aaagtatttt	60
ataatacagt	ttcatcacaga	attaccttaa	aagggagctc	tatgttttca	actacagata	120
gttgwaaggg	atcataccag	aagatattga	tgatagtkga	aatattctta	gaaggggtgt	180
gtatgtccta	gcctgtgtct	accatgtgta	tgtattcttg	acaagcagta	taaaaatacct	240
gtgatttttc	tttacattag	ggataatgca	taaggaatta	atcttcatat	atattatcat	300
ccctaattgta	gcagggggaa	gtattttaatt	gcccattgata	tgtattttac	ttatactatg	360
ccrgagrgrga	aactataaag	taattacmca	tgtaatcttg	ggttttttcac	atatgtagggt	420
attcattttg	agtaggttga	agaagaaaaa	aaatatttta	atgaattgaa	ttcctgatgg	480
gatagtatca	ataagtattt	aaaagccagt	attctaaaaa	taataaaggg	taggggtcatt	540
tttgagtttg	tttttctttt	gctattgtta	atattcaaaa	ttaaagtgtt	acattgggtac	600
ctgttgctct	aatgcattta	ttgagaacag	cattgagatg	atgaacaagg	ggttagcaat	660
agcaaaactct	ataattattt	tgactaatta	cttaagagga	aaacagtata	agtatctcat	720
tcagtattta	gcaattctgt	aaaataagta	ttatctctat	ttttcagatg	aggaagtaag	780
ggtttagcaa	ggttaagaga	tctatccaat	ttacacagca	agttagtagt	tgagcctgac	840
catgagtctt	ctgactctgt	tcttttctact	atgcaatagc	caaacaataa	aatgttatac	900
aatgg						906

<210> 5152

<211> 677

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(677)

<223> n = A,T,C or G

<400> 5152

caaagccgtc	ccttcaaata	cgtctttgtg	cccactgcc	tagtcaaccc	cgtgagaagc	60
acagccggcc	ctgggacttt	aggacaaggg	tctcttcgga	aagggcgag	cagcatgaga	120
aagaatggat	ccctgcagag	acccctccag	tccgggatcc	ccactctcgt	ggtagstccc	180
cycaracsca	gccccaccat	ggtccttcgg	cctcagcagt	tccaattcta	ccagccacag	240
gggatcccc	cctccccctc	asccgtgggtg	gtggagatgg	ggccaagcc	tgccctcacg	300
ggggagcccc	ccctcacgtg	catcancagg	ggcagttagg	cccggttcca	ctccgcggcc	360
agctccctca	ttatggaaga	caaagaaatc	cccatcaaga	gtgagcctct	gcaaaaaccg	420
cccgcactcg	cccaccatc	catcctgggtg	aaacagaaaa	ctcaagaaat	ggcatcgaaa	480
gcaagtcaaa	accgtgagat	ttcagaatta	cagccctcct	ccaccaaaca	ttacacctcc	540
atccacctcc	ggaaagcctg	acagcagcac	cctcaaggcg	tccagctgaa	gcagcgtctt	600
gggccagaga	tgacatctat	ttgccaccga	gtgctgcact	cggcaagaga	agactcgaga	660
agtagctctg	caaggca					677

<210> 5153

<211> 301

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(301)
 <223> n = A,T,C or G

<400> 5153
 ggcagtgctg cgcggggctc ccagccctgc tgggaaggac cagggaaacca ctgagcaatt 60
 agaccctctt ggccctgccc ccaccatgca cccagcagcc agggagtgcg gcgkcgagcc 120
 tggcagtgcg tgaacccag gcctycagcc ctccaaagcc tggggccacc ccctgtagca 180
 ggcgatgcta gaataaggag gagagccaga gctgaggctc cttgcccctt ggcccctyca 240
 ggggccatgg gatctctgtc tcccacaccc ctgtcacggn ccgcttggan cancccatag 300
 g 301

<210> 5154
 <211> 427
 <212> DNA
 <213> Homo sapiens

<400> 5154
 gtgatccgca agttgtggaa gaaatacgcc aagcaaataa agtagccaaa gaagctgcta 60
 acagatggac tgataacata ttcgcaataa aatctygsy cramagaaaa tttgggtttg 120
 aagaaaataa aattgataga acttttggaa ttccagaaga ctttgactac atagactaaa 180
 atattccatg gtggtgaagg atgtacaagc ttgtgaatat gtaaatttta aactattatc 240
 taactaagtg tactgaattg tcgtttgcct gtaactgtgt ttatcwtttt attaagtta 300
 aataaagtgt aaaatgcaga tgttcttcac cccttttggg agaacaaaag caggatgata 360
 accatatccc ccagtgctc atcaaagtag gacactaaaa atccatccat ctgagtcaaa 420
 gtcgagc 427

<210> 5155
 <211> 775
 <212> DNA
 <213> Homo sapiens

<400> 5155
 cttcaggaac tagatgtata tgcacaaggg attgagttta cactaaaact aggaaatgga 60
 gttttcaatc tatgttcttg cctcttcata cttttattta tttttgtca tctgcctta 120
 tactgggcta acaatgagat aaaataaaaa tacctttgaa tactcttttc cctttcatgc 180
 atttaaagcc atggaggaac tagaccatta gctgttgccg tcacatgctt agacaccagt 240
 ttacttagcg tgttatgacc ttcctcacc atactaccaa atttaaattg gtcccgaactt 300
 caccctctgg aaggaagtaa actcttctct ccccatgggt tcagagcagt ttttacctgc 360
 aagcaccatc tctgtatgtg ctcttactag attatacagt tcttgagagg gattgcatct 420
 tgggtgtttt gtatttccac ctcaccccca gcacatagcc cagtctcttg cacaaattaa 480
 gtacttaagt tgtgttgagc taaattgaat aaaggattat tagcattagc atattttgtg 540
 ccttggttgt ataagctggg tgtttggttt gttacctttg caaatattta tgattatcac 600
 cccccacat actaaattgt ttttaaaagt tttgcctttc cttcagatac taccacaggc 660
 aatttgctgt agataatgtg attgcttcca atgacataat tatcccaaac tctctgcccc 720
 ggatatactt tgccaaacga aatttgaatt ctctgaataa attggtcatg tctaa 775

<210> 5156
 <211> 713
 <212> DNA
 <213> Homo sapiens

<400> 5156
 gttggagaaa tccaaagctg accaaaacat ggtccccacc ttttgagct tacagtctgt 60
 tctggggaac agagattcag ccaaagtcaa gaaacactgg atgccagcta gattatctgt 120
 tctgtgcttt ggtgtctata agtacatatg tggatatggg ttcattttat ccctaaactt 180
 agtaccaaac cagcatttaa tatctaatta taaatctaatt ttggcctaaa ctttattatt 240
 gcacactgcc tgaacaaaac ctatttgtct ctatgtaaatt ttttctctca tggacaagg 300
 gtgtgaaatg aaaaattttt aggatttatc caaaracaga ctattctgtt ttcagcttca 360

gaattgttct	ttgaatccta	aggaacctct	gtcaacagtt	gaggttgctg	ttgaaaagaa	420
agaagaagga	ggcggaaatc	tctcagggag	aattatttcc	tttcttttct	atttcagata	480
cctggagggg	tggggagaag	taagaattgt	aagggaggtt	cagtagtggg	gaattctgtg	540
acagctgatt	gaagatgatg	atgaagaacc	tctgcattct	agttaccctt	tgcttcgctt	600
tcacctcttg	taaaattggg	ctggcaacaa	tgacattgtc	atgctttatg	tccaatatcc	660
tctgtctgag	atctaattgt	cttaatcgtg	ccgtaaatgg	aattccccca	cca	713

<210> 5157

<211> 529

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (529)

<223> n = A,T,C or G

<400> 5157

agcagctgca	tctaggggcc	cttggtgaga	tttacctca	gagcctggtc	gcccccggtt	60
agcccagatt	caaaagggtga	acatctgttt	gcagaatctg	attcatgaga	aggtgagttt	120
attgttttca	gtttagactt	ttgggaagtt	ggactagaga	ggggagttgt	tggggtcagt	180
gctggcttaa	cagaaaacac	agcgaatttc	ccctccagtt	ctccccaagt	ccactgaaca	240
aggctagttc	ctgcaccacc	caggattcaa	aggaaagacg	aagggagcag	aacttggtggc	300
agcaacaggt	aaacttcaan	aaggagggca	ggatcccacc	ctacagggct	gggangganc	360
ccaaaggccc	catctgtttc	tcctccagga	gttgtcaagg	cagcagaaaag	gantcaccca	420
gccaaaggag	gagatggctc	ancggggctg	caccaagggg	ccaagaggcc	tnacccggtg	480
ctaaaccctc	ctctcactcc	cctaagcctg	gtngaaaaga	gtcagaaan		529

<210> 5158

<211> 459

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (459)

<223> n = A,T,C or G

<400> 5158

ttcattttta	aaaagcttct	ccttattatg	ttgttgttta	acaactkaaa	cgctatctct	60
agaccaggaa	taattatttg	ctatatawta	cagcaaaaaa	tatgtatgta	taaattggact	120
cattcaaaaat	atataaagaa	ctcctattac	aaagaaattg	acaaacagcc	cagtatatca	180
atgaatataa	aaatttgaga	agatattttc	cataagaaga	tatctaaatg	aacattaggc	240
atgagaaaaa	caaatttttag	gatatcacta	cacacctggg	yrtagttaa	aagactggaa	300
aatattaagt	gtgtggggaa	tgtagagcaa	ctgaaaaatg	cctacatctt	tcataggaaa	360
tgttaaaacc	aatacaawta	ctttggcaaa	actctgtccm	acmttttcta	cccmtttcac	420
ccagggcact	yccttccctg	gcttttggtg	tnccccggg			459

<210> 5159

<211> 300

<212> DNA

<213> Homo sapiens

<400> 5159

ggatgccctg	gggcagaagc	tgcccagaag	gccccagcca	gggcctggag	agcagctcac	60
agtcttccag	ttctggagtt	ttgtggaaac	cttggacagc	cccaccatgg	aggcctacgt	120
gactgagacc	gctgaggagg	tgctactggt	gcggaatctg	aactcggatg	atcaggctgt	180
tgtgctgaag	gcctgagat	tggcgcccga	ggggcgtctg	cgaagggacg	ggctgcgggc	240
cctcagctcc	ctgctcgtcc	atggcaacaa	caaggtcatg	gctgctgtca	gcaccagct	300

<210> 5160

<211> 540
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(540)
 <223> n = A,T,C or G

<400> 5160
 gtgggaactt cccctactcc ctggatgtgt gtacctagca cacttccttc tccccccct 60
 ttttccagtt ggatttgttt ttctgttctc ttctgtcctg tcttatactg caactgtgtc 120
 tcctagggga cagatggcct tctttgtcat ctccactctc cccccccaga gaggagtcag 180
 agcmwtaact caatcactca gcccctccaa agatagtgtg tgtgtgataa tctcataatg 240
 ttgagaacct tgatgagata cattgtcttc ctctccctac aatgcctctg gggccaaggc 300
 acccattctt cttgctatcc tccatcccc ttgaggcttc cacttttttt ttttttagac 360
 ataaagctgg gcatcagcaa ctgggcctgt gggatgagca aagctgcttt gctctgtatc 420
 tgggctggga cttgatctgt ctcaacaagg aggccatgag ggncataggg ggaggaaggc 480
 ttccttntcc cccttcatct ttctgnttcc aaagggtggg tagggcaagg aggggagtta 540

<210> 5161
 <211> 683
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(683)
 <223> n = A,T,C or G

<400> 5161
 atacgatggg gtgcttggtg gatgggccat ggagggtccgt gagctggaac tgggcacacg 60
 ccatcccaga gggctcagga tgccccagga aggaagaag ggcaacagac tacacgattg 120
 gacgtgtgtg gttgactggg atgaagtgtg agggaggggc agggccttgc aggggattgg 180
 tactgatccc agggaggaag tgttggggct tcatgaacta ggatgaaagg agggccctga 240
 gccatgacaa ggggcacatc caggatttcc gccaccctga atttagtaga gctagtaggc 300
 cctggctcgtc actctgggca gggatgccgt cagccttgag ggtcgccacc cacctgtgtg 360
 ttgccctctg tcttgccggg gaaacataca ccccttgtct caccaccaac cttgcttgtg 420
 tagtcnrcag ggctgccctg cccaaggac tcaactgcat taccgggacc cctaggcctg 480
 gcctttgcag catagtggg agcttctgga ttccatctgc acctgtgagc cccatgctgg 540
 ctgtgcactg cgcgggcctg agactgctgg atacaatgtt gggcaacaac tcagccagcc 600
 tgatggcagc ctcaagggt tactctaacc catcccagaa taaatggaga cttcatgtgt 660
 tcattgtttc attcactcaa aaa 683

<210> 5162
 <211> 578
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(578)
 <223> n = A,T,C or G

<400> 5162
 ctgacctttg tagagaatcg gaccttcgac atgcaatggc caattgtttt gaagcggttaa 60
 taggagctgt ttacttggag ggaagcctgg aggaagccaa gcagttattt ggacgcttgc 120
 tctttaatga tccggacctg cgcgaagtct ggctcaatta tcctctccac ccaactccaa 180
 tacaagagcc aaatactgat cgacaactta ttgaaacttc tccagttcta caaaaactta 240
 ctgagtttga agaagcaatt ggagtaattt ttactcatgt tcgacttctg gcaagggcat 300
 tcacattgag aactgtggga tttaaccatc tgaccstagg ccacaatcag agaatggaat 360

tcctaggtga	ctccataatg	caacgtggta	gccacagagt	acttattcat	tcattttcca	420
gatcatcatg	aaggacactt	aactttgttg	cgaacgtcgt	ttggtgaatn	atagaactcc	480
aggccaagct	agcggaggag	ctgggcatgc	aggagtacgc	cataaccaac	cgacaagacc	540
aagaggcctg	tggggcttcg	caccaagacc	ttgggcgg			578

<210> 5163
 <211> 395
 <212> DNA
 <213> Homo sapiens

<400> 5163						
cagaaattca	aataattctt	ttctgcttca	atgccagcag	aaggtcccc	aggtagacat	60
ggagaagcac	tttgttttaa	ataggagggt	ttcatagttg	catctgaagc	cacctgggtc	120
tggtwawstg	ttrtcgtgca	ggtwkwgggt	ttggcattat	tcatgtttct	gatcaattct	180
atgcaactct	catagttcct	gttacttttt	agcattagct	gccaaatgac	ttcaaaaggc	240
tgggggtgggt	gacttgactg	tgagactgga	ttataacatg	gacaaatctt	attttgctta	300
atgtgtttgt	gtgtgtgtgt	gtgtgtgtgt	gtgtatgtat	atataatat	ataaatatct	360
ttcccaatat	gccccgttga	cagtgtttaa	attcc			395

<210> 5164
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 5164						
cagaaaacta	gcaggttaca	ttttataggc	tattgtagtt	ttattttacca	aatgatattc	60
tctaaatcac	ttcgaccaat	aaatgtattc	tcttccttaa	agcagagttg	tatcaactct	120
gtgggagcat	ttatgagctg	tcagtcccca	cacttctagc	cagaatcaca	ataaggctctg	180
gctgggtgtg	gggtgctgca	taggaaaagg	tctctggaga	agcaagaagg	gcacaatcat	240
ggcccaactgc	tcccctcttc	ttctcagtgc	tctttgccct	ctcctgctgc	gatgcttct	300

<210> 5165
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 5165						
ccttcccacc	ttgtgagttc	tcccagcagt	tcctggattc	ccctgccaa	gcactggcca	60
aatctgaaga	agattacctg	gtcatgatca	ttgtccgtgg	gtttggtttt	cagataggag	120
ttaggtatga	gaacaagaag	agagaaaact	tggcgtgac	cctgttatag	tggttatagt	180
ggtgtcccta	aagggaggaa	atgatttcag	caaaactggg	tgaacagcgg	atgaagatat	240
ggaattcaaa	gctctaattg	acctttttga	agagaagttg	tggcttatgt	ggagtttaca	300

<210> 5166
 <211> 655
 <212> DNA
 <213> Homo sapiens

<400> 5166						
ccattgttag	catcgtacac	gattgtgatt	tttatgtcaa	aagaagccaa	aacttgcaat	60
actattttta	gcagacaaaa	aaaagaacta	agtataaaat	gtataaatat	ttttgacttg	120
aacattttgga	tggcactggg	tsmamgtaga	gcattccatcc	ttcggatgra	atgtttggaa	180
aaaagagact	tttaaaaagg	agacggttgt	tttaaaagagt	ctgtttaggg	gttaaagtac	240
tgtaactcac	gactgttaaa	aaataaattt	tcctgtgctg	taaaggaagg	tttcacagta	300
ccactgagtt	agatttcagc	cacagatgct	tagctttttt	tttttgctct	ttttttaagg	360
aggaagcctt	tgttttgttt	tcctgagccc	tcactctgtt	tttgtgctgt	tactcggtag	420
agtcaagact	gttacttttt	agccatggct	gacattgtat	caataactaa	aactgaaaca	480
ttcaaaaagcg	aacagggaaa	ccgagggcct	caagcgtgct	cagagccgtt	tcagacagtg	540
gaaatccatg	acaaacaaaa	ggatgtgatc	attaattgta	aagcgctttg	taaaattcac	600
atttacaaaa	taataaagtc	agttcaaacc	taaaaaaaaa	aaaaaaaaaa	aaaaa	655

<210> 5167
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 5167
 cacctgtgcc cccaggctca aggtctctgg caggtgcaca ccagcccaac tctgcagggc 60
 ttctytccct gccaccaccc cccaagccag gacccactc cttccccgag gctgagctga 120
 gccttttcca ggggcagggc ccaggagacc attcccagaa tccatggggc agtagccagg 180
 gctccggctg ctggaggaag cagctatcca caaagcttcc tgccccagag ctgaggctga 240
 ggccccggga gaggcggccc ctacccaaac actggctgct ggcattccac caagtgaccc 300

<210> 5168
 <211> 345
 <212> DNA
 <213> Homo sapiens

<400> 5168
 ttacttttga ttgtgtctga tgggaactga gttgttggcc tttgtgaaat gaaatttttg 60
 gctcttgaga aagaattctt atgaattggt atgcgaattt tatatatatta aagagggaga 120
 tctggggctg ttatttttaa acactttttt tcataatata tattccccgag tagatatatta 180
 taaaatatat gtttctttca ttatgtgttt gtaaaattag agtttaaata aatatgcttt 240
 gatgcatagt tttgaactaa tgtaacatga tttttctttt ttaaaacagc ctgaaaatgt 300
 actagtgttt aaaaataaag atttccattt tctccaaaaa aaaaa 345

<210> 5169
 <211> 703
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(703)
 <223> n = A,T,C or G

<400> 5169
 cgcgacgggg gttcagggaa tatttactgg gcctctccgc tccctctgct cttggaggtg 60
 ccatgaggtc agttagctac gtgcagcgcg tggcgctgga gttcagcggg agcctcttcc 120
 cgacgcaat ctgcctcgga gacgttgata acgatacgtt aaatgwacys gtsygrsag 180
 mcrycagmgc ggaaggtgtc tgtgtataaa aatgatgaca gtcggccatg gctcacctgt 240
 tcctgccagg gtaatgctga cttgcgttgg ggttgagac gtgtgtaata aaggaaagaa 300
 cctgttgggt gcagtgaag ctgaaggctg gtttcatttg tttgacctga cactgccaa 360
 ggtgttggat gcttctgggc accacgagac actaatcgga gaggagcagn gnccagtctn 420
 caagcagcac atccctgcc aaccanggt catgctgac agcgacatcg atggagatgg 480
 gtgtcgtgag ctggtggtg gctacacaga ccgtgtggtg cgagctttcc gctgggagga 540
 gctaggtgag ggtcctgaac atctgacagg gcagctggtg tccctcaaga aatggatgct 600
 ggaggggtcan gtnggacagn ctctcagtga ctctggggnc actnggtctt cctgaactga 660
 tgggtgtctca gccaggtngg tgcgttttgc aattctnctg ngf 703

<210> 5170
 <211> 404
 <212> DNA
 <213> Homo sapiens

<400> 5170
 acaaggacaa gaaagaaagt acggttgcaa cggctggctc gcatgcatgc cgacatgatg 60
 gaggatgttg aggaagtata tgccggagac atctgtgcat tgtttggcat tgactgtgct 120
 rgtggagaca cattcacaga caaagccaac agcggccttt ctatggagtc aattcatgtt 180
 cctgatcctg tcatttcaat agcaatgaag ctttctaaca agaacgatct ggaaaaattt 240
 tcaaaaggta ttggcaggtt tacaagagaa gatcccacat ttaaagtata ctttgacact 300
 gagaacaaag agacagttat atctggaatg ggagaattac acctggaaat ctatgctcag 360

aggctggaaa gagagtatgg ctgtccttgt atcacaggaa agcc

404

<210> 5171

<211> 300

<212> DNA

<213> Homo sapiens

<400> 5171

gttccccctct	tcttgtgaga	ctgggtccagg	cagcccttct	ggacactgca	tgatcacagg	60
agcagccctc	tggcccataa	tgacggccct	gtcttcgcag	gtggccactc	gggcccgcag	120
ccgctgggta	aggggtgatgc	ctagcctggc	ttattgcacc	ttccttttgg	cggttggctt	180
gtcgcgaaatc	ttcatcttag	cacatttccc	tcaccaggtg	ctggctggcc	taataactgc	240
tgttgtcact	ccactctcct	aggcgctgtc	ctgggctggc	tgatgactcc	ccgagtgcct	300

<210> 5172

<211> 593

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(593)

<223> n = A,T,C or G

<400> 5172

agcatgccct	aaagagggac	cagctgtagt	aggtcagttt	attcaagatg	tcaagaactc	60
aaggtctaca	gattccattc	gtctcttagc	tctactttct	cttggaagaag	ttgggcatca	120
tattgactta	agtggaacgt	tggaactaaa	atctgtaata	ctagaagctt	tctcatctcc	180
tagtgaagaa	gtcaaatcag	ctgcatccta	tgcattaggc	agcatttagt	tgggcaacct	240
tcctgaatat	ctgccgtttg	tcctgcaaga	aataactagt	caacccaaaa	ggcagtatct	300
tttacttcat	tccttgaagg	aaattattag	ctctgcatca	gtgggtggcc	ttaaaccata	360
tgttgaanaac	atctgggcct	tattactaaa	gcactgtgag	tgtgcagagg	raggraccag	420
gaatgtttgt	gctggaatgt	ctagggaaaa	ctcactctaa	ttgatccagg	aaactcttcc	480
ttccacggst	ttaagggggg	actttgattc	aggggttnatt	catnattgnc	ccgaagggtc	540
agtgggttta	cgggctgttg	aaattttnac	aattttcttg	naccctntcc	aca	593

<210> 5173

<211> 447

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(447)

<223> n = A,T,C or G

<400> 5173

gacacattaa	aagagagata	tcaaaaaaatt	ggtgacacca	aaaggaatac	tcccattgaa	60
gctctctgtg	agaactttcc	agaggagatg	gcaacctacc	ttcgatatgt	caggcgactg	120
gacttctttg	aaaaacctga	ttatgagtat	ttacggaccc	tcttcacaga	cctctttgaa	180
aagaaaggct	acacctttga	ctatgcctat	gattgggttg	ggagacctat	tcctactcca	240
gtagggtcag	ttcacgtagg	attctgggtg	atctgcaata	actygagaaa	gccacacaca	300
tagggatcgg	ccatcacaac	agcagcctct	tcggaaatca	ggtgggttag	ctcaaccaat	360
gggagagctg	gatgttggat	gatccccacg	ggagccccan	tcccaatggc	acccattcac	420
agcttcatgc	ccgaggtggg	aggtagt				447

<210> 5174

<211> 1170

<212> DNA

<213> Homo sapiens

<400> 5174

gggtgcagtg	gctcactcct	ataatcccag	catttttgga	gtcctatgca	ggaggattgc	60
cagaggccag	gaatttgaga	tcagcctggg	caacatagtg	aaactctcat	ctttataaaa	120
agtaatat	aaatttttaa	aagtgtataa	actgtaaagt	atattttact	ggtgttttct	180
tccttattcc	tacttgctcag	atgcaaatac	acatttttgt	gtgtttgtgt	ttagtaatta	240
taagtataca	tatttcattc	ttctatttca	tatatttcta	tgacattata	tcttagatgt	300
gtaatttatg	aactactact	ggattatttt	aatccattag	aaattactat	tcacgcattc	360
tgtattcaat	tcatgtgata	gctaataat	ttggttttta	atgcatctta	ttttgtgggt	420
ttcttctagg	ctgttttttg	tgctttcttt	taaaaatata	taggttttaa	taatcttaat	480
tttcttttag	tttgaaatgt	atatactcat	tttattcatt	agtctaagat	aagaattgta	540
acacttctct	aacctattat	agaattgtta	atacctttac	ccttctcttg	aacacatcaa	600
aggatgtcat	tgagtgttgg	tattggagta	tagcatatct	attattctgc	tcaattagaa	660
gatattgttc	atgttgata	gagataataa	gtaattgtat	tgatctgcag	atgcatccat	720
ctcttggatt	ctcattcctt	ctaccactgc	agaactttca	cctgtaatca	ctttcctttg	780
gccttaagga	taacttttag	ggttactttt	ctactaaatt	tccaattttt	gaccagatat	840
aatcttatat	tgtgctcttc	ctgaaaaata	ctattgttgt	ggatagaaat	ctgggttggg	900
agttatttct	tcagcaattt	gaccatgtca	ttccactgtg	tccctggcct	cctgtatact	960
ggatgtgaat	ggatacaatt	atatattgtg	tttatagttt	tctgtgcta	taggaacagt	1020
attccccgaa	tctgatgcaa	aggacaacac	accctagaga	ttgtaacagt	gagatgaacc	1080
aagtgattgg	atggggtttt	gagttgctgg	aataatggag	ttacagtgtg	caatgcataa	1140
gcaacataat	aaattatata	tctggtgaac				1170

<210> 5175

<211> 301

<212> DNA

<213> Homo sapiens

<400> 5175

cgccgcacag	ctgctgaatg	sccttgrryt	wgstggygcr	ttwcmkcrms	ymgsrctstga	60
agctcagccc	tggccaggtc	cagaccttcc	tgctgtgggg	agcagggggc	ctggctcgtct	120
actggctgct	gtctctgctc	ctcggttggg	tcttggcctt	gctggggcgg	atcctgtggg	180
gcctgaagct	tgtcatcttc	ctggccggct	tcgtggcctt	gatgaggtcg	gtgcccagcc	240
cttccaccog	ggccttgcta	ctcctggcct	tgctgatcct	ctacgcctcg	ctgagccggc	300
t						301

<210> 5176

<211> 349

<212> DNA

<213> Homo sapiens

<400> 5176

ctgagatctg	cttttactga	agtggatcaa	tgatgaaact	agccaaatct	gagcatcaga	60
agkctttccr	gtctacctga	tgcatgatct	ctacagttct	gagaagcara	actataaaac	120
aatgtaaaac	aataagggca	tatgtctggg	gtgtgtgtgt	gtgtgtgkgt	gtgtgtgtgt	180
gtgtgyacsc	acaygtgttt	ataaagrtar	cagytgtagg	aatgaatgag	attgrgggtg	240
rggggggtgcr	tatgtatgtc	tatgaaagcc	taatcatttc	tgggcaatga	tgwaaagggt	300
ttackactga	tctttgtaac	tatgatgggt	tctacacttg	acctgggct		349

<210> 5177

<211> 907

<212> DNA

<213> Homo sapiens

<400> 5177

gctgtacgga	gagtgtctgga	ccgagggggag	ctgggagcag	gtactgcctc	catcctgagc	60
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cctcctcggg	aggagcagcc	ccctcctgtg	ctgctttccc	cctcccttca	atatgtctggg	180
gcggagacyc	kggacctcaa	agtgaattc	cgggacccca	aatcccagcg	gacgcaccag	240
gctcaggttg	cgttccaggt	gtgtgtgctc	cctggctcct	acaccccggt	accccttcc	300
gctgcccttg	gagaacctcc	tgacctcac	ttcagtcacg	cgaacttga	gtgggtcact	360
aaggagaagg	gggccacact	cctctgtgcc	ctgctgggtac	gggtggaatg	aggggtgaga	420

caccactact	acaagcacag	tcggggccgcg	ggcattggga	ctctgagtgg	cgactgctcc	480
acctcattcc	cgtgactcgt	ggcatgcgca	ggtgctggar	cttggcagcc	gcgcaggagc	540
atgtaggcag	gctctcagat	gtaggtggca	agtggcacag	ctccatgtcc	ggaggcccag	600
cactccgtct	gatgggagga	gycgtgggag	cccagctcca	ggccctggta	cccctcttca	660
tgcactgatt	tggggaacat	gactcccttt	tactccccta	ccccacatca	cttaattttat	720
ttccgttttt	gtttctgggt	actgtgaatc	ccagaggagt	ctctccctgt	gccacatga	780
agctgctttt	tccggggcca	ccggggcgga	gtggggaagg	gtgggcgcac	ggaagatggg	840
ggcctctgta	cagttgttac	tgactctgat	ttctaaggag	ccaataaaca	ccgtctcaga	900
aaaaaaa						907

<210> 5178

<211> 865

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(865)

<223> n = A,T,C or G

<400> 5178

acttttttaa	cgaatggggg	aagggatcta	tgagaaaggt	ggtatcta	ttttttatgg	60
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acctttttta	attatgttag	agatgtatat	aggatattta	aggtcactgg	gagcgtttct	180
gattcccggc	cacactttgc	atttcaacac	tcagcccgga	aagatgctcg	ttcggttggt	240
ggacctcttt	cactccctgc	gtgtaagaag	gtgaatcacg	tgggaaaaag	tggmtyytya	300
gtaaacgggt	acagctcatt	ctttctgaga	aggccccagg	tcctgctccc	tcctcggatt	360
tgattgtctt	ccgtgctttg	cctcactcgt	agtaaatgac	catccataga	atatgtgaat	420
ctttggtgag	cttcagtggg	cagagtgaag	tcccgcatta	gcatttaggt	gccctgagct	480
gtttctgcca	atagattaga	aagcagccat	gagttgacag	tccttagggc	ccctgccagt	540
gtgcaattag	tcattgacaa	gaacaatgcc	atctgagagt	gaggtgggtcc	ctgctgctac	600
gaggccattg	tactgttttt	tccttgaggt	caaagcagtg	cttcccatag	agtttgctgc	660
ctcttctgtg	gacaggaaga	aaacttcatt	accgaatcag	agccttggtg	gccactgact	720
ctcgtgctta	ttgcagatgc	tgtggttggc	ctcacaaaga	acgccttatg	ctgatgtgca	780
gaggtgccag	ctgccawttt	gccaaactct	gcatttcatt	tcattctaang	gyttargccc	840
ctcttncttc	cgggggttan	ccgtg				865

<210> 5179

<211> 952

<212> DNA

<213> Homo sapiens

<400> 5179

tgcaacatca	ctgatatcag	catcctttta	aatattatct	gmywcttggt	ctragagcma	60
saaagctggg	aattcyttga	yaragtkawk	masaatgcmk	mcawaatgaa	tgcatgyasr	120
ctrytrtggt	ttactagaca	tcaaagtaaa	ggagcagtct	ttggaaaatc	taatcaaggg	180
aaggaagatc	tatgaacctc	cacggtatat	gagtgtaaac	caagcagccc	agcagcttct	240
ggagattggt	caaaatcaaa	gaatacaggg	agaagaacca	gcagttaccg	aggagacact	300
ttgtgttggc	ttagccaggg	ttggagccga	cgaccagaaa	attgcagcag	gcactttaag	360
gcaaattgtc	actgtggact	tgggagaacc	attgcattcc	ttgatcatca	caggaggcag	420
catacatcca	atggagatgg	agatgctaag	tctgttttcc	ataccagaaa	atagctcaga	480
atctcaaagc	atcaatggac	tttgaacata	gatatttacc	attgtctgat	gtaaatttca	540
gccatatatg	gattgatatg	gtttggatgt	atccccaccc	aagtctcatc	ttgaatttta	600
atcctcataa	ttcccagggt	ttgtggtagg	taattgaatc	atgggggcag	tttccctcat	660
gctattctca	tgatagttag	ctttcatgag	atctgatggt	tttataagtg	cctggcattt	720
cccctactgg	ctctcattct	cactcttgcc	gccctgtgaa	gaggtgcctt	ccaccgtgat	780
tgtaagttt	cctgaggcct	tcccagccat	gtggaactgt	gagtcgaaaa	ttaaaccctc	840
tttataatta	cccagtctcg	ggtatttctt	catagcagtg	tgagaatgga	ttaatacctg	900
gatgcatgca	tgtttgtgta	acaaacaggt	cttttggtt	atctagtaag	ta	952

<210> 5180

<211> 657
 <212> DNA
 <213> Homo sapiens

<400> 5180
 gtatcacctg agcaaactctt ttaaattata cattctgtga tatttccttg actttcttat 60
 ccagcacttg tattgattat ttttcatttt gataatgttg ggtttttaa aactccttta 120
 tgatggaaaa tttcaaact acacaaaagt agagagagaa tggataata aaccactca 180
 gttttaagga ttgtcaacta ataccagttt tatttcattg atgactccaa caacttcccc 240
 aaccagcctt cagattatct gaaagcaa attcagacatc gtattttact catacatttt 300
 ctagtatcta aatctggaag agactctttt ctaacagttc tgtagcatta attatactca 360
 tactgtgttg caacaaatat ccagaaatct tttgtcttgc gaaactgaac ctcttaccac 420
 ttaaacacta actccctttt ttttcacct gaaccatkgg caaccacaat ttactttct 480
 ttttctgtga gtttgattac ttgatacttc atgtgagtg aatcatataa tayyystctt 540
 tytgtgactg acattttatt tagcttaatg tcttcaagtt tgaccatac catatcatgt 600
 ggcaggattt ttcccttttt ttttttttca gacggrgyc gytctgtcgc caggtgg 657

<210> 5181
 <211> 969
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(969)
 <223> n = A,T,C or G

<400> 5181
 ctgggagcga gacggtggcc cggccagcc ccatgggcca caccggctgg tgagacgaga 60
 ggatggggca gcaggggacc gggacctgcg ggcagctgtg gtgaatcagg acgctgagga 120
 gccaggaggc ctkcctggag gcggtgctac gtgcactaca ggsacagtgt cggcaggaac 180
 tggccaggct ggtgggagcc cgcctgtg tcactctggat cccgccacct ggacgctgag 240
 ggcctgtcga cgggccctcg tggggaagc ctgccctggc ccagcctggc tgggtcttgg 300
 aggagcagat tccaaggcag gtggcgagc gacgatgcag atgcagagcc cagtcacat 360
 gctcgtcca ggggtggggc tgggtgact ctggccggat cccaggcctg tggctagcag 420
 cactggggac aggaatggct ggtcccttga ggaggtcgtg acaggctcag cctggtggtc 480
 tggaggggac tcggaaataa attgtagcag ctttcctgcc gctggccctc cccctgccac 540
 cctgtcgggt ttccctgttt ggggtggga gcgtggagga gccctggca gttggtggcc 600
 agtgtagggc tggccaggtn ctggaggaca tgcatacccc agcactggtg agtggcagga 660
 ccacggggag gtggcacagg cctccctgga gcnggattat ctcgccccc ccccttca 720
 tttgggctcc cgctgtgggc ctggcctggg ctgtgagcac agcttgcccc nacctccggc 780
 catggctgtg nctggtgggt ncgcccgatg ggagcccggt gctcttgett cctttncccg 840
 ggaagtgtgt tgcttccggg tngggaggna cagcattggn acaagagggg ttttntttcc 900
 anaggctgtt caagcaaagt tnaagttgat tccctgacaa agaagcatnt gttttcccg 960
 ngaacttgc 969

<210> 5182
 <211> 280
 <212> DNA
 <213> Homo sapiens

<400> 5182
 gaggagttaa attttgaagc tctttgagaa aggtacctt tcttaacatg ttkkwtaa 60
 aaaaatacaa tggcttattt aaaatgtccc tatgcatggt gaaatgttaa ataccaagt 120
 gatgaatggt tctcaaata attgtaatgg agaattatc acatgcatct attgtttaa 180
 ctaataagta aaatagactt cctttttctg ttctgtttta aatgtgcact aaaattacct 240
 gcttgtggtt aagcatgggc tggacagttt attgatttt 280

<210> 5183
 <211> 758
 <212> DNA

<213> Homo sapiens

<400> 5183

gccacacggg	cccgcacat	ccttgcaatc	tggttccgct	acgacctcag	ccccatcacg	60
gtcaagtaca	cagagagacg	gcagccgctg	tacagattca	tcaccacgat	ctgtgccatc	120
attggcgga	ccttcaccgt	cgccggcatc	ctggactcat	gcattctcac	agcctctgag	180
gcttggaaga	agatccagct	gggcaagatg	cattgacgcc	acaccagacc	taatggccga	240
ggaccctggg	catcgccagc	cttgccctcca	gtgccctgtc	tcctttggcc	ctcaatctgg	300
tcccaaatct	ggctgtgtcc	caaagggtgt	gtgggaagtg	gggggaaagt	agaggatggc	360
tcgatgtttt	gcagctacct	cttttccccg	tgtttctttt	tagacaaatt	acactgcctg	420
aagttgcagt	tccccctttc	ctggggagcc	ccaagaacag	agtcaggcaa	ggggtgggga	480
gtccagggat	cttggggacc	cctcctagga	gagctgcagt	ctcttccctc	aggggaacat	540
cccagaatgc	atatcgatca	gctctcagcc	aggcttcgac	aatctcgag	ccccactag	600
gtggacacat	taatgatttk	gtttctcccc	tgggcagcca	acctgcccc	gaggcaccag	660
acctgggctt	tctagctttt	gggaccaggc	tgcccaaagg	tactccttta	tacaccggc	720
accttccacg	gagatgggta	ctttcccaag	caagcccc			758

<210> 5184

<211> 300

<212> DNA

<213> Homo sapiens

<400> 5184

ttccctccct	cctcctttca	ttctccttct	ctccttctcc	cttccttttc	tcctacctcc	60
tttgactaag	cctccctccc	ctactccctc	ctttccttcc	ttccttcctt	cttctctatc	120
aatataatca	ctttgtttct	ttcaggtgag	atcggaactg	aactgttcgg	ctgcgaccag	180
aaattttatt	tcctgagtaa	attgcccaga	attaagaatg	aagagggcca	tttgcctctc	240
cttaaattat	tcagttacct	gctttattgc	tccatgtgga	aaacttaaaa	ttgttaagtt	300

<210> 5185

<211> 333

<212> DNA

<213> Homo sapiens

<400> 5185

atccagagaa	atgatgtgcc	ttgtgtaaag	ttgtgggttag	gaagggacag	agccaggact	60
ctaaattctg	tcctccggcc	ataattccaa	aactttctcc	aatgttaggt	atgtaggcta	120
aaatgtgcta	acagcacttg	tgtttttggt	tccttttggt	ttacttttta	ttatggcaaa	180
tttcaaacat	atacagatac	agaatagttt	aatgaactcc	catgtttctc	tcattgccagt	240
tcaaacatga	atacatggtc	aaccttgat	cacttaaaact	cytgcasaca	agccctgccc	300
catcctgttg	ttttgaataa	aatccatcat	tgt			333

<210> 5186

<211> 555

<212> DNA

<213> Homo sapiens

<400> 5186

aaaacactat	ttacctat	ttccaaggaag	gaagtattga	gattgacatt	ccagtcccca	60
aatacttata	ttctgtgagc	tcacaagaaa	ctcagggcgg	cccccttagc	tcctatgact	120
ggaacccatt	gaaaagggtg	ttgtcaaagc	tggagacaaa	gtgaaagcgg	gagattccct	180
catggttatg	atcgccatga	agatggagca	taccataaag	tctccaaagg	atggcacagt	240
aaagaaagtg	ttctacagag	aaggtgctca	ggccaacaga	cacactcctt	tagtcgagtt	300
tgaggaggaa	gaatcagaca	aaaggggaatc	ggaataaact	ccagcaagga	aatggccagt	360
taagttagtg	cttctctctc	cacaaaaaag	aggaagtgcc	tccagctttt	ctgggggtct	420
cataaagagc	agttttacta	aatgattgta	tgcttatgct	gaacaccttt	catattggag	480
aatcatgcat	ttgggtcact	aattatctca	aaatatttca	tactaataaa	gttgaattat	540
tttttattgg	aagcc					555

<210> 5187

<211> 1029

<212> DNA

<213> Homo sapiens

<400> 5187

aacagggaata	tggaaagaaa	ctcagagccg	agtttagtga	aaagtggaaa	gcagagagag	60
aggctcggct	ggcaagagga	gaaaaggaag	aggaggagga	agaggaggaa	grgatcaaca	120
tctatgcagt	caccgaggag	gagtcggacg	aggaaggcag	ccaggagaaa	ggaggggacg	180
acagccagca	gaagttcatt	gtcacgtcc	ctgttccctc	gcagcaagag	attgaggagg	240
cactggtgcg	aaggaagaaa	atggaactcc	tccagaagta	tgcaagcgag	accctgcagg	300
cccaaagtga	agaagccaga	aggctcctgg	ggtattagga	cccagctggg	gctctccttg	360
gagttcttcc	atcccccagt	ggtacctcag	gacccagggc	tkcagacaca	ggctggtgct	420
gcaagggtc	ctgccccatt	ctcagccttc	cttccctctc	cttgtctcat	ggtgaccgga	480
gggtaggggt	ctgtccctgg	tcttcctggt	aggttttgta	cacatatttt	gctactgtgt	540
ggatccattt	atttttattg	tggagtgtat	acaacagggt	gcgaactggc	tgctgtgtgc	600
ttattttgac	ttgactgcc	attttgaggg	gagaagaatc	aattagtggc	aaacatttaa	660
aaatgcaatt	ttttgcagac	caaagtataa	ttttaaaaaa	tgcaaatttt	ctaaaagaca	720
catctcttga	aaaatgagat	gatgtggcca	ggcgcaagtg	cacgcctgta	acccagcac	780
tttgggaggc	cgaggcgggc	gggtcacgag	gtcaagagat	ggagaccatc	ctggccaaca	840
tggtgaaacc	ccatgtctac	taaaaataca	aaaaaattag	ctgggcgtac	tggcatgcac	900
ctgtagtccc	agctgcttgg	gaggctgagg	caggagaatc	acttgaaccc	gagaggtgga	960
ggttgaagtg	agcaagactc	gtgccattgc	actccagcct	ggcgacagag	tgagactctg	1020
tccccccac						1029

<210> 5188

<211> 416

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(416)

<223> n = A,T,C or G

<400> 5188

gnnctataga	atacaagcta	cttggttcttt	ttgcngganc	ccwtckagws	kgaattatag	60
tattgacgtg	aatcccactg	tggatatagat	tccataatat	gcttgaatat	tatgatatr	120
ccatttaata	acattgattt	cattctgttt	aatgaatttg	gaaatatgca	ctgaaagaaa	180
tgtaaaacat	ttagaatagc	tcgtgttatg	gaaaaaagt	cactgaattt	attagacama	240
cttacgaatg	cttaacttct	ttacacagca	taggtgaaaa	tcataatttg	gctattgtat	300
actatgaaca	atttgtaa	gtcttaattt	gatgtaaata	actctgaaac	aagagaaaag	360
gtttttaact	tagagtagcc	ctaaaatatg	gatgtgctta	tataatcgct	tagttt	416

<210> 5189

<211> 572

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(572)

<223> n = A,T,C or G

<400> 5189

aatggcctgc	ctcacacgtc	agccagaacc	cagctgcccc	agtcaatgaa	gattatgcak	60
gagatcatgt	acaaactgga	agtgtcttat	gtcctctgcy	tgctgctgat	ggggcgtcag	120
sraaaccagg	ttcacagaat	gattgcagag	ttcaagctga	tccctggact	taataatttg	180
tttgacaaac	tgatttgag	gaagcattca	gcatctgccc	ttgtcctcca	tggtcacaac	240
cagaactgtg	actgtagccc	ggacatcacc	ttgaagatac	agtttttgag	gcttcttcag	300
agcttcagt	accaccacga	gaacaagtac	ttgttactca	acaaccagga	gctgaatgaa	360
ctcagtgcc	tctctctcaa	ggccaacatc	cctgaggtgg	gaagctgtcc	ttcaacaccg	420
acaggagttt	gggtgtgtga	tggggaagag	ggggcttatt	taactcgtct	ggttgcaggt	480

tcatggaaga agggagccag caggagtcgt cttttcaggt tttnggcaag ctcggggntg	540
ttgggagagt tttcctcccg aggggaccac ct	572

<210> 5190
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 5190	
taagaatcca ccaccaccca tcaattttca ggaatgggat ggtctagtaa ggataacctt	60
tgttaggaaa aacaagacac tctctgctgc attttaatca agtgcagtgc aacaactctt	120
ggaaaaaaac tacagaattc actgttcagt ccataatatt ataataccag aagatttcag	180
catagcagat aaaatacagc aaatcctaac cagcacaggt tttagtgaca aacgggcccg	240
ttccatggac atagatgact tcatcagatt gctacatgga ttcaacgcag aaggtattca	300

<210> 5191
 <211> 553
 <212> DNA
 <213> Homo sapiens

<400> 5191	
ggtacacgaa gaggtgataa tgacagccac caaggagatt tggagcccat tttagaggca	60
tctgttctat cttcccatca taaaaaaagc tctgaggaac atgaatacag tgatgaagct	120
cctcaggaaag atgagggcct tatgggcatg tcccctctct tacaagccca tcatgctatg	180
gaaaaaatgg aagaatttgt ttgtaaggta tgggaaggtc ggtggcgagt gatccctcat	240
gatgtactac cagactggct caaggataat gacttcctct tgcattggaca ccggcctcct	300
atgccttctt tccgggcctg ttttaagagc attttcagaa tacacacaga aacaggcaac	360
atgtggacac atctcttagg tatgtaatgt cagtgatgta atgagctggg gattcacttt	420
cttccttttt attttcatgt atttgagggt aagcacagaa cttcagaaat gtatttggat	480
ttgccatttt gttttctgaa tttctaataga tgaattttct gactggttta ctcgtagttt	540
atcctggttt gca	553

<210> 5192
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 5192	
atcagtatga actcttaaaa catgcagaag caactctagg aagtgggaat ctgagacaag	60
ctgttatgtt gcctgagga gaggatctca atgaatggat tgctgtgaac actgtggatt	120
tctttaacca gatcaacatg ttatatggaa ctattacaga attctgcact gaagcaagct	180
gtccagtcac gtctgcaggt ccgagatatg aatatcactg ggcagatggg actaatatta	240
aaaagccaat caaatgttct gcaccaaatt acattgacta tttgatgact tgggttcaag	300

<210> 5193
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 5193	
gaaccaagaa aatattttaa aatctaagca gtcccttctg cattaaagga taaatcagta	60
gttaacactt tttctacaaa gaaatgggtg gcctggatgg tcgtgttagt gagttttacc	120
aaggattatg gtaacaaatg agtgagacct ctatggagaa aatattgaag gacattaaag	180
aagacctcat aaatggagag agatatatca ttaattgata ggaagcctca atggcataag	240
tatgtcagtt tctttcaaaa ctcacctatg gattcaatgt gattccaaac caaatcccaa	300

<210> 5194
 <211> 575
 <212> DNA
 <213> Homo sapiens

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<400> 5194
ggacaagtcc aagaaactgg cggagcagggc tgcagccatc gtctgtctgc ggagccaggg      60
cctccctgag ggtcggctgg gtgaggagag cccttccttg cacaagcgaa agagggagggc      120
tcctgaccaa gaccctgggg gccccagagc tcaggagcta gcacaacctg gggatctgtg      180
caagaagccc tttgtggcct tgggaagtgg tgaagaaagc cccctggaag gctggtgact      240
actcttctg ccttagtcac ccctccatgg gcctggtgct aagggtggctg tggatgccac      300
agcatgaacc agatgccgtt gaacagtttg ctggtcttsc ctggcagaag ttagatgtcc      360
tggcaggggc catcagccta gagcatggac cagggggccgc ccaggggtgg atcctggccc      420
ctttgggtga tctgagtac aggggtcaagt tctctttgaa aacaggagct tttcaggtgg      480
taactcccca acctgacatt ggtactgtgc aataaagaca cccctaccc tcacccacgg      540
ctggctgctt cagccttggg catcttcata aatgg                                     575

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<210> 5195
<211> 477
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(477)
<223> n = A,T,C or G

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<400> 5195
aagcagcttg gggctcactc cccctccacc ttgctgacca ccctcatggt cttaataacc      60
aagtacttcc tattgaagac agtggaccag cacatgaagc tggccttctc caaggtcttg      120
cgacagacaa agaagaaccc ctctaattcc aaggataaaa gcacgagtat ccggtacttg      180
aaggcccttg gaatacacca gactggccag aaagttagac atgacatgta tgcagaacag      240
acggaaaaat cagagaatcc attgagatgt cccatcaagc tctatgattt ctacctcttc      300
aaatgcccc agagtgtgaa agggcgggaat gacacctttt tacctggaca cctggaggcc      360
agtgggtggg ccccccaaca ggcccaatct ggttaytcag tccagcctat tcaggcagag      420
aggcagatgg gggacaattg tttgacgcgg gttcnggggt gattaaggag gaanttt         477

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<210> 5196
<211> 555
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(555)
<223> n = A,T,C or G

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<400> 5196
cccaggatga actggttgca gtggctgctg ctgctgcggg ggcgctgaga ggacacgagc      60
tctatgcctt tccggctgct catcccgctc ggcctcctgt gygcgctgct gcctcagcac      120
catggtgcgc caggtcccga cggctccgcg ccagatcccg cccactacag ggagcgagtc      180
aaggccatgt tctaccacgc ctacgacagc tacctggaga atgcctttcc cttcgatgag      240
ctgcgacctc tcacctgtga cgggcacgac aacctgggca gtttttctct gactctaatt      300
gatgcactgg acaccttgct gatcttgggg aatgtctcag aattccaaag agtggttgaa      360
gtgctccagg gacagcgtgg gactttgata ttgatgtgaa cgcctctgtg tttgaaacaa      420
acattcgagt ggtagggagg actcctgtct tgttcatctg cttttccaag aaggctgggg      480
tgggaagtag aggctggatg ggctgtttc cggggctttt ccttgagaat tggctnagga      540
ngcgggcccg aaaat                                                         555

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<210> 5197
<211> 1175
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature

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<222> (1)...(1175)
 <223> n = A,T,C or G

<400> 5197

agattatgag	catgtagaag	atgaaacttt	tcctcctttc	ccacctccag	cctctccaga	60
gagacaagat	ggtgaaggaa	ctgagcctga	tgaagagtca	ggaaatggag	cacctgttcc	120
tgtacctcca	aagagaacag	ttaaaagaaa	tatacccaag	ctggatgctc	agagattaat	180
ttcagagaga	ggacttccag	ccttaaggca	tgtatttgat	aaggcaaaat	tcaaaggtaa	240
aggtcatgag	gctgaagact	tgaagatgct	aatcagacac	atggagcact	gggcacatag	300
gctattccct	aaactgcagt	ttgaggattt	tattgacaga	gttgaatacc	tgggaagtaa	360
aaaggaagtt	cagacctgtt	taaaacgaat	tcgacttgat	ctccctattt	tacatgaaga	420
ttttgttagc	aataatgatg	aagttgcgga	gaataatgaa	catgatgtca	cttctactga	480
attagatccc	tttctgacaa	acttatctga	aagtgagatg	tttgcttctg	agttaagtag	540
aagcctaaca	gaagagcaac	aacaaagaat	tgrgrgaaat	waaccaactg	gccytggaaa	600
gaaggcaggc	maagctgctg	agtaatagtc	agaccctrng	aaatgatatg	ttaatgaata	660
caccagggc	acacacggtt	gaagagggtta	atactgatga	ggatcaaaag	gaggagtcaa	720
atggattaaa	cgaagacatt	ctggacaatc	catgtaatga	tgctattgcc	aatactttaa	780
atgaagagga	aacactgctg	gaccagtctt	ttaaaaatgt	gcaacagcaa	cttgatgcta	840
catccagaaa	tattactgaa	gctagataag	tttccattaa	gagaaaatgt	atctgttaag	900
tcactgtcct	gcaagcttgg	cgttactatg	tattttttct	tcttgagtg	aaaatcctta	960
gatagtaaaa	ctgttataga	ttattgttta	aaatctgata	atctggtatt	tatttataat	1020
tatggggctt	gtcactttag	ttaaatctat	ttgtntctct	tagtggttgt	ttttatatag	1080
gtatttcttc	ataaaaatgat	taggaggtta	tangcagttt	ctgctgctgg	tctgtcattg	1140
aatgccttgt	tttactaag	ttgggaggtt	tggtt			1175

<210> 5198

<211> 752

<212> DNA

<213> Homo sapiens

<400> 5198

gtccgaagaa	aaagactgtg	gtggcggaga	tgctctctcc	aatggcatca	agaaacacag	60
aacaagtttg	ccttctccta	tgttttccag	aaatgacttc	agtatctgga	gcatcctcag	120
aaaatgtatt	ggaatggaac	tatccaagat	cacgatgcc	gttatattta	atgagcctct	180
gagcttccta	cagcgcttaa	ctgaatacat	ggagcatact	tacctcatcc	acaaggccag	240
ttcactctct	gacctgttgg	aaaggatgca	gtgtgtagct	gcgtttgctg	tatctgctgt	300
tgcttctcag	tgggaacgga	ctggaaaacc	tttcaacc	ctgctgggag	agacttatga	360
attagtgcga	gatgaccttg	gatttagact	catctccgaa	caggtcagcc	atcaccacc	420
aatcagtgc	tttcatgctg	aaggattaaa	caatgacttc	atctttcatg	gctctatcta	480
tcccaaactg	aaattctggg	ggaagagtgt	agaagcagaa	cccaaaggaa	ccatcacctt	540
ggagctcctt	gaacacaatg	aggcatatac	atggacaaat	cccacctgct	gtgtgcataa	600
tatcattgtg	ggtaaactgt	ggatcgaaca	gtatggcaat	gtggaaatta	taaaccacaa	660
gactggggac	aaatgtgtgt	tgaattttaa	gccatgtggc	cttttttgta	aggaattaca	720
caaagttgaa	ggctacattc	aagataaaag	ca			752

<210> 5199

<211> 300

<212> DNA

<213> Homo sapiens

<400> 5199

aagagaagct	gagacttctg	cttccacacc	ccctgcaagt	gctttcttga	aggcctgggt	60
gtatcggcca	ggagaggaca	cggaggagga	ggaagatgag	gatgtggata	gtgaggataa	120
ggaagatgat	tcagaagcag	ccttgggaga	agctgagtca	gaccacatc	cctccaccc	180
ggaccagagg	gcccacttca	ggggctgggg	atatcgacct	ggaaaagaga	cagaggaaga	240
ggaagctgct	gaggactggg	gagaagctga	gccctgcccc	ttccgagtgg	ccatctatgt	300

<210> 5200

<211> 530

<212> DNA

<213> Homo sapiens


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<400> 5200
ggattttctcc tccttccgcg ctttctgcggt gacactgggt gtcagctctg ggctgggctt      60
tctggggggcc acacagctgc tgaggcggcg ggttgaggcg gcccgaaagg acccagggtg      120
ctcaggcctg gttgtggata gcggcctgtg tggagaggag ctgcttgtrg gcagtgagga      180
ggcggacagc atcaccttgg gccggtatct ccggcagctg gcacgccatc ggaacttctt      240
gtggttcgtg agcatggacc tgggtgcaggt cttscastgs cwctwcrmcw gyaayyyckw      300
cmctctcttc ctggagcatc tgttgtccga ccatatctcc ctttccacgg gctccatcct      360
gttgggcctc tcctatgtcg ctccccatct caacaacctc tacttctgtt ccctgtgccg      420
gcgctggggc gtctacgcgg tgggtgcggg gctcttctct ctcaagctgg gacttagcct      480
gctcatgttg ttggccggcc cggaccactc agcctgctgt gcctcttcat      530

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<210> 5201
<211> 837
<212> DNA
<213> Homo sapiens

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<400> 5201
atacactgca tttgctgggt ctgttttttat atagtgaagc aacagctgta cagcaaaata      60
ataaaatact cacttcttcg ttaaaaaaaa aaaaatttac ttcttacaat tctggaggcc      120
aggaagacca tgatcagggt ccagcatctg ggaagggcct tcttgctgtc ctcccatggc      180
agaagatgga agggcaaggg agagctaaca tgctcccga aacctttttt ataatggcat      240
caatcaaata tgaggccaga gtcttctgtg cctaatactc tcccaraagg ctccgcyycc      300
aaccctgttg cattgggatt aagtttccaa cacatgaatt gtggagacaa cacattcaaa      360
acatagcatt ccacaccttg ggctccccag attcatgtcc tcacatgcaa aataaattca      420
ttccatccca atagccccta aaaagtctta acttgttcca gcatcaactt taaagtcaaa      480
gtccaaaagtc tcatctaaat cagatatgag tgagactcaa ggcatgattc atcatgagac      540
aaaggatgta catttgcaat gtttgtcatg tcagacaaaa caaaaatatg taaatatcca      600
tcaataggga actgctgaaa aatttttttg tataatcata aaatgaaaca tgcagatgtt      660
taaaccaatg agctagatct caacgtgctg atatggaaag tgcttcagaa tgtattaagg      720
acataaatta agtgtacaat aatgtgtgtg tgtgtatata tgtatatgct tacgtgtgta      780
tggaaagtat ctcagcagat acaataaaaa cttaattgtg attaaaaaaa aaaaaaa      837

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<210> 5202
<211> 589
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(589)
<223> n = A,T,C or G

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<400> 5202
caagaagaaa catggcgggt atccttctct cacatcgaaa aggaaatttt gaacaatcat      60
ggaaaatcta aaacgtgctg tgaaaacaaa gaagagaaat gttgcaggaa agattgttta      120
aaactaatga aatacctttt arwwcrgcws aragaaaggt ttaaagacaa aaaacatctg      180
gataaattct cttcttatca tgtgaaaact gccttctttc acgtatgtac ccagaaccct      240
caagacagtc agtgggaccg caaagacctg ggcctctgct ttgataactg cgtgacatac      300
tttcttcagt gcctcaggac agaaaaactt gagaattatt ttattcctga attcaatcta      360
ttctctagca acttaattga caaaagaagt aaggaatttc tgacaaagca aattgaatat      420
gaaagaaaca atgagtttcc agtttttgat gaattttgag attgtatttt ttagaaagat      480
ctaagaacta agtcaccct aaatcctggg agawtacaag awaaatttgg aaaaggggcc      540
agacgctgtg gcttcacacc tgtagtcccc agcttctttt gggnggggcc      589

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<210> 5203
<211> 551
<212> DNA
<213> Homo sapiens

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<400> 5203

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gcatttggcc	cattggccgc	attctgctga	cccatcacct	tgggtgctttt	tctgcttttt	60
ctcygtygtm	ctctgtgtgt	gttcctttgt	cctgatacctt	gtcaccttgt	gggtccaaaa	120
tggttccact	agcctcatgg	agcctggcct	tacattgcag	agtccaaagc	aggagctgag	180
ggaaaatgaa	aaacaacttc	ttcatcaccc	gaagcccagc	aaacttctcc	ttaaaaatca	240
ctggtcaggg	ctgggtgcag	tggctcacac	ttgtaatgcc	agcacttttg	gaggctgaga	300
tgggcagatc	acctgagggtg	aggagttcga	gaccagcctg	gccaacatgg	tgaaacctca	360
tctctacaaa	aatgcaaaaa	ttagccgggc	ctgggtggcgt	gtgcctgtaa	tcccagctac	420
tcaggaggct	gaggcaggag	aatttcatga	acctgggagg	cggagggtgc	agtgaagcaa	480
gactgtgcc	ctgccttcca	gcctgggtga	cagaatgmga	ctctatcttt	araaacacaa	540
aacaagtcga	c					551

<210> 5204

<211> 345

<212> DNA

<213> Homo sapiens

<400> 5204

gtccagaaat	actctgatac	tagctatggt	cagcaacatt	taatgaaaac	scttatgtta	60
aaaataaacc	cctgectcct	ggcttcaagc	gattctcctg	cctcagcctc	ctgagtagct	120
gggagtatag	gcacgtacca	ccacacccag	ctaatttttt	gtatttttac	tagagatggg	180
tttcacagt	ttagccagga	tggtttcgat	ctcctgacct	catgatccgm	ccgcctmggc	240
ctcccragt	gctgagatta	caggcgtgag	tactgtgccc	cggcctcaaa	atsttargaa	300
aaggttcttt	tgggtgcatg	gagttttaca	tgggaataaa	ttagt		345

<210> 5205

<211> 458

<212> DNA

<213> Homo sapiens

<400> 5205

ggatattcat	taccctgaga	atgaaatgac	ctgcaattcg	aaaatcagct	gtatcagttg	60
gagtagttac	cataagaacc	tgttagctag	cagtgattat	gaaggcactg	ttattttatg	120
ggatggattc	acaggacaga	ggtaaaggt	ctatcaggag	catgagaaga	ggtgttgag	180
tgttgacttt	aatttgatgg	atcctaaact	cttggcttca	ggttctgatg	atgcaaaagt	240
gaagctgtgg	tctaccaatc	tagacaactc	agtggcaagc	attgaggcaa	aggctaagt	300
gtgctgtggt	aaattcagcc	cctcttcag	ataccatttg	gctttcggct	gtkcagatca	360
ctgtgtccac	tactatgatc	ttcgtaacac	taaacagcca	wcatggtat	tcaaaggaca	420
ccgtwaagca	gtctcttatg	caaagttttt	gagtgggt			458

<210> 5206

<211> 548

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(548)

<223> n = A,T,C or G

<400> 5206

atggtgtttt	cacctggaag	ctgagaagaa	aggggcttta	atggaacaaa	tagcacatca	60
agctgttgta	atgcagttta	ttatggaaat	ggccaaaaac	tgtaatgtgg	atccaagagg	120
gtgttttcgt	ttatttttcc	agaaagccaa	agcagaggaa	gaaggttatt	ttgaagcatt	180
caaaaatgaa	cttgaagcct	tcaagtcaag	agtaagactt	tattctcaat	cacaaagttt	240
tcaacctatg	acagttcaga	atcatgttcc	ccattctggt	gttgatctta	taggtttatt	300
agaatcctta	ccacagaatc	cagattatct	tcagtattct	atcagtacag	ctctctgcag	360
cttaaaactcg	gtggtacata	aagaagatga	tgaacccaaa	atgatgggac	actgtataat	420
ttgggttaag	actgctgagg	ccaagtgcata	ttttgttaca	ggaaagggag	gaacttgggc	480
tattttcttg	gacactttta	tgggggtgct	ggcactttat	ttttgttcc	ggtttttgn	540
ggggnggg						548

<210> 5207
 <211> 934
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(934)
 <223> n = A,T,C or G

<400> 5207
 aaaacataat ttctgtttca tggagatgaa tacaaggctg caagtggaac atcctgttac 60
 tgagatgatc acaggaactg acttggtgga gtggcagctt agaattgcag caggagagaa 120
 gattcctttg agccaggaag aaataactct gcagggccat gccttcgaag ctagaatata 180
 tgcagaagat cctagcaata acttcatgcc tgtggcaggc ccattagtgc acctctctac 240
 tcttcgagca gacccttcca ccaggattga aactggagta cggcaaggag acgaagtttc 300
 cgtgcattat gaccccatga ttgcgaagtg rntegtgtgg gcagcagatc gccaggcggc 360
 attgacaaaa ctgaggtaca gccttcgtca gtacaatatt gttggactgc mcaccaacat 420
 tgacttctta ctcaacctgt ctggccaccc agagtttgaa gctkggaacg tgcacactga 480
 tttcatccct caacaccaca aacagttgtt gctcagtcgg aaggctgcag caaagagtct 540
 ttatgccagg cagccctggg tctcatcctc aaggagaaag ccatgaccga cactttcact 600
 cttcaggcac atgatcaatt ctctccattt tcgtctagca gtggaagaag actgaatata 660
 tcgtatacca gaaacatgac tcttaaagat ggtaaaaaca gttttcgtct cctcggataa 720
 tcaaccattt ccatactcat gtaatctagg catactctgg agttattaca ggtttggttc 780
 cagaccacta caataaaaatg tagccatagc tgtaacgtat aaccatgatg ggtcttatag 840
 catgcagatt gaagaaaact ttccaagtcc ttgggtaatc tttacagccg agggagactg 900
 cacttacctg aaatgttcg ttaatgggag ttgc 934

<210> 5208
 <211> 934
 <212> DNA
 <213> Homo sapiens

<400> 5208
 gttagctcga ggggcaaata aagagcacag gaatkwwtct gattacacac ctctaagtct 60
 ggctgcttct ggtggctatg tgaacatcat caaaatatta ctaaatgcag gagctgagat 120
 taactctaga actggtagca aattgggcat ctctcctctg atgttagcag ctatgaatgg 180
 gcatacagct gctgttaagc tctgttaga catgggctct gacataaatg ctcagataga 240
 aaccaatcgg aacactgcc ttacttttagc ctgcttccaa ggaagaactk aagtggttag 300
 tcttctgctt gatagaaaag caaatgttga acacagagct aagactggtc tcacaccayt 360
 aatggaggct gcctctggtg gatatgcgga ggtggccgag ttcttttgga taaagatgct 420
 gatgttaatg ccctccagtt cctcctcaag agatacagct ttaaccatag cagcagataa 480
 gkgcattaca aattctgtga gcttcttatt ggcaggggag ctcatattga tgtacgtaac 540
 aagaagggga acactccatt gtggctagca gcaaatggtg gacacctcga tgtggttcag 600
 ttactggtgc aagcaggtgc agatgtggat gcagcagata accgcaagat aactcctctt 660
 atggcagcat ttagaaagg tcatgtgaag gtggtgcgct acttagtcaa agaagtcaat 720
 cagtttccat cagattctga atgtatgaga tacatagcaa ccatcactga taaggagatg 780
 ctgaagaagt gtcattcttg tatggagtca atagtacaag ccaaagatag acaggctgct 840
 gaagcaaca aaaacgccag cattttgtta gaggagttag acttggaataa gtttaaggaa 900
 gaaagtcgga ggctggcttt ggctgcgaaa agag 934

<210> 5209
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 5209
 gcgggcacgg cgggtggctcg gtctccggc tgcgcgcgga gcgggagggc tctcctcaca 60
 caagcgcttc cttgccgaga ggctggagct gcggcaccgc aggcctgagc cacccttct 120
 ctgctgtctc cttctcttcc tcagggctcc cgtgtctgct cgccctccga cgctgctcag 180
 actatggaaa tgatgttaga caaaaagcaa attcaagtga ttttcttatt caagttcaaa 240

atggggtcata aagcagcaga gacaactcgc agcatcaaca atgcatttgg cccagaaatt 300

<210> 5210

<211> 711

<212> DNA

<213> Homo sapiens

<400> 5210

ccccttcctt	ctgtctcttg	agacccttga	gcttggggaa	atatggaggg	gtgtgtgtct	60
gcaatcaagg	cctctgcagc	tcacggctgg	cccgggtggc	tgggacttcc	gtctgaattt	120
taaataactta	gggttcattt	ttttttctct	gggcaacaaa	gcttgatgtt	ttcactgctt	180
tagtttctct	tttgctgggt	ggaggggata	cggctctgtg	ctctggactt	gctctggggg	240
aacagttgtc	actgccccg	gggagagggg	cagcttgggc	tggagaagca	cagccagaga	300
cagagcccct	cgagagggat	ccttggctgc	ttcattgtct	tccccccagc	aagccctgct	360
ctccacaggc	acctctgggg	tcttgggtatg	gtccccgctc	acctccttcc	agagtccctga	420
gtggtgtggg	tgtgggtggc	acaggatctg	gggcatggga	ggggttcaga	gcttcccaga	480
gccccgtgtc	ctggcagact	cagctgggtg	gctgggggtg	taaccccagt	cctggcgtag	540
gtttacagac	tctcaaggta	cgttggccct	ggtctcctgg	gagagagggg	tgagggatgt	600
cccctaccaa	agcacaaggt	gggatcaggc	tgcctcctgg	gttgggtgtc	gggggagctg	660
tccggcagcc	tggcagggag	atgcaagggc	taaagtaaaa	ttttgtcaag	t	711

<210> 5211

<211> 839

<212> DNA

<213> Homo sapiens

<400> 5211

tcaaggccta	cgaacagggt	atgcactacc	ccgggtacgg	ttcccccatg	cctggcagct	60
tggccatggg	cccggtcacg	aacaaaacgg	gcctggacgc	ctcgcccctg	gccgcagata	120
ccttcctact	accagggggt	gtactcccgg	ccccatttat	gaactcctct	taagaagacg	180
acggcttcag	gcccggctaa	ctctggcacc	ccggatcgag	gayaagttag	agagcaagtg	240
ggggctcgaga	ctttggggag	acgggtgttg	agagacgcaa	gggagaagaa	atccataaca	300
ccccaccccc	aacacccccca	agacagcagt	cttccttcac	ccgctgcagc	yggtccgtcc	360
caaacagagg	gccacacaga	taccccacgt	tctatataag	gaggaaaacg	ggaaagaata	420
taaagttaaa	aaaaagcctc	cggtttccac	tactgtgtag	actcctgctt	cttcaagcac	480
ctgcagattc	tgattttttt	gtttgtgttg	ttctcctcca	ttgctgttgt	tgcaggggag	540
tcttacttaa	aaaaaaaaaa	aaattttgtg	agtgactcgg	tgtaaaacca	tgtagtttta	600
acagaaccag	agggttgtac	tattgtttta	aaacaggaaa	aaaaataatg	taagggctctg	660
ttgtaaatga	ccaagaaaaa	gaaaaaaaaa	gcattcccaa	tcttgacacg	gtgaaatcca	720
ggctctcgggt	ccgattaatt	tatggtttct	gcgtgcttta	tttatggctt	ataaatgtgt	780
attctggctg	caagggccag	agttccacaa	atctatatta	aagtgttata	cccggtttt	839

<210> 5212

<211> 603

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(603)

<223> n = A,T,C or G

<400> 5212

agaaagtgtc	agcacagttt	gtgttgtgga	tttgctactt	ccatagttta	cttgacatgg	60
ttcagactga	ccaatgcatt	tttttcagtg	acagtctgta	gcagttgaag	ctgtgaatgt	120
gctaggggca	agcatttgtc	tttgatatgt	gtgaattttt	tcagtgtaac	aacattatct	180
gaccaatagt	acacacacag	acacaaagtt	taactggtag	ttgaaacata	cagtatatgt	240
taacgaaata	accaagactc	gaaatgagat	tatttttggt	cacctttctt	tttagtgtct	300
tatcagtggg	ctgattcatt	ttctacnttn	aancagnggg	ttttctgacc	angaatatgg	360
ctnggatttt	ttngaaagta	caaaangcca	catagttttt	ccagaaaggt	ttcaaaactc	420
ccaaagatta	acttccaact	tataagtttg	tttttatttt	caatctatga	cttgactggg	480

tattaaagcc gctatttggg tagtaattaa atatggtggt cattgatata aaccngtttg	540
gggtcagcaa accaacctaa atggatggcn aagaccngg gtttaatttt cccggtgggg	600
gtg	603

<210> 5213
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 5213	
ccaaggcgca gcccgattct gccccctacg attggttcgg ggacttctcc tccttccgtg	60
ccctcctaga gccggagctg cgccccgagg accgtatcct tgtgctakgt tgcgggaaca	120
gtgccctgag ctacgagctg ttcctcggag gcttcctaa tgtgaccagt gtggactact	180
catcagtcgt ggtggctgcc atgcaggctc gctatgccca tgtgccgcag ctgcgctggg	240
agaccattga tgtgcggaag ctggacttcc ccagtgtctc ttttgatgtg gtgctcgaga	300

<210> 5214
 <211> 492
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(492)
 <223> n = A,T,C or G

<400> 5214	
gagaagctga ccttggacct gacggtgctc ctgggtgtgc tgcaggggca acagcagagc	60
ctacagcagg gggcacactc caccggctcc agccgcctgc acgacctcta ctggcaggcc	120
atgaaaacc tgggagtcca gcgccccaa ttggagaaga aggatgccaa ggagatcccc	180
agtgccacc agagccccat cagtaagaag cggaagaaaa agggattctt gccagagacg	240
aagaagcgca agaaacgcaa gtcagaggat ggcacgccag cggaggatgg cacacctgca	300
gccaccggcg ggagccagcc ccncagcatg ggcaggaaga agaggaacag gacaaaggct	360
aaggtcccag cccaggcaaa cgggacgcca accaccaaga gtccagcccc tggcgccnc	420
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tcccagggtga at	492

<210> 5215
 <211> 1011
 <212> DNA
 <213> Homo sapiens

<400> 5215	
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agtttctgga gttcgaattt cggccggacg gaaagcttag atatgccaa aacagcaatt	180
acaaaaatga tgtgatgac agaaaagagg cttatgtgca caagagtgtg atggaagaac	240
tgaagagaat tattgatgac agtgaaatta caaaagaaga tgatgctttg tggcctcccc	300
ctgatagggt tggccgacag agcttgaaat tgtaattgga gatgagcaca tatcttttac	360
cacatcaaaa ataggttctc ttattgatgt aaatcagtca aaggatcctg aaggccttcg	420
agtattttac tatttggtac aagacttgaa atgttttagt ttcagtccta ttggattaca	480
cttcaagatt aaaccaattt aaattgtatg ttttcaggct gtttgatat ttaattaagg	540
gatgggaggg gttatttgc atttacagta ttggggttt tatgaatgtg aagcaacaa	600
aaaaaatttg tatgtaaact gaaaataaga aaatacatta gcaagcttaa tggttatcct	660
tacttgagtc cacatgggtt ggacagtcac cacacacatt aaattctgta aatgaaagcc	720
accttttggt aaaaatttgc tctaataaaa cataccaaat cctggttgca gagtagtttt	780
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gtagatatat cctgtgacag aagatacttt aggtggaact atgtagccag attcccatcc	900
atgaaaggca agttagatgt gtcccttatt tccttcatac atgattggat ttaatttttg	960
ggggcttata caaggtctag ttttttttta cagttatgac aaaccctca g	1011

<210> 5216
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 5216
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 aagtggatat ctactcagac agtaagaatt ataagagctg taagagctca ttttggagga 180
 ataatggatg aaccatctcc cttggcccaa cctctggagc tgaaccagca ctctcgattc 240
 ataataggtt ctgtgtctga agataactca caggatgaga tcagcaacct ggtgaagttg 300

<210> 5217
 <211> 1544
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1544)
 <223> n = A,T,C or G

<400> 5217
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 cttgacgcgc cagctgggtac aggacgagaa cgtgcgcggg gtgatcacca tgaacgagga 120
 gtacgagacg aggttcctgt gcaactcttc acaggagtgg aagagactag gactcgagca 180
 gckgcrscgw srgcacagta gacatgactg ggatccccac cttggacaac ctccagaagg 240
 gagtccaatt tgctctcaag taccagtcgc tggggcagtg tgtttacgtg cattgtaagg 300
 ctgggcgctc caggagtncc actatggtgg cagcatacct gattcaggtg cacaaatgga 360
 gtccagagga ggctgtaaga gccatcgcca agatccggtc atacatccac atcaggcctg 420
 gccagctgga tgtttctaaa gagttccaca agcagattac tgcacgggca acaaaggatg 480
 ggacttttgt catttcaaag acatgatgta tggggattag aaagaactca agacactcct 540
 gcttgataca gaacaaaaag agcttaacag gaccaacang gcttaagccc agacttgacg 600
 taacagaaat gtgccaatag gtaataggtt atttttcttt ctctgacttg ttttgttttc 660
 ttgaaataac actgttgtgt ggctagaaa gaaaagattt agtgtggctt gtattcaygg 720
 gatacaggac agggatgggg ctatcatctt ttcttgaata gggctaaaga agtattttta 780
 caaaaatcta ttatgtacct aatattgtgc ctaataatat ttagcaccac aactcaaaaa 840
 acatttagca cttgaaaaaa ggagactcac ctctggctct ttgccactgt cagaatctga 900
 atctcactgg ccctgtggag tagggatcct atctggagaa gtgggagcat gggctgcagt 960
 caggactgct gcagactgag ccatgtgatg gtacgtaatg agttccctg agggaatgaa 1020
 acacccccct cacccttca aagtcacccc tttggaattc aacacagaca cacatatccc 1080
 ttcaaaaact tttatttga tcaacagttc ctactctttg acttagctta gagcttttaa 1140
 aagagcagac accttatata tttgagattg aaaaagtttc tgctattaat cagaaataat 1200
 catttctatt ttctggctta ccccttggaa taagccaaaa ataaaacca agttacattt 1260
 cctgacagat ggctaagaaa acaatagaag gaacatcctg aattctagag ttgactcttg 1320
 ctggtgaagt acaccttcag gcttaggtcc attctcctaa gtaaagcctg aaggaaaact 1380
 cttaacacct aattctttgt gggaaaaatg atcaactagg ccatttcaca ggctwtgaa 1440
 cmaaagtacm attgggcatc tttccytatg tcckgggatc aggggwgctt acatttaaca 1500
 ttgatcaggt aaagaggaga ggctgtgcta aggtctgaga aaag 1544

<210> 5218
 <211> 948
 <212> DNA
 <213> Homo sapiens

<400> 5218
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 tctggagttc gaatttcggc cggacggaaa gcttagatat gccaacaaca gcaattacaa 120
 aaatgatgtg atgatcagaa aagaggctta tgtgcacaag agtgtaatgg aagaactgaa 180
 gagaattatt gatgacagtg aaattacaaa agaagatgat gctttgtggc ctccccctga 240
 tagggttggc cgacaggagc ttgaaattgt aattggagat gagcacatat cttttaccac 300

atcaaaaata	ggttctctta	ttgatgtaaa	tcagtcaaag	gatcctgaag	gccttcgagt	360
atcttactat	ttggtacaag	acttgaaatg	tttagttttc	agtcttattg	gattacactt	420
caagattaaa	ccaattttaa	ttgtatgttt	tcaggctgtt	tgtatattta	attaagggat	480
gggaggggtt	atctgtcatt	tacagtattg	gggtttttat	gaatgtgaag	caaacaaaaa	540
aaatttgtat	gtaaactgaa	aataagaaaa	tacattagca	agcttaatgg	ttatccttac	600
ttgagtcac	atgggttgga	cagtcctcac	acacattaaa	ttctgtaaat	gaaagccacc	660
ttttgttaaa	aatttgctct	aataaaacat	accaaactct	ggttgagag	tagttttttg	720
ttttttccag	gaggctatgt	ctctaattca	ctttagagat	aataagaaat	tggtctggta	780
gatatacct	gtgacagaag	atacttttag	tggaactatg	tagccagatt	cccatccatg	840
aaaggcaagt	gtagattgtc	ccttatttcc	ttcatacatg	attggattta	atcttggggg	900
gcttatacaa	ggtctagttt	ttttttacag	ttatgacaaa	cccctcag		948

<210> 5219

<211> 300

<212> DNA

<213> Homo sapiens

<400> 5219

gctgggagta	taggctgagt	taggaagatt	gcttgagccc	ggaaggcaga	agttgcagtg	60
agccaagatc	gcgccactgc	actcccaact	ggacgacaaa	gcgagatact	gggagtatat	120
gcattcgcca	ccctgggcaa	catagcaaga	ccctgtgtct	acaaaaaatt	taaaaaaaat	180
tagcctgtag	ccctagctat	gcaggaggtg	gaggtgggag	aattgcttga	acccaggagt	240
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<210> 5220

<211> 1043

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1043)

<223> n = A,T,C or G

<400> 5220

taaaaaacca	ccttttgttc	gaaactccct	ggagcgacgc	agcgtccgga	tgaagcggcc	60
gtccccaccc	ccacatcctt	cctcgggtcaa	gtcgctgcgc	tccgagcgtc	tgatccgtac	120
ctcgctggac	ctggagttag	ascwssaggc	gacaagaacc	tggcacagcc	aattgaccca	180
ggagatctcg	gtgctgaakg	agctcaagga	gcagctggaa	caagccaaga	gccacgggga	240
gaaggagctg	ccacagtggg	tgcgtgagga	ckagcgtttc	cgctgtgtgc	tgaggatgct	300
ggagaagcgg	cagatggacc	gagcggacac	aagggtgagc	ttcagacaga	caagatgatg	360
agggcagctg	ccaaggatgt	gcacaggctc	cgaggccaga	gctgtaagga	acccccagaa	420
gttcagtctt	tcagggagaa	gatggcattt	ttcaccgggc	ctcgatgaa	tatcccagct	480
ctctctgcag	atgacgtcta	atcgccagaa	aagtatttcc	tttkttccay	tgaccaggct	540
gtgaacattg	actgtggcta	aagttattta	tgtggtgtta	tatgaaggta	ctgagtcaca	600
agtcctctag	tgtcttgggt	ggtttgaaga	tgaaccgact	ttttagtgtg	ggtcctactg	660
ttgttattaa	aaacagaaca	aaaacaaaac	acacacacac	acaaaaacag	aaacaaaaaa	720
aaccagcatt	aaaataataa	gattgtatag	tttgtatatt	taggagtgtg	tttttgggaa	780
agaaaattta	aatgaactaa	agcagtattg	agttgctgct	cttcttaaaa	tcgttttagat	840
tttytsgtt	gtacagctcc	accttttaga	ggtcttactg	caataagaag	taatgcctgg	900
gggacggtaa	tcctaataag	acgtcccgc	cttgtcacag	tacagcta	ttttcctagt	960
taacaatttg	tcatattamm	mmntgcacag	ammaccattg	ggggggattc	agaggtgcat	1020
ccaccccggn	tcttcttgag	ctg				1043

<210> 5221

<211> 796

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(796)
 <223> n = A,T,C or G

<400> 5221

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cgaggaacac	agctctgggg	gaatgggtgtc	atccwcstgc	gytttaaaaa	taagcacatg	120
atggctgggc	accgtgggtc	acgcctgtaa	tcccagcact	ttgggaggct	gaggcgggtg	180
gwtcacctga	ggtcgggagt	ttgagaccag	cctggccaac	atggtgaaac	cccacgcta	240
ctaaaawtat	aaaaaattag	ctgggcatgg	tggcgacgy	ctgtagtcc	agctactcag	300
gaggctgagg	caggagaatc	gcttgaaccc	gggaggtgga	ggttgacgtg	agctgagatc	360
gcaccattgc	actccacact	gggcaacaaa	gagtgaact	tggctcaga	aacgaaacaa	420
aacacaaaaa	cctttctcag	tcccagcata	tgtggagcag	cctcattctt	catagctgtg	480
tgtcattccg	ttgcgtgatg	gggtcacaga	gcacagacct	ggtgcccttt	tcctttttaa	540
tatgtggaaa	cccctccatg	ctttccaaag	cctacaagta	cagcagcccc	aagttagagg	600
tgagcagcag	tggtcagagc	tctttactat	tacttttggg	caaacgcaag	ccaggctggc	660
aaccaccact	gccgcccagg	ggagatacaa	gcaggccagt	ttcacactyt	gggackttta	720
gtttctttct	tacatctaga	aggtgggcct	ctkgttattc	cantttaaag	gcagcccaag	780
ggaantgttc	agnaana					796

<210> 5222

<211> 328

<212> DNA

<213> Homo sapiens

<400> 5222

ataaggcagt	ctctcaaaag	tcatactgcc	agagtctcta	gggcaaggag	aaacaactag	60
ctggacaata	ctcaattcac	aacttagcat	tttgccatct	gaagcttggc	aaactagtat	120
ctgctgtaaa	acaacctata	tggatgtga	accgtagtat	tcctgagcaa	aacgtggctt	180
tcacgcgttt	gtaaaaattt	gcacgtgttt	agaaactagc	ctataaaata	tcaccattgg	240
atgtagatat	ggagagaaaa	gaaatatgtt	gggtttattg	cttagcgaaa	tattctcttt	300
ttattttaat	aaaatgttct	tcattgtg				328

<210> 5223

<211> 302

<212> DNA

<213> Homo sapiens

<400> 5223

ggaagagctc	gtcttggagt	ccaagctttt	gccacttcaa	ttgcaccagc	tccaggaacc	60
atacaaccat	cttcaatkgc	atttttgata	gcacgaagtc	catctcttat	ggcatccttg	120
acttgtgtga	gagtcatgct	ttatttggtc	ctttaaccaa	caaggtaaca	gagcaagggt	180
taacacactc	ctcaataaaa	gtgaactttt	cttcacctaa	tgtatactca	tacacaagac	240
cagcatgtcc	caagcaatct	acagtgagat	cttcaaaaaga	attcacggcc	attccaccac	300
aa						302

<210> 5224

<211> 551

<212> DNA

<213> Homo sapiens

<400> 5224

gcagtacgtg	tgccgtgagg	ctcatagtgt	atgagggact	ttccctgctc	caccgtcact	60
cccccaactc	tgcccgcctc	tgtcccgcgc	tcagtcctccg	cctccatccc	cgctctgtc	120
ccctggcctt	ggcggtatt	tttgccacct	gccttgggtg	cccaggagtc	ccctactgtc	180
gtgggctggg	gttgggggca	cagcagcccc	aagcctgaga	ggctggagcc	catggctagt	240
ggctcatccc	castgcattc	tccccctgac	acagagaagg	ggccttggta	tttatattta	300
agaaatgaag	ataatattaa	taatgatgga	aggaagactg	ggttgacagg	actgtggtct	360
ctccyggggc	ccgggacccg	cctggtcttt	cagccatgct	gatgaccaca	ccccgtccag	420
gccagacacc	acccccacc	ccactgtcgt	ggtggcccca	gatctctgta	attttatgta	480
gagtttgagc	tgaagccccg	tatatttaat	ttattttgtt	aaacatgaaa	gtgcatcctt	540
tccctccaaa	a					551

<210> 5225
 <211> 555
 <212> DNA
 <213> Homo sapiens

<400> 5225
 gctctgtgac accctttttg tgatcttcag tgctgttttt atggttacac gactaggaat 60
 ctatccattc tggattctga acacgacct ctttgagagt tgggagataa tcgggcctta 120
 tgcttcatgg tggctcctca atggcctgct gctgacctta cagcttctgc atgtcatctg 180
 gtcctaccta attgcacgga ttgctttgaa agccttgatc aggggaaagg tgacctgtcc 240
 aggaaggatk agwcscwgtr mtgtssactc tttsmkcas ccmkwsswwk wwkmttrtgm 300
 cgcgggasc gsacarwwws atctcttgca tgtatcgaag gatgatcgca gtgatgtgga 360
 gagcagctca gaggaagaag atgtgaccac ctgcacaaaa agtccctgtg acagtagctc 420
 cagcaatggt gccaatcggg tgaatggtca catgggaggc agctactggg ctgaagagta 480
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 ctctctttgg gccct 555

<210> 5226
 <211> 498
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(498)
 <223> n = A,T,C or G

<400> 5226
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 taacagtgtt aggtgaacag ttgtccagtc tctgttttg tcggacactg tttctagcac 120
 cttccaggca gaatctcatg tctcttcac tttcgaawts ggwacgagka tttcatcccc 180
 acttttatca atgagaaact aaagctcgaa gaggtcaagt aagttcctgg ccaaggctcag 240
 ctacgaggct ctacaggcct cgttctcctt agaggcaagc cttgccaggg cccaggcttg 300
 gcaggctgca gggcagggtg gggcatgcca tggtagaggt gggaccattg aggtcagag 360
 agggtaagtg atganccctg gnacacagcg ggggtgggtc agagtccggc ctgcatcttc 420
 tggagctggc cagtggacag gcctttcccg ttcacaagcc cggggctgct gttccacca 480
 aggggggaat gttgccta 498

<210> 5227
 <211> 537
 <212> DNA
 <213> Homo sapiens

<400> 5227
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 cggaggggat ggagcaggag gaatcctgaa aaccggactg ggagagatgk grccsagtgg 120
 asgakkyccr staysasmkg gcgtmtgaga ckgaacatt aattctgaag aagaagaaac 180
 tagacagtca gacctccagg actaagatga agtgagccga gaggagatcg tatcataaga 240
 atgcttctgt cgttagccgg gtgcagtgt gtgtgtatct agttccagct acttgagagg 300
 ctgaggcagg aggattgctt gaggccagaa agtggcagtt gcagtgaagt gagatcgtgc 360
 cactgctcwc cagcctgggt ggcagarcga gacctgtct caaaaaata acaaaaacaa 420
 aatgcttctg tcagttaaca atctttatta gaggttttt agtctttctt tctcagctgt 480
 atgttaagtt ggttgacaaa tgcaataaaa cgtctttatt atcctttctt tctgaaa 537

<210> 5228
 <211> 735
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(735)
 <223> n = A,T,C or G

<400> 5228
 ggggcctgag gtgccagggt tcacagacag ggtttccac cagccacacg caccagctct 60
 atttggggga agtgtagtga ggaggagccc agaggacccc aggggagtga ggaggagaa 120
 cttggaagg tgcagcccac ttccagactc tcccctctcc cacccttcta ccctgtgaag 180
 ggaaatgagg gctttagttt cctgggcagg gaggggcagc ttctgagggt gccaaaggcc 240
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 ccagaggagc agtgaggcag gacagatgga caggttcctc ctgcgctgta attccctgct 360
 ccctggagac tgggaaaagg ccgcagnacg ggggactggg cggtggtggc tgggtggttta 420
 aaggttgaac tttctctgaa gctcctttcc cctttgctct tggccctgc ccngcaang 480
 caaacctgcc ccctctgcct ccagtgac ccaatgaccc cccttcccct tggggcggac 540
 ttctgattg aagcacaact cccccgaag gancccaag ccacaaggg ttggccataa 600
 tttggggcag tttccaagtc ctgtnggctt cggtataatn tggggganga agatttttng 660
 ggtcttgat ttcccttggg aaattgggtc cttgggcttg gaatnttttc cctaaggggg 720
 ccctcttant tcctt 735

<210> 5229
 <211> 317
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(317)
 <223> n = A,T,C or G

<400> 5229
 ggctgcctgg ggaaggagaa atctgagcca agacctgaca aatgaatagg agtaagctaa 60
 ggaaagtac tggggtgagt gagttccaaa tggagggaac tgcattgtga gaggcctgga 120
 ggtgagggga acctgggcac attccaggag ctgaagggtt tgttgtggct ggaacataaa 180
 gagccaaagg gggccaagca gtgcttcaca cctgtaatcc cagcrctctg ggaggcygag 240
 gtgggcagat cacctgaggc caggagttca agaccagcct ggtcaacgtg gtgaaaccct 300
 gtcttactn aaaatac 317

<210> 5230
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 5230
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 caggtagaac ttagacttc atagactga attaacctgc actgaaagct gtttacctgc 180
 atttgttcac ttttgttgaa agtgaccatg tctcaagttc aagtgcaggt tcagaaccca 240
 tctgctgctc tctcaggag ccaatactg aacaagaacc agtctcttct ctacagcct 300

<210> 5231
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 5231
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 tctttaacca gatcaacatg ttatatggaa ctattacaga attctgcact gaagcaagct 180
 gtccagtcag gtctgcaggc ccgagatatg aatatcactg ggcagatggg actaatatta 240
 aaaagccaat caaatgttct gcacccaaat acattgacta tttgatgact tgggttcaag 300

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<210> 5232
<211> 300
<212> DNA
<213> Homo sapiens

<400> 5232
ccggcgggctc tggctgcccc gcggttgaga gcatggcctc tccaggggca ggtagggcgc      60
ctccggagtt accggagcgg aactgcggtt accgcgaagt cgagtactgg gatcagcgct      120
accaaggcgc agccgattct gccccctacg attggttcgg ggacttctcc tccttccgtg      180
ccctcctaga gccggagctg cggcccggag accgtatcct tgtgctakgt tgcgggaaca      240
gtgccctgag ctacgagctg ttcctcggag gcttccttaa tgtgaccagt gtggactact      300

<210> 5233
<211> 564
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(564)
<223> n = A,T,C or G

<400> 5233
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gacacgagct ctatgccttt ccggctgctc atcccgcctg gcctcctgtg ygcgtgctg      120
cctcagcacc atggtgcgcc aggtcccgcg ggctccgcgc cagatcccgc ccaactacagg      180
gagcgagtca aggccatggt ctaccacgcc tacgacagct acctggagaa tgcctttccc      240
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gtggttgaag tgctccaggg acagcgtggg actttgatat tgatgtgaac gcctctgtgt      420
ttgaacaaaa cattcgagtg gtagggagga ctctgtctct gtccatctgc ttttccaaga      480
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<210> 5234
<211> 596
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(596)
<223> n = A,T,C or G

<400> 5234
actcaaagac acgtacatgt tgtccagcac cgtctcctcc aaaatcttgc gggccattgc      60
cttaaaggaa ggttttcatt ttgaggaaac attaaactggc tttaagtgga tgggaaacag      120
agccaaacag ctaatagacc aggggaaaac tgttttatgt gcatttgaag aagctattgg      180
atacatgtgc tgcccttttg ttctggacaa agatggagtc agtgccgctg tcataagtgc      240
agagttggct agcttcctag caaccaagaa tttgtctttg tctcagcaac taaaggccat      300
ttatgtggag tatggctacc atattactaa agcttctctat tttatctgcc atgatcaaga      360
aaccattaag aaattatttg aaaacctcag aaactacgat ggaaaaaata attatccaaa      420
agcttgtggc aaatttgaaa tttctgcat tagggacctt acaactggct atgatgatag      480
ccaacctgat aaaaaaagct gttctttccc acttagttaa aaggcaggcc aaatggattc      540
accttcacct ttggctaatt ggagggcgct ggcaccntgc ggcaccagtg gggacn       596

<210> 5235
<211> 732
<212> DNA
<213> Homo sapiens

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<220>
 <221> misc_feature
 <222> (1)...(732)
 <223> n = A,T,C or G

<400> 5235
 gcttcgtgtg ctactgcgaa ggggaggaaa gcggggaggg ggaccgcggc ggcttcaacc 60
 tctacgtgac cgacgccgag gagctttgga gcacctgctt cacgccggac agcctggcgg 120
 ccctcgtggg taactgggag ggtctgggag ccgccacacc cctccttgca gtgcagatcg 180
 tctatggggc gacagacatc tgggattccc cagaaggctc tgacaccctc tgcccgcctc 240
 gtatgctgtg tctctccatt ggctagggtc cttggggctg ggcaggtttc gggtgcccc 300
 agtggcctcg ggttccaggc agctcgtgac aagccccctg gctctctaga aagcccgttt 360
 tggcctgagt gcggtgagg acatcacccc ccggttcagg gcagcctgtg agcagcaagc 420
 tgtggctctg actctgcagg aggacagagc atccctgacg ctttcagggg ggcctcggga 480
 ctggcctttg acctctccaa ggtaccaggc ccagaggcag cccccaggct gtgggcgctg 540
 aactggggc tggcaaaacg cgtgtggagc ctggagcgkc gactkgcagc tgcagaagag 600
 acagctgtca gccgaggaa gagcccccg cctgcagggc ttcagctctt cttaccagac 660
 ccagatcccc agagaggttg ccttggaact nggagtcagg atgncggtt ccaggagaat 720
 tcgttcacn aa 732

<210> 5236
 <211> 816
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(816)
 <223> n = A,T,C or G

<400> 5236
 ctgaaacagg gtcgggatgc cgatgccggc ttggagttag agrkkmgwca ccgctgagag 60
 cagctgcagt agctgagyag tggcagcaga gaggcagacg tgagctgagg gcgcagaggc 120
 aggcagcatc tctgagggtc cccaaggagc atggctggga gccgtgaggt ggtggccatg 180
 gactgcgaga tgggtggggt ggggccacn ggnagagtg gcctggctcg ttgcagcctc 240
 gtgaacgtcc acggtgctgt gctgtacgac aagttcatcc ggctgaggg agagatcacc 300
 gattacagaa cccgggtcag cggggtcacc cctcagcaca tgggtggggc cacaccattt 360
 gccgtggcca ggctagagat cctgcagctc ctgaaaggca agctgggtgt gggcatgac 420
 ctgaagcacg acttccaggc actgaaagag gacatgagcg gctacacaat ctacgacagc 480
 tccactgaca ggctgttgtg gcgtgaggcc aagctggacc actgcaggcg tgtctcctgc 540
 ggggtgctgag tgagcgctc ctgcacaaga gcatccagaa cagcctgctt ggacacagct 600
 cgggtgaaga tgcgagggca acgatggagc tctatcaaat ctcccagaga atccgagccc 660
 gccgagggtc gccccgctg gctgtgtcag actgaagccc catccagccc gttccgcagg 720
 gactagaggc tttcgctttt ttgggacagc aactaccttg cttttggaaa atacattttt 780
 aatagtaaag tggctctata ttttctctac gccaaa 816

<210> 5237
 <211> 817
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(817)
 <223> n = A,T,C or G

<400> 5237
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 gtgtgctgta tatgagcact gggttcccag agaaaagatc ctcaccacta atacttggtc 120
 ttcagagctt tccaaactgg cagcaaagtc ttttcttgcc cagagaataa gcagcattaa 180
 ctccataagt gctctgtgtg aagcaacagg agctgatgta gaagaggtag caacagcgat 240

tggaatggac	cagagaattg	gaaacaagtt	tctaaaagcc	agtgttgggt	ttggtgggag	300
ctgyttccaa	aaggatgttc	tgaatttggg	ttatctctgt	gaggctctga	atttgccaga	360
agtagctcgt	tattggcagc	aggatcataga	catgaatgac	taccagagga	ggaggtttgc	420
ttcccggatc	atagatagtc	tgtttaatac	agtaactgat	aagaagatag	ctattktggg	480
atttgcattc	aaaaaggaca	ctggtgatac	aagagaatct	tctagtatat	atattagcaa	540
atatttgatg	gatgaagggtg	cacatctaca	tatatatgat	ccaaaagtac	ctaggggaac	600
aaatagttgt	gggatctttc	tcatccaggg	tgtttcagag	ggatgaccaa	gtgtccccgg	660
cttcgtgacc	atttccaagg	atccatatgg	aaggcatgtg	atgggtgccc	catgctgttg	720
tttattttgc	actgagtggg	gacatgtttt	aaggggattt	gggattattg	gaccgcattc	780
cattaaaaaa	atggcttaag	nccagccctt	tatnctt			817

<210> 5238

<211> 337

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(337)

<223> n = A,T,C or G

<400> 5238

gtgcaccgga	gggtgaagac	agccctcgcg	akgamkgwgg	aggcctggkg	agcaggcctg	60
accctgtgry	rswrwksag	gctgcgggtga	agcggggccga	ccacctggag	gagctgctgg	120
agcarmmcag	gaggcccacg	mcaagtacca	agtgaccagg	gatgccggga	acactgtcga	180
agaacggaag	gcagaggaca	gaggctggac	gttggcccag	agcagagaga	cgncacactg	240
ccccccacag	aggctggtgg	ttnagatgcc	cacgggttaag	cacctgtggc	ttgcattttt	300
aaacagttaa	aaggaggccg	ttgttttcag	cgccctt			337

<210> 5239

<211> 570

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(570)

<223> n = A,T,C or G

<400> 5239

gactttctgaa	gaacatgaag	caagcagaag	ggtgaaagcg	gagctgctgg	ttcagatgga	60
tggtgttgga	ggtacttctg	aaaatgatga	cccttccaaa	atggttatgg	ttctggcagc	120
tactaatttt	ccctgggata	tagatgaggc	tttaagacga	cgcttgaga	aacgaatcta	180
tattcctttg	ccgtcagcaa	aaggcaggga	ggagctatta	cgaataagtc	tacgtgagtt	240
ggaattggct	gatgatgttg	accttgcaag	tatagcagaa	aacatggaag	gttattcagg	300
tgcggacatt	accaacgtgt	gcagggatgc	gtccttgatg	gcaatgagaa	ggcgcatgga	360
aggtttgact	ccagaggaaa	tccgaaatct	ttccaaagaa	gaaatgcaca	tgcctacaac	420
tatgggagga	tttcgagatg	gctttaaaaa	aggtttctaa	gtncagtgtt	cttgctggca	480
gacatttgaa	aggttacggg	gaatgggtat	tttgagtttg	ggtcctntgct	aaattnttca	540
cctgtaaaact	gttgaggaat	gtgccttaag				570

<210> 5240

<211> 907

<212> DNA

<213> Homo sapiens

<400> 5240

agccaatgtg	cttgcaagtg	tacagatctg	tgtagaggaa	tgtgtgtata	tttacctctt	60
cgtttgetca	aacatgagtg	ggtatttttt	tgtttgggtt	ttttgttgtt	gttgtttttg	120
aggcgcgtct	caccctgttg	cccaggctgg	agtgaatgg	cgcttctct	gtcactaca	180
gcacccgctt	cccaggttga	agtgattctc	ttgcctcagc	ctcccagta	gctgggatta	240

caggtgcccc	ccaccgcgcc	cagctaattt	tttaattttt	agtrgagaca	gggttttacc	300
atgttgseca	ggctggyctt	gaactcctga	ccctcaagt	atctgcccac	cttggcctcc	360
ctaagtgtg	ggattatags	cgtgagccac	catgtctcag	cattaaggta	ttttgttaag	420
aactttaagt	ttagggttaag	aagaatgaaa	atgatccaga	aaaatgcaag	caagtccaca	480
tggagatttg	gaggacactg	gttaaagaat	ttatttcttt	gtatagtata	ctatgttcat	540
ggtgcagata	ctacaacatt	gtggcatttt	agactcgttg	agtttcttgg	gcactcccaa	600
gggcgttggg	gtcataagga	gactataact	ctacagattg	tgaatatatt	tattttcaag	660
ttgcattctt	tgtcttttta	agcaatcaga	tttcaagaga	gctcaagctt	tcagaagtca	720
atgtgaaaat	tccttcctag	gtgtgccac	agtctttgct	gcccttagat	gaagccactt	780
gtttcaagat	gactactttg	gggttggtt	ttcatctaaa	cacatttttc	cagtcttatt	840
agataaatta	gtccatatgg	ttggttaatc	aagagccttc	tgggtttggt	ttggtggcat	900
taaatgg						907

<210> 5241
 <211> 1184
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1184)
 <223> n = A,T,C or G

<400> 5241						
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ggccttgcat	ctacaataat	ctagaatttg	gaattgacct	tgacacacga	gtggctctgg	120
tagggcccaa	tggagcaggg	aagtcaactc	ttctgaagct	gctaactgga	gagctactac	180
ccacagatgg	catgatccga	aaacactctc	atgtcaagat	agggcgttac	catcagcatt	240
tacaagagca	gctggactta	gatstmtcrc	ctttggagta	catgatgaag	tgctaccag	300
agataaagga	gaaggaagaa	atgaggaaga	tcattgggag	atacggctctn	actgggaaac	360
aacaggtgag	cccaatccgg	aacttgctcag	acgggcagaa	gtgccgagtg	tgtctggcct	420
ggctggctgg	cagaaccccc	acatgctctt	cctggatgaa	cccaccaatc	acctggatat	480
cgagaccatc	gacgccctgg	cagatgccat	caatgagttt	gaggggtgga	tgatgctggt	540
cagccatgac	ttcagactca	ttcagcaggt	tgacacaggaa	atttgggtct	gtgagaagca	600
gacaatcacc	aagtggcctg	ggagacatcc	tggcttacaa	ggagcacctc	aagtccaagc	660
tgggtgattg	aggagcccca	gctcaccaag	agkaccacaa	acgtgtgagc	cytytacctg	720
ggttcgggtc	aggagctcca	tentgggaac	taacagctgc	taacctgacc	agccgctcag	780
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tgcccctcaa	cctgccttag	ctgcactctc	ttacctacag	ctggacagta	cctgtctgtt	900
tcctgtcctc	cttccagtta	catctgtcca	tgtctggact	cggctggccg	ttccctccag	960
ccccttgctg	ttatcttaca	tctgagtggt	atgcagtcag	aggcacctgc	gggttagccc	1020
agggggggcc	aactgatttg	gcctgcggag	gagcttagga	tcctcgtttt	ctgggttttg	1080
gtgatgttgg	aggagtaccc	cccagcccac	cgccccgatt	cctttttgct	tctggttttg	1140
agtcctggac	caggaccttc	gtcctggtna	gtttttaaat	aatt		1184

<210> 5242
 <211> 383
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(383)
 <223> n = A,T,C or G

<400> 5242						
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atttggggcc	caatctcaat	gcacatatca	gtgcgcaaag	cactaaaatt	ccaggcaaca	120
ctttgtattg	agagaagcca	aaattttggt	cmggccctgg	gacatctaaa	gtcaccaatg	180
taactacacc	atacagatta	aaccctcaca	tgatcatgta	agctatgcag	ttaccaagc	240
tgcatcattt	agaaaacctg	tacagttttt	atggaaacca	tccttagtca	aggacacttt	300

aaatatatag tctaaataacc gttaaggtag gccactagc tgtgttcaca ttttcccttg	360
gncaccttac caggggactt tta	383

<210> 5243
 <211> 1278
 <212> DNA
 <213> Homo sapiens

<400> 5243	
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ccaccacacag cgctggccac agggctccct gcagggtcag ggaccagacc acgcccagag	120
gaggggaggc actggccccc gccacaggac tggagacgca agaacaaaaa gaaccaagta	180
gagagagtgg agctgcttta ttgcccttgg agcccgcgt ctcgaggct gtcttctgtc	240
gccaaagggtc ccggaccgag tacacagtgg cagctggctt agttggtgga cggcytgss	300
cactcgacgt tgaggatgag gtggtcgtag ccaaagccgg acaccccgga aatggcacgc	360
gcagsatcct cgcggcgggtg gaagctgatg aaggcraagc ccttggtattg gccagtggtc	420
ttgtcccttag ccaggttagat gcgggagatg gagccgaaag gcsagaagag ctccctgcagg	480
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acatacttcc ctgtcttgtt ctgcgtggcc tgcacgggct ctactctcc cggcagcttc	660
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gtatccttgt aggggcagcg ggtggtccag tggtagccct tgcagatgcg gcaggacacg	780
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ccgggggggt caaactctga gttcccgaac ttcttccagt tcttctcct tgcgacagcc	960
tttgaagcct tccgggtctc aatcctgaag gtgcggacaa tcttgaactt cttgccatcc	1020
tcattttcta tcttgtaact tgtcactgtc tttatgttcc cgttgatgac ctcttggga	1080
ggcggcagtg gagtcccg cagtagctct ggctctgggc tggtagtcacc tgtggccaga	1140
gggatccctc tgaggagctc gctggtgaca catttgctgt cctccccctc ctctccacc	1200
tggtagcccc aactgggctt cgaatyaaag tctccagtag gcacgcgcaa aagtattctc	1260
cacgcagccc aagcccg	1278

<210> 5244
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 5244	
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cgctgctggg attacaggtg tgagccaccg cgtgtggcct ctgggcacct tttgaagctg	120
aagcagagag agaaggcggc aggcacagc gttttcttct atgaacttat aagatcaaag	180
actttaagac tttcactatt tcttctaccg ctatctacta cgaacttcaa agaggaacca	240
ggagtacgga aggagcatga aagtggacaa ggaacgtgac cattgaagca ccacaggag	300

<210> 5245
 <211> 496
 <212> DNA
 <213> Homo sapiens

<400> 5245	
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gktttatattg tcttattaat atmagaaggc aggaatgtca ggcctctgag ccaggccag	120
gccatcgcat cccctgtgac ttgcacgtat acatccagat ggcctgaagt aactgaagat	180
ccacaaaaga agtaaaaaca gccttaactg atgacattcc amcattgtga tttgttctg	240
ccccacccta actgatmaat gtactttgta atctccccc ccttaagaa ggttcttgt	300
aattctcccc acccttgaga gtgtactttg tgagatccac acctgcccac cagagaacaa	360
accccytttg actgtaattt tccattacct tccctaatec tataaaacgg cccacccca	420
tctccctttg ctgactctct tttcggactc agcccgcctg caccaggtg aaataaacag	480
ccttgttgc	496

<210> 5246

<211> 300
 <212> DNA
 <213> Homo sapiens

<400> 5246
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 ttgggcagag ctgacctcag agaacagtgc gggctctctcg ccctcctggg gcagtcccca 120
 ggacgaggtg ccaggtgcct ggcccatgtt gcagggggcc gtggagccca tgcagatcga 180
 cgtggacccc caggaagacc cgcagaatgc acctgacgtc aactacgtgg tggagaaccc 240
 cagcctggat ctggaacagt acgcggccag ctacagcggc ctggccactg ggtgccaccc 300

<210> 5247
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 5247
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 acgggagctg agcgtggagg cctcatgggt agtgaaatgg agagccatcc tccctcgcag 120
 ggtcctgggg acggggagcg gagattgtcc ggctcaagcc tctgctccgg ctcttgggtc 180
 tctgctgacg gcttcttgag gagacggccc tcggtaaggg atcagtgggg cagggggaag 240
 gcggcacatt gaaaaacgga gtgagaaaca ggaagctttc tccgaaagga gaagaagata 300

<210> 5248
 <211> 507
 <212> DNA
 <213> Homo sapiens

<400> 5248
 agggggcggg cccgtacgcc gattccatat gggcgccggc gcggagcgcc gcggggcagc 60
 gcggggctcg catggctgag ctgcagcagc tccgggtgca ggaggcgggt gagtccatgg 120
 tgaagagtct ggaaagagmg rwcmtschkm wswyrergag gtctcatgtt ccggtgcagc 180
 gccagctgtt gtgaggacag ccaggcctcc atgaagcagg tgcaccagtg catcgagcgc 240
 tgccatgykc ctctggctca agcccaggct ttggtcacca gtgagctgga gaagttccag 300
 gaccgcctgg cccggtgcac catgcattgc aacgacaaag ccaaagattc aatagatgct 360
 gggcgtaagg agcttcagggt gaagcagcag ctggacagtt gtgtgaccaa gtgtgtggat 420
 gaccacatgc acctcatccc aactatgacc aagaagatga aggaggctct cttatcaatt 480
 ggaaaataaa agtatcttcc agtggcc 507

<210> 5249
 <211> 1718
 <212> DNA
 <213> Homo sapiens

<400> 5249
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 agcaggctaa caatagccca ccagtggctc aggcacaggt agggcaacag acacagccat 120
 tgctccacc tccaccacag cctgcccagc ttctcagcca gcaacaggca gctcagccaa 180
 cccgctgggt agcacctcgg aaccgtggca gtgggttcgg tcataatggg gtggatggta 240
 atggagtagg acagtctcag gctggttctg gatctactcc ttcagaaccc caccagtggt 300
 tggagaagct tcggtccatt aataactata accccaaaga ttttgactgg aatctgaaac 360
 atggccgggt tttcatcatt aagagctact ctgaggacga tattcaccgt tccattaagt 420
 ataataattg gtgcagcaca gagcatggta acaagagact ggatgctgct tatcgttcca 480
 tgaacgggaa agggcccggt tacttacttt tcagtgtcaa cggcagtgga cacttctgtg 540
 gcgtggcaga aatgaaatct gctgtggact acaacacatg tgcagggtgt tgggtcccagg 600
 acaaatggaa gggctggttt gatgtcaggt ggatttttgt gaaggacgtt cccaatagcc 660
 aactgcgaca cattcgccta gagaacaacg agaataaacc agtgaccaac tctagggaca 720
 ctcaggaagt gcctctggaa aaggctaagc aggtgttgaa aattatagcc agctacaagc 780
 acaccacttc catttttgat gacttctcag actatgagaa acgccaagag gaagaagaaa 840
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 aacggttgca tctgcatatc ctaagaggaa aaaatgacct tcaagagaat taggactttt 960

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acaaaaaatc	cctctaggtg	gtttaggtga	aaaatgtccc	ttttattttg	gcttttggtg	1140
tgatttcaga	gcataatgct	atgttttttt	gtctttttac	tatgtttttc	ggatttttaa	1200
gtccgtaagt	gcatacagtt	ttctctaatt	tttaaaccct	ttcctcctcc	cattttgaca	1260
tttgacttgc	gagaacactt	gagttgtgaa	ggttttgggc	atccacccca	gaaagtggga	1320
atttgatttt	atccttccga	actggaagaa	catttttatg	aagaattttt	gtctaggaga	1380
atataacagt	gttaccceaag	gttgtgtcct	taagggtggt	tcattttctc	tgaccttttg	1440
ttactcaaag	taaagtacta	ggagtcctaa	gaaatgttct	gttctgttac	attatactga	1500
ttaagtcagg	attaatttga	tttcaaagct	gagaacagtg	gtaaaaactc	gtttacagaa	1560
atgcattttg	gaagagaaaa	atactgtaaa	acgtgtcgtg	aatgtttctt	cagtttcttg	1620
ttcagccaat	gaggaaaggg	cattgccttt	ctttttacca	ttaatcactt	ctcaataaac	1680
gtgagatcct	gttgagcatc	aaaaaaaaaa	agtcgacc			1718

<210> 5250

<211> 426

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(426)

<223> n = A,T,C or G

<400> 5250

cccagcgtg	tgtgggcaca	cgggacctgt	cctggacatc	gactggtgtc	ctcacaacga	60
cgaagymrta	gccagcggtc	cgtgaggact	gcacgggtcat	ggtgtggcag	atcccagaga	120
acgggctgac	ctccccgtg	acagagccgg	tggtggtact	ggaggggcac	accaagcgag	180
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<212> DNA

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